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BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
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Industrial News of Alameda Co.

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Martyn Haenke and W. J. Dodd Of Los
Angeles.

Residence for Dr. Peter Janss to be Erected
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WEDNESDAY, JULY 2, 1913.

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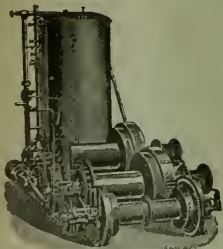
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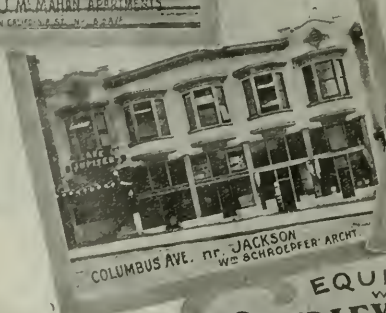
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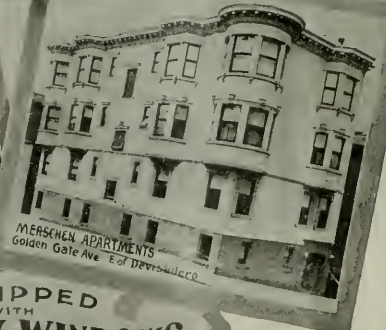
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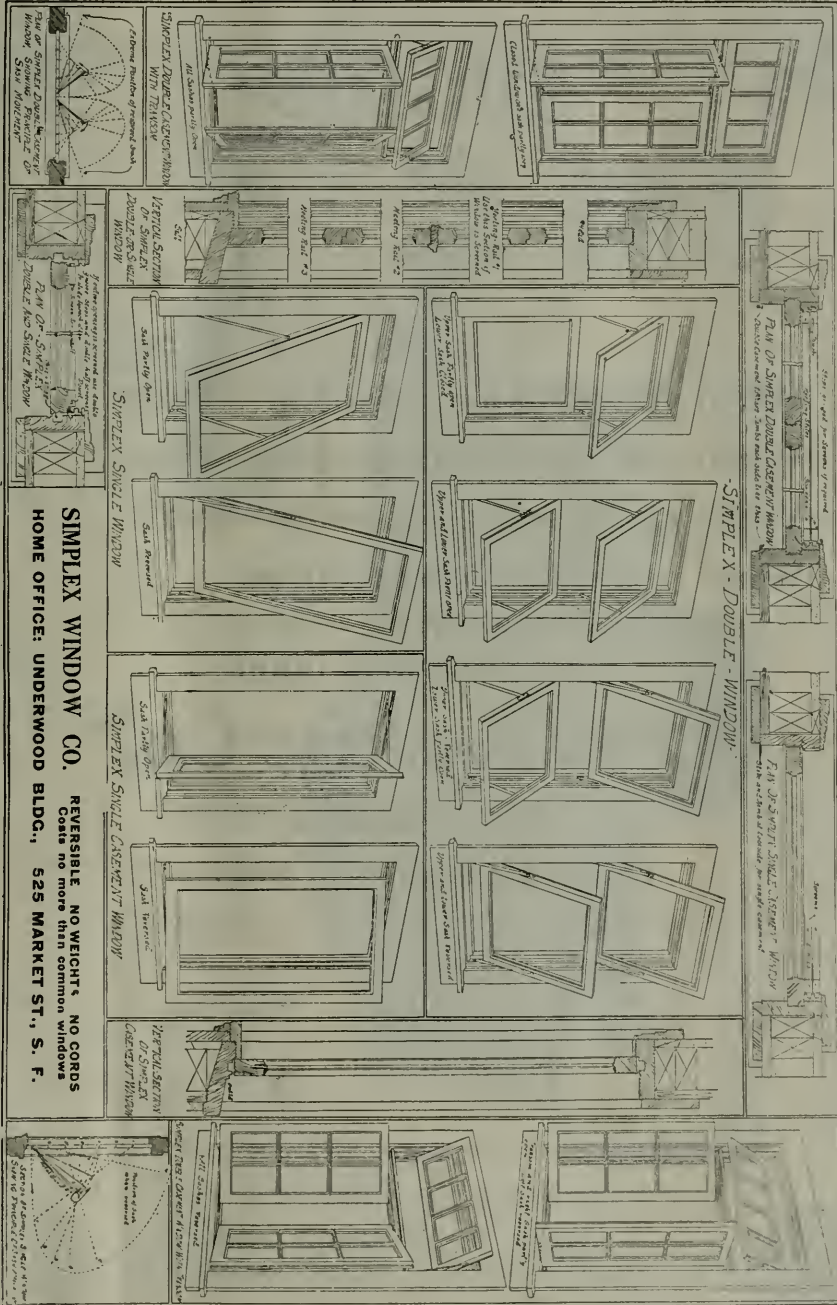


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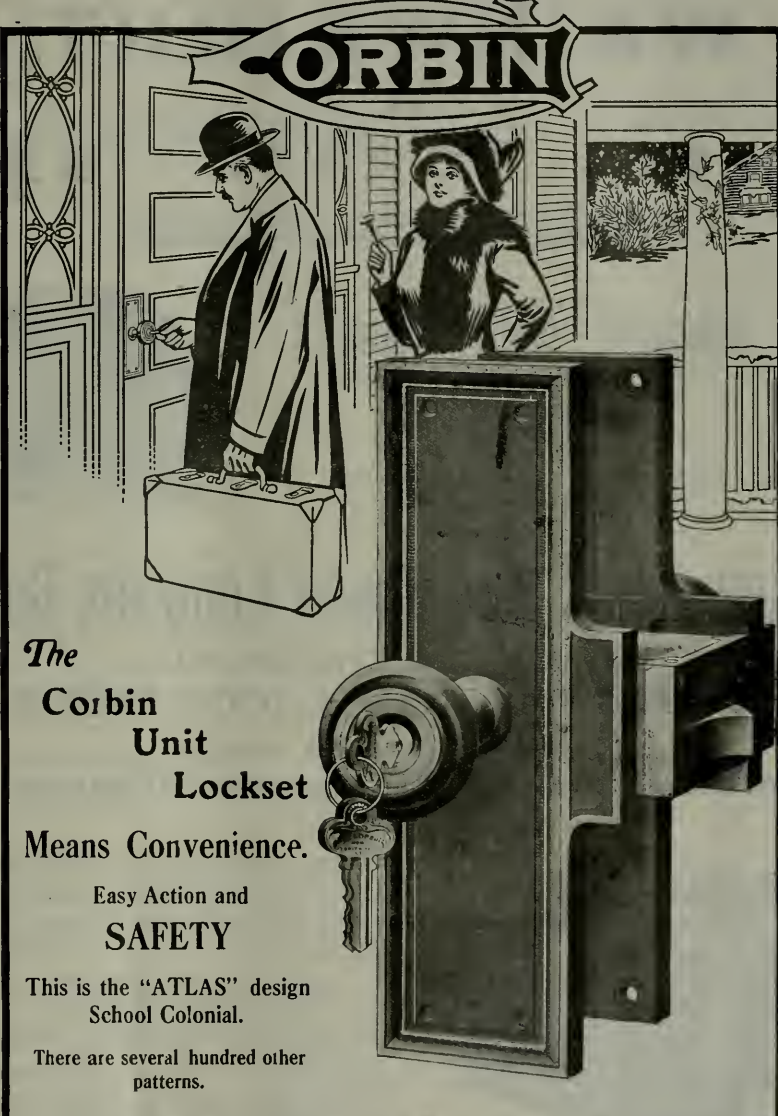
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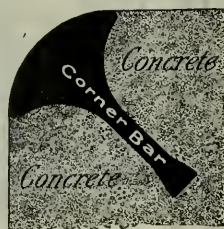
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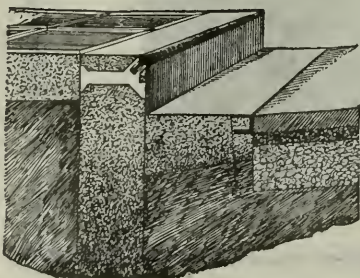
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ARCHITECTS are invited to read pages 242 and
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Editorial Comment.

Rather curiously there came, almost coincidentally, to the United States last April the tidings that the new capitol of the commonwealth of Australia had been christened Canberra, after long discussion; that the foundation stone of the capitol building had been laid with imposing ceremonies; and that the premiated design for the city, which was made by the young American architect, Walter Burley Griffin of Chicago, had been abandoned in favor of a sort of compromise plan worked out by a local Departmental Board. It is explained that the Board studied the various prize winning designs on the contemplated site of the city, and finding itself unable to recommend the adoption of any one of these designs, resolved, as an official statement naively expresses it, "to approve of the plan for the lay-out of the city as prepared by itself." This plan, the statement frankly admits, is made up of suggestions from many plans. Such an outcome, it may well be imagined, has infuriated our English cousins, whose patience had already been severely tried by the failure of the High Commissioners of Australia to amend the terms of the competition, and then by the capture of the prize by an American. The Town Planning Review editorially describes the now adopted design as "entirely outside the pale of serious criticism," and says that the perspective sketch which accompanies the plan is a reminder "of a third rate Luna Park." A study of the detail of the plan shows that this criticism is hardly too severe, but there is some gratification for America in noting that it has led to a better and fairer appreciation of Mr. Griffin's work by the sorrowful architects over the sea. —Architectural Record.

J. Pierpont Morgan was a great financier. That is about all that can be said of him. He thought he had religion. But if he did it was principally that of the self righteous pharisee. For his life was principally spent in gratifying his selfish pleasures and the charities that he performed were limited in this extent.

Lord Avebury, who died in England recently, who was better known as Sir John Lubbock, was also a great banker and financier. The later years of his life were devoted to charities and he was noted for his broad humanity, showing that to be a successful financier does not necessarily ostracize one from the humanities. Among other things he made himself famous for, his pithy maxims which were distilled from the richness of experience. Some of these are:

"Economy for the mere sake of economy is no doubt mean, but economy for the sake of independence is right and manly.

Save something, however little, every year.

We often hear of riches not honestly come by, but the fact is that poverty is seldom honestly come by either.

No one need have much anxiety about the real necessities of life. Nature needs little and gives much.

Do not put too many eggs in one basket. However well you may be advised, however carefully you may have looked into the matter, so nothing may occur to upset all calculations.

To buy in the cheapest and sell in the dearest market is not only the necessary rule of trade, but is best for all.

The miser is the man who loves money for its own sake; who carries economy to excess; who is a mere covetous machine. One lesson we have to learn in life is to keep ourselves free from mean and petty cares—and love of money is one of the meanest."

The occasion has arisen which was to be expected when the test will be given as to whether or not the Wilson administration is susceptible to political influences or whether it is genuinely progressive and the sincere advocate of reform.

That occasion has been brought about by the tendering of the resignation of John L. McNab, U. S. District Attorney for the Northern District of California. McNab's telegrams to the President and to the Attorney General state the grounds on which he asks that his resignation be immediately accepted. He states his position plainly in unmistakable English. The cases of Caminetti and Diggs, indicted by the federal grand jury on charges of white slavery, have been continued from prosecution over his protest and the prosecution against two members of the Western Fuel Company have been ordered stayed. The case is a clear one. It is up to President Wilson to investigate the case and demand an explanation of Attorney General McReynolds.

McNab undoubtedly does not want to continue as United States District Attorney. He has been hurt by the attitude of his superiors at Washington and under present circumstances he could not work in harmony with the department. But above the wishes of McNab are the rights and interests of the People of this States, which demand that he be retained, at least till the Diggs, Caminetti and the Western Fuel cases be determined.

President Wilson should be informed of the situation. When he is properly informed it will be up to him to choose between McNab and McReynolds and the people will know what to expect. If McReynolds is open to "influence," political or otherwise, in this case he will be open to influence in other cases.

What Should Be Included In Mill Work.

(By Charles Cloukey in the Wood-Worker)

We all know it is a fact that some of the easiest questions are the hardest to answer, and the longer we think about the answer the harder it is to make. And so it is with the question of mill work. We can name hundreds of items which unquestionably belong in this category, but in every building of consequence there are several items which may or may not be included in the list of mill work.

Now and then we run across an architect who makes an honest effort to set out the specifications for his mill work in such a manner as to cover it all. How well he succeeds or not, does not alter the fact that a great majority of architects make no effort to separate the mill work from other obligations of the carpenter or contractor.

Planing mills that are asked for bids on mill work per plans and specifications are compelled to make long lists of the work they include and to make other lists of the work they do not include. Many mills have a printed form of proposal for bids, with these notations and exceptions printed, but even with that apparent short cut they have the disadvantage of disagreeing with their neighbors, making it very hard for a contractor to really determine just what his various figures stand for.

The mills doing a lumber yard business in connection are apt to figure on some classes of materials usually left out by other mills, and sometimes they are able to secure contracts by including some of these materials by way of concessions. But however foolish it may seem, there is a tendency on the part of contractors to favor the lowest bidder, regardless of the inclusion of a lot of minor material by the higher man. If it is a blanket bid, he thinks that the mill man will furnish it all anyway under his contract, and there is where the lack of definition for the term "mill work" causes trouble.

Taking up some of the items in question, we find that in figuring mill work for the outside of houses and other buildings, a large number of mills will include all of the finishing lumber except siding, matched and beaded ceiling for the porches, and floors and decks for same. Other mills will also exclude the matched and beaded ceiling for the planchers, while still others will include only the moldings for the coracles, the columns and balustrades for balconies and porches.

Nearly all the mills include sawed rafter ends and cornice brackets, and ornamental lookouts, but do not include sawed sweeps and brackets used to furr out curves in roof or siding, presumably because they are not finished materials. The same is true of all grounds, bucks and floor strips, used in the later style of construction, although there is a growing effort on the part of contractors to have these items included in the mill work, as they should be. Quite a percentage of the specifications call for the bucks to be mortised and tenoned together and grooved for electric light and telephone wires; the grounds have to be

ripped to width, and in many cases planed to uniform thickness, and the floor strips that are laid in cement or concrete have to be beveled. This is work that has to be done in a mill of some kind, and if the lumber has to be bought new it might be of advantage to have it included in the mill-work bid. If the contractor has second-hand lumber that he desires to use up in this way, of course he would not want these items included in the bid, but this is generally the exception.

Unless otherwise mentioned, stair work is considered as mill work, yet many mills will not include anything but the main stairs in a residence. Perhaps there is a fine stair of hardwood, a basement stair, a rear stair and an attic stair, but the mill will figure only the main stairway, considering the others as carpenter work. The flooring for stair platforms is another item about which various mills differ. Some mills never include it at all, and other mills when the platform flooring and stair are of different kind of wood from the floor below. The last position seems the most logical one, for it is a lot of bother for a builder to go out and get just enough flooring of a certain wood for one or two platforms.

Another item of controversy is that of matched and beaded partition stuff for inside work. While some mills figure all of it all the time, other mills include it only when it is of some special wood to match the finish and is not to be bought in the lumber market ready-made. Some mills draw the dividing line at the materials that are required to be sanded, stained or varnished, in the way of ceiling and partition stuff.

The exclusion of flooring is quite general, and if even if no mention were made of it, it could not be forced under a blanket bid for mill work. However, in the case of show windows, where the flooring is different from the other floors, and has to be prepared for a fire finish, it is usually included.

The question of including glass in mill work bids is one of the most perplexing the estimator has to face, as regards policy. In the first place, the difference in price between glazed and open sash is so considerable that when the contractor gets a price on the glass and on the open sash, he thinks he can have the glass set himself for less money, thus giving a bidding advantage to the man who has excluded the glass from his bid. Other contractors who have had experience along this line with outside glaziers and broken glass, want the glass included all the time. But sometimes the architect puts his glazing specification in such a way that it is not practical for the mill to figure it at all.

Another item of much controversy is that of metal covered work of various kinds, ranging from store fronts and doors to interior trim. Many parts of store fronts and cornices are covered with sheet metal bent and broken to conform to the face of the wood molds underneath. In such cases it is the

policy of most wood-working mills to exclude such items from the mill work lists and let the metal contractors furnish the fillers for their sheet metal moldings. The question of wood trim for metal doors and windows is often an open one. In many cases the trim is metal, in others wood, while in many of the best buildings the plaster returns to the iron frame with only a small plaster mold in the angle. So it becomes very apparent that if nothing is said in the plans and specifications about the trim for metal windows, it is up to the mill to exclude them from a blanket bid.

Reverting again to the matter of stairs, it is the custom of mills in big cities to exclude stair work from the mill work bids for local jobs and for jobs handled by union labor. The reason for this is that in stair work it is the custom for the stair-builder who gets the work out to go out and set it up, but the carpenters' union objects to the wood-workers going outside to put up their own work. On account of this bitch the stair work in the big cities is done in carpenter shops, where the wood-workers are not wood-workers, but carpenters.

Since the development of fireproof buildings the wood work in stairs is confined mostly to residences, and does not effect the mill in bids on the big work. Nearly all of the iron railings have wood handrail, and this is generally included in mill work, but is occasionally specified to be furnished by the maker of the stairs. So it is very expedient to watch the specifications very closely.

The question as to what includes a cabinet trim job is very apt to provoke argument between contractor and mill man, for it is easy to claim inclusions on the one hand and exclusions on the other hand. To put up the trim complete and attach it to the jambs is considered by most mills as cabinet trim, but it might be made to include mortising the doors for locks, fitting same, hanging the doors and sash and applying all hardware possible, in the mill. It might include one, two or three coat work or complete finish and back painting.

The absence of adequate details at the time of figuring a job will cause the bidder to note many inclusions and exclusions that seem unnecessary to the contractor who is in possession of more information than he has furnished the mill man, but in these days of close competition we cannot afford to make our blanket cover too much indefinite work. If we include too much we lose the work altogether, and if we don't include enough we wish we had lost the job. As an old experienced mill man said a short time ago: "It is a matter of error and not of estimate, who gets the work. The man who makes the biggest blunder gets the job." And when an estimator lands a contract he has a sort of worried feeling until he has a chance to check his figures over again.

So it may be seen that some uniform idea of what really is mill work would

be of great convenience to the trade, would simplify estimates, eliminate many controversies and make mill work as distinct a class as that of hardware, tile or plaster.

WOOLWORTH BUILDING GREATEST ON EARTH.

The highest habitable structure on earth is the Woolworth building in New York. So much interest attaches to this remarkable structure, and so widely known is it, that now it is completed, after two and one-half years' construction work, we will give our readers a description of it.

This building is the most wonderful and marvelous piece of constructive engineering ever conceived or undertaken by man. Nearly 30,000 tons of steel were required in erecting the framework. It is said that not a single steel beam that went into this structure remained on the site of the building an hour after its arrival, before it was put in place. It was all brought to the building site practically on the minute, as it was impossible to store the material in the busy streets of lower New York.

Seventeen million bricks were required in the walls. Over 80,000 electric bulbs are used in the lighting of this structure. Strung less than three feet apart, these bulbs would light the entire 40 miles of water front around Manhattan Island.

The building has a total weight of 266,000,000 pounds. The engineers figured that at times this weight is increased by wind pressure to 250,000,000 pounds. It is designed to withstand a wind pressure of 250 miles an hour, a velocity which, if ever attained, would blow every building off Manhattan Island.

No other building since the creation of the earth has reached such a height as 910 feet, which is the height of the Woolworth building from its foundation at bed rock to the top of the tower. The Woolworth tower is 76 feet square and 55 stories high. The roof of the main building is 356 feet above the street. This main structure is 29 stories in height and covers a plot of ground approximately 150 by 200 feet.

The building contains 27 acres of rentable office space, and about 13 acres more is taken up with elevators and corridors. There is a battery of 28 elevators, 12 of which serve the tower above the main building. Every safety device known is provided, including air cushions, so that there is absolutely no danger, even though the average tenant will be able to get to his office from the street within 30 seconds. It takes just about one minute to go from the ground floor to the top office floor in one of the express elevators.

Some other features which give an idea of the work involved for the architect to plan the building are as follows: 3,000 hollow steel doors, 12 miles of marble trim, 43 miles of plumbing pipe, 7,500 tons of architectural terra cotta trim, 28,000 tons of hollow tile, 28,000 tons of terra cotta partitions.

The expression "absolutely fireproof" is often used in connection with the modern office buildings, but is rarely true. In the case of the Woolworth building, however, it is true. There is not a particle of wood in its construc-

tion. The doors, partitions and trim are all of steel, terra cotta and glass.

One of the most interesting features of the building is the tower, which contains an immense electric light, and which may be seen for many miles around New York. On the fifty-fourth story is a spacious observatory, which will soon be the Mecca for thousands of visitors of the metropolis of the country.

The exterior of the building is of creamy white stone and terra cotta design, a combination of the Italian, French and modern renaissance throughout the main part, with Gothic steeples at the roof. The grounds and buildings are said to have cost Frank Woolworth, the owner, about \$24,000,000, and experts in New York office building profits affirm that he will never be able to get in excess of 3 per cent per annum on his investment.

GAS APPLIANCE SALES CO. OF AMERICA AND ITS VARIED LINES.

The Gas Appliance Sales Co., of America is a new firm in name only. It was incorporated under the laws of New Jersey, January 1, 1913, and acts as a selling agency for a number of gas appliance factories, among them being the John Wood Mfg. Co., manufacturers of the E. W. Gas Water Heater line. Among their other prominent lines are Advanced Gas Steam Radiators, the Advanced System of copper coil radiation for general house heating. In independent gas water heaters they are agents for the Glover Triumph heater, manufactured by the Philadelphia Stove Co. and approved by the United Gas Improvement Company of Philadelphia Stove Co. and approved by the United Gas Improvement Co. of Philadelphia and sold by them and by all of their subsidiary companies throughout the United States. They are also agents in all Pacific Coast States for the Lawson Manufacturing Co. of Homestead, Pa., manufacturers of gas water heaters, gas stoves, etc. They are also agents for the Robertshaw Heat Regulators and Thermovalves. Also among their numerous other lines should be mentioned the Modern Safety Gas Sad Iron. It is claimed for this device that it can be operated for at least one-half the cost of any other gas sad iron thus far produced and at a very small fraction of the cost of operation of electric sad irons. Its popularity is evidenced by the fact that during the year 1912, 58,000 of them were sold in the city of Chicago alone. The Western division of the Gas Appliance Sales Co. of America is under the management of Mr. James Hamby, with offices in the Pacific Building, San Francisco, and branch offices in Los Angeles and Oakland.

CALIFORNIA ARCHITECTURAL COMMISSION.

A commission to consider the improvement of the architecture and surroundings of all public buildings, whether state, county, municipal, or school, has been created by the adoption of Senator Bird's concurrent resolution by the State Legislature. Three legislators from each house, and an advisory committee of sculptors,

painters and architects are to constitute the commission. The bill provides as follows:

Senate Concurrent Resolution No. 10. Relative to the Appointment of a Committee of the Legislature to Consist of Three Senators and Three Assemblymen, Which Committee Shall Have Power to Appoint an Advisory Committee of Architects, Sculptors and Painters to Constitute a Commission with a View of Reporting to the Governor Ways and Means of Improving the Standard of Architecture and Painting in the Furnishing, Decoration, Repair and Construction of All State, County, School and Municipal Buildings, Grounds and Public Works Throughout This State.

Whereas, The state and various counties, municipality and school districts thereof have from time to time expended large sums of public moneys for the furnishing, decorating, repairing and construction of various public buildings, structures, works, and grounds; and,

Whereas, Said expenditures have in the past been made without reference to maintaining a definite high standard of architecture, sculpture, and painting; and,

Whereas, The results obtained for such expenditures in many instances, from lack of proper advice or complete investigation, are inadequately planned and much below what the people of this civilized state are entitled to receive; and,

Whereas, The State of California, with its rich heritage of climate and all inspiring scenery is pregnant with an art that should rival ancient Greece and Italy; and,

Whereas, The citizens of this state by their labor and industry, and by the early establishment of an unequalled educational system have advanced to a culture which decries the unprofitable and unsightly perpetuation of the makeshifts and temporary and hasty structures which in pioneer times were necessary; and,

Whereas, The citizens of this state are entitled to the development of standards of architecture, sculpture and painting equal to, if not better, than those existing in the eastern and middle western sections of these United States; and,

Whereas, The State of Illinois, the City of New York and other states and municipalities have by the establishment of art commissions and other regulating bodies definitely taken steps to elevate and maintain such standards of architecture, sculpture and painting; now, therefore, be it

Resolved by the Senate of the State of California, the Assembly concurring, that a committee of three senators and three members of the Assembly be appointed by the president pro tem. of the Senate and by the speaker of the Assembly, which committee shall have power and it shall be its duty to appoint as advisory members thereof, three architects, a painter, a sculptor, and a lawyer, all of whom are known for their desire to improve standard of architecture, sculpture and painting, which committee shall constitute a commission to investigate and report to the governor, ways and means of improving and elevating throughout this state, the standard of architecture, sculpture and painting on all state.

county, school district and municipal buildings, grounds and public works; and the furnishing, decorating and embellishment thereof; and be it further

Resolved, That said report, together with the recommendations of said commission, shall be filed with the

governor at least forty days prior to the convening of the forty-second session of the California State Legislature; and be it further

Resolved, That the investigations and report of said commission shall be conducted and made without expense to the state.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$35,000. Architect, Miss Sutro, 2400 Van Ness Ave., S. F. Owner, Mrs. Clara Sutro, 2400 Van Ness Ave., S. F. The building will be erected on Pine street between Jones and Leavenworth and covers a considerable area. Apartments will be arranged in suites of two and three rooms with bath and wall beds. Interior finish will be of pine and elm. Hardwood floors will be used in the principal rooms. There will be steam heat, an automatic elevator and vacuum cleaning system. Bath rooms will have cement floors. Exterior of the building will be covered with cement plaster and brick veneer. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, none. Owner, Louis Lee, 5 Le Roy Place, S. F. The building will be erected on Pine street between Jones and Leavenworth streets. Interior will be arranged for two and three room apartments. There will be steam heat and an automatic elevator. All suites will have private bath rooms and wall beds. Interior finish will be of pine and elm panels. Some hardwood floors will be used. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, W. G. Hind, 16 Kearny St., S. F. Owner's name withheld. The building will be erected on the south side of Clay street between Jones and Leavenworth, and has been designed to contain six three-room apartments and six five-room suites. Interior will be finished in pine and hardwoods. A large entrance lobby, finished in the style of Louis XV, will be one of the features of the building. There will be a central heating system, vacuum cleaning plant and hot water supply. Hardwood floors will be used. All apartments will have private baths and will be equipped with wall beds. Marble and tile will be used in the vestibule. Exterior of the building will be covered with cement plaster. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, O. E. Evans, 2367 Mission St., S. F. Owner's name withheld. The building will be erected on 8th avenue between Clement and Geary streets. There will be a number of three-room apartments. Interior will be finished in pine with some hardwood floors. Plans provide for a central heating system. All suites will have private

baths and wall beds. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$50,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected on Filbert street, and will be designed in the Gothic style. Apartments will range from five to seven rooms, the larger suites having servants' rooms and more than one bath. Interior finish will meet the requirements of the lessees. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Bath rooms will have composition floors and tile wainscot. All suites will be equipped with wall beds. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The building will be erected in the Western Addition and has been designed to contain six apartments of four rooms and bath each. Interiors will be finished in pine with some elm panels and hardwood floors. A central heating system will be installed. All suites will be equipped with wall beds and will have private baths. Bath rooms will be finished in cement plaster. Exterior of the building will be covered with cement plaster on metal lath. Plans are now nearly completed.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Filbert street in the rear of a large five-story reinforced concrete apartment house. Suites will contain two and three rooms and bath. Interior finish will be of pine with some elm panels. All apartments will be equipped with wall beds and will have private bath rooms. The exterior of the building will be covered with rustic and cement plaster. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 4 story and base, brick and steel, \$70,000. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. This building was mentioned here recently when the architect was first commissioned to prepare plans. The structure will be erected at the corner of 12th and Grove streets and will have a complete steel frame. Interior will be arranged for two and three room suites with wall beds and private baths. Interior finish will be of pine and hardwoods. Bath rooms

will be finished in tile and composition. There will be steam heat, elevator service, a vacuum cleaning system and other modern conveniences. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken on the work.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, frame, \$35,000. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, Mr. Myers. The building will be erected on Atlantic street near Ocean avenue and has been designed in the Mission style. There will be a total of 112 rooms besides a large lobby and parlor. Suites will contain two and three rooms with private baths and wall beds. Interior finish will be of pine and hardwoods. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with cement plaster on metal lath. Some clay tile will be used on the roofs. Plans are now being prepared.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 4 story and base. Class C construction, \$46,750. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, Fred L. Dennis Contractor, J. H. Pence, Stimson Bldg., L. A. Contract price, \$46,750.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel, \$40,000. Architect, M. S. Yeager & Co. Trust and Savings Bldg., L. A. Owner, Anna Baker. Contractors, Pacific States Investment Co., 107 South Broadway, L. A. Contract price, \$40,000.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and frame, \$25,000. Architect James H. Schack, Lippy Bldg., Seattle. Owner, C. D. Stinson. Contractor, H. F. Allen, 1421 East Valley street, Seattle. Contract price, \$25,000.

BANKS.

Contracts Awarded.

REDLANDS, SAN BERNARDINO CO., CAL.—Bank, 2 story and base. Class A construction, \$75,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. Contractors, Los Angeles Paving Mill Co., 1812 Industrial St., L. A. Contract price, \$60,000. Note: This contract does not include plumbing, heating, electric work, or vault work. These portions of the work will be awarded later.

BRIDGES, DAMS AND HARBOR WORK.

Contracts Awarded.

SEATTLE, WASH.—Reconstructing power dam, reinforced concrete, \$500,000. Engineer, Daniel W. Meade, Seattle. Owner, Olympia Power Co. Contractor, James E. Heyworth, Chicago. Contract price, \$500,000.

JASTRO, CAL.—Trestle bridge, reinforced concrete, \$100,000. Engineer, Engineering Department Santa Fe R. R. Co. Owners, Santa Fe R. R. Co. Contractor, Charles W. Corbaley, H. W. Hellman Bldg., L. A. Contract price, \$100,000.

CHURCHES.

SAN PEDRO, LOS ANGELES CO., CAL.—Church, 4 story and base, reinforced concrete, \$100,000. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, First Methodist Church of San Pedro. This building is designed for a combination church and institutional building. The structure will cover an area of 120x120 feet. There will be a main auditorium seating 700 people, Sunday school rooms, social halls, a completely equipped educational department and about 70 rooms and baths. Construction will be practically fireproof. Interior will be finished in pine and hardwoods. There will be steam heat and elevator service. Exterior of the building will be faced with cement plaster. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Church, brick and frame. Cost not stated. Architect, J. B. Ogborn, Richmond. Owners, Presbyterian Church. This work has been mentioned here before. The excavating and concrete foundation work has been completed by Day Labor. Construction of the main portion of the building will be undertaken as soon as funds can be raised. Plans for this work have been approved by the Building Committee.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Factory, 4 story and base, frame, \$150,000. Architect, none. Owner, Restmore Mfg. Co., Seattle. The building will cover an area of 252x80 feet and is to be erected at the corner of Napier and Boundary avenue. The Restmores are well known mattress manufacturers. The building will be carried on a pile foundation. There will be steel rolling doors, an automatic sprinkler system and elevator service. The building will be covered with shiplap. Fire escapes are specified. Plans will be completed as rapidly as possible and bids will be taken by the owners.

VANCOUVER, B. C.—Factory, 4 story and base, brick construction, \$150,000. Engineer, Engineering Department American Can Co. Owners, American Can Co. Plans have been completed and work will be started within a short time on a four story factory building covering an area of 160x124 feet. Specifications include fireproof doors, metal window sash and frames, automatic sprinkler system, fire escapes, elevator service and a boiler plant. Concrete stairways will be used throughout. Exterior of the building will be faced with stock brick. Plans are in the hands of the owners and the work will be done by Day Labor.

SEATTLE, WASH.—Factory, 5 story and base, reinforced concrete, \$250,000. Architect John Graham, Lyon Bldg., Seattle. Owners Ford Motor Car Co. Contractor, Hans Pederson, Madison Bldg., Seattle. Contract price, \$250,000. This contract does not include plumbing heating or electric work. The Evans-Almoral Co., New York, has a contract for the heating and figures will be taken shortly for the electric work and plumbing.

Contracts Awarded.

WENATCHEE, WASH.—Warehouse, 2 story and base, brick, \$40,000. Architects Bebb & Mendel, Seattle. Own-

ers, Wenatchee Fruit Growers Exchange. Contractors, Far West Clay Co., Tacoma, hollow tile work, and Dennison Block Construction Co., Tacoma, general construction. Contract price, \$40,000.

VANCOUVER, B. C.—Ice and cold storage plant, 4 story and base, mill construction, \$150,000. Architects, Gould & Wood Rogers Bldg., Vancouver. Owners, Mainland Ice and Cold Storage Co. Contractors, Bayles & Horie, Davis Chambers Bldg., Vancouver. Contract price, \$150,000.

FIRE HOUSES.

GLENDALE, LOS ANGELES CO., CAL.—Firehouse, 2 story and base, brick. Cost not stated. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. The building will cover an area of 50x70 feet. The first floor will be arranged for four pieces of apparatus and will have a cement floor. Upper floor will be divided into three rooms, with bath and showers, library and chief's office. Interior will be finished in pine and hardwood. There will be steam heat. Exterior of the building will be faced with ruffled brick. Special electrical work will be let in another contract. Plans are now being prepared.

Contracts Awarded.

SAN FRANCISCO—Police station, 2 story, brick and stone, \$33,480. Architect, City Department of Architecture. Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, O. C. Holt, S. F. Contract price, \$33,480. Note: This contract is for the construction of the new Harbor Police station.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$9,000. Architect, O. E. Evans, 2367 Mission St., S. F. Owner's name withheld. The building, which has been designed to contain four modern flats, will be erected on Harper street near 30th. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Flats will contain five and six rooms and bath. There will be an open fire place in each living room. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with brick veneer and shiplap. Plans are now nearly complete for this work.

SAN FRANCISCO—Flats, 3 story and base, frame, \$12,000. Architect, E. H. Denke, 1317 Hyde St., S. F. Owner, Mrs. J. Fleley. The building has been designed to contain four flats and a doctor's office. The building will be located on Sutter street west of Webster. Flats will contain four and five rooms. Interiors will be finished in pine and hardwood with hardwood floors in the principal rooms. All living rooms will have open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, none.

Owner, I. C. Conner, 578 10th Ave., S. F. The building will be erected on 5th avenue south of Clement street and will cover an area of 25x56 feet. There will be two flats of five and six rooms each. Interiors will be finished in pine throughout. Hardwood floors will be used in some of the rooms. Each flat will have a bath finished in tile and cement plaster. Tile will also be used in the kitchens. Large open fire places with brick or tile mantels will be used in the living rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, Harry Wicks, 379 27th street, Oakland. The building has been designed to contain two modern flats of five and six rooms each. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be an open fire place in each living room. Mantel will be of brick or tile. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is now taking figures on the work.

GARAGES.

SAN FRANCISCO—Garage and social hall, 3 story and base, Class B, \$50,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will cover a large ground area and is to be erected on Golden Gate avenue near Van Ness. The first floor will be arranged for an automobile sales room and is to be handsomely finished in pine, hardwoods ornamental plaster and tile. Upper floor will be fitted up for social and lodge halls and will be finished in pine with a maple floor. There will be considerable structural steel used. Exterior will be faced with pressed brick. Marble and tile will be used extensively. There will be a cement first floor and patent store fronts. Metal window sash and frames will be specified. Plans are being prepared.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, none. Owner, Mr. Reese. Plans have been prepared by a contractor for this work. The building is designed for a commercial garage and will contain, besides the storage space, a completely equipped machine shop. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. The work will probably be done by Day Labor.

PORTLAND, ORE.—Garage and dance hall, 3 story and base, brick and steel, \$60,000. Architect, Robert F. Tegen, Swetland Bldg., Portland. Owners, Ringer Dancing Academy. The building will be erected at the corner of 14th and Burnside streets and will cover an area of 60x200 feet. The basement, first and second floors will be used for a commercial garage and machine shop. Third floor will be fitted up for a dancing academy and will be finished in pine and ornamental plaster. There will be metal window sash and frames. Plans provide for

steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

PATTERSON, STANISLAUS CO., CAL.—Garage, 1 story and base, reinforced concrete, \$12,000. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, Thomas Patterson. The building has been designed for a commercial garage, and is to be in the Mission style, covering an area of 60x178 feet. The front portion of the building, occupying a space of 24 feet square, will be arranged for sales rooms and will have a tile floor, hardwood trim and plate glass display windows in patent store fronts. Metal window sash and frames are specified throughout. A tile roof will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

SEATTLE, WASH.—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, Harvard Building Co. Contractor, Otto Roseleaf, Lowman Bldg., Seattle. Contract price not stated. Note: The building will cover an area of 120x146 feet.

GOVERNMENT WORK AND SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Fresno, Cal., Elevator, July 17.
Faunt Le Roy Elevator Co., Baltimore, Md.
Stoner, Shaw & Co. (Ltd.), Pittsburgh, Pa.
The Gurney Elevator Co., 862 W. 45th street, New York city.
The Maintenance Co., 56 Franklin street, New York city.
Kleekefer Elevator Co., Milwaukee, Wis.
Rhode Island Elevator and Machine Co., 1123 Broadway, New York city.
Albro-Clem Elevator Co., 7th and Glen streets, Philadelphia, Pa.
Standard Plunger Elevator Co., Corcoran Bldg., Washington, D. C.
The J. H. Reedy Co., 11 W. 2nd street, Cincinnati, Ohio.
Llewellyn Iron Works, Los Angeles, Cal.
A. B. See Elevator Co., St. Paul Bldg., New York city.
Warsaw Elevator Co., 242 State St., Rochester, N. Y.

Warm Springs Reservation, Bridge.

All bids received April 14th by the commissioner of Indian Affairs, Department of the Interior, Washington, D. C., for the construction of a steel highway bridge across the Deschutes River, Warm Springs reservation, have been rejected.

Light House Service, Pump Repairs.

The following bids were received by the light house inspector, nineteenth district, Honolulu, T. H., on May 22nd for repairs to rinks for horse power cylinders and repairs to circulating pump:

Nellis Workshop, Honolulu, T. H., \$115; accepted.
Honolulu Iron Works Co., Honolulu, T. H., \$160.

Catton, Neill & Co., Ltd., Honolulu, T. H., \$193.

San Francisco Appraiser's Stores, Wiring.

The contract for the reconstruction of electric wiring and lighting fixtures, etc., in the U. S. appraiser's stores, San Francisco, Cal., has been awarded to the General Electrical Construction Co., 223 Minna street, San Francisco, Cal., at \$8,395.

San Francisco, Cal., M. H., Wiring, Etc.

The contract for conduit and wiring system for the U. S. marine hospital at San Francisco has been awarded to the Decker Electric construction Co., San Francisco, at \$2,725.

Light House Service, Boiler Tubes.

The following bids were received by the light house inspector, 17th district, Portland, Ore., May 3rd for boiler tubes for light vessel No. 88:

Crane Co., \$1,323.72.
J. T. Ryerson & Son, \$1,077.56; accepted.

Transformers, Reclamation Service.

The following bids were opened at Los Angeles, Cal., for San River project, transformers, adv. No. 202:

Item 1 (2 7½ Kv-a), price T. & P. of Del.; **item 2 (1 5 Kv-a),** price T. & P. of Del.; **item 3 (2 1 Kv-a),** price T. & P. of Del.

Crocker-Wheeler Co., Los Angeles, Cal., item 1, \$125.50, 10 days, Ampere, N. J.; 2, \$50.40, 10 days, Ampere, N. J.; 3, \$10, 10 days, Ampere, N. J.

Wagner Electric and Machine Co., Los Angeles, Cal., item 1, \$125.16, 20 days, St. Louis, Mo.; 2, \$46.60, 2 days, St. Louis, Mo.; 3, \$38.88, 2 days, St. Louis, Mo.

Allis-Chalmers Machine Co., Los Angeles, Cal., item 1, \$140, 10 working days, East Norwood, Ohio; 2, \$55, 10 working days, East Norwood, Ohio; 3, \$44, 10 working days, East Norwood, Ohio.

Moloney Electric Co., St. Louis, Mo., item 1, \$135.92, 30 days, St. Louis, Mo.; 2, \$50.90, 30 days, St. Louis, Mo.; 3, \$41.16, 30 days, St. Louis, Mo.

General Electric Co., Los Angeles, Cal., item 1, \$150.48, 3 days, Pittsfield, Mass.; 2, \$36.86, 3 days, Pittsfield, Mass.; 3, \$46.18, 3 days, Pittsfield, Mass.

Westinghouse Electric and Manufacturing Co., Los Angeles, Cal., item 1, \$155.54, 10 days, East Pittsburgh; 2, \$51.10, 10 days, East Pittsburgh; 3, \$15.57, 10 days, East Pittsburgh.

E. F. Kierulff & Co., Los Angeles, Cal., item 1, \$142.56, 7 days, Fort Wayne; 2, \$53.87, 7 days, Fort Wayne; 3, \$43.74, 7 days, Fort Wayne.

HALLS AND SOCIETY BUILDINGS.

PORTLAND, ORE.—Lodge hall, 2 story and base, brick and steel, \$60,000. Architects, Clausen & Clausen, Maclean Bldg., Portland. This building has been mentioned here when the architects were first commissioned to prepare the plans. The building will be erected on a corner site and covers a large area. Basement will contain a rathskellar, junior's apartments, billiard and pool rooms, bowling alleys and a large swimming tank. First floor will be arranged for an auditorium seating 750 people, with stage, ladies' and gentlemen's parlors and re-

freshment room. Second floor will be given over to the gymnasium and rest rooms. Interior finish will be of pine and hardwoods. There will be steam heat and special plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PASADENA, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick and steel, \$65,000. Architects, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owners, Odd Fellows Hall Association. All bids received at the meeting of the Building Committee on June 27th were rejected as being above the amount available. Plans will be revised and new figures will be called for at once. The structure will be of semi-fire-proof construction and will be arranged for a lodge room on the first floor, library and social rooms on the second floor and living apartments on the third floor. Interior finish will be of pine and hardwood. There will be a steam heating system and vacuum cleaning system. Exterior of the building will be faced with pressed brick.

TILLAMOOK, ORE.—Lodge hall, 2 story and base, brick and steel. Cost not stated. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Masonic Temple Association. This building has been mentioned here before when the architect was first commissioned to prepare plans. The building will cover an area of 78x105 feet. First floor will contain a number of stores, while the second floor will be arranged for a lodge room, offices and a number of living apartments. Interior will be finished in pine and hardwoods. There will be disappearing beds, private baths and steam heat. Exterior will be faced with pressed brick. Plans are complete and figures have been taken. A contract will be awarded shortly.

LOS ANGELES, CAL.—Lodge hall, 4 story and base. Class B construction, \$62,593. Architect, Alfred C. Martin, Higgins Bldg., L. A. Owners, Knights of Columbus. Contractor, Los Angeles Planing Mill Co., 1812 Industrial St., L. A. Contract price, \$62,593.

HOSPITALS.

JUNEAU, ALASKA—Hospital, 4 story and base, reinforced concrete, \$60,000. Architect, Julian Everett, Walker Bldg., Seattle. Owners, Sisters Hospital. This is the first unit of a large project which will be erected in Juneau. This building will cover an area of 40x110 feet and will contain public and private wards, private rooms, nurses' quarters and operating rooms. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service and hot water plant. Considerable tile and marble will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared and when complete the work will be done by Day Labor under the personal direction of the architect.

SEATTLE, WASH.—Hospital group, 9, 1 story frame buildings, \$22,050. Architect, Ben F. Smith, Building Department, Seattle. Owners City of Seattle. This group of buildings is to be known as the Louis Itescu Home, and will consist of an administration building, ward buildings, dormitory, kitchen and dining room. Construc-

tion will be of frame throughout. Interior finish will be of pine. There will be a central heating system. Operating rooms will be finished in tile and white enamel. Exterior of the group will be covered with rustic. Preliminary plans only have been prepared and construction will not be assured until bonds have been voted.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Post street between Larkin and Polk streets, and has been designed to contain a total of sixty guest rooms and thirty baths. Interior will be finished in pine with some hardwood. Plans provide for steam heat, elevator service and a hot water system. Bath rooms will have composition floors and tile wainscot. Wall beds will be used. Exterior of the building will be faced with pressed brick. Tile and marble will be used in the entrance vestibule and lobby. Plans are being prepared.

SAN FRANCISCO—Hotel and stores, 2 story and base, brick and steel. Cost not stated. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owners, Hop Wo Enevolent Society. This building will be erected on Clay street and has been described in these columns before when plans contemplated a four-story structure. There will be stores on the first floor and a number of single rooms above. Interior finish will be of pine throughout. Several baths will be located on each of the upper floors. Running water will be supplied to all rooms. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$30,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Turk street near Taylor and will cover an area of 24-4½x137½ feet. There will be a store besides the hotel lobby on a first floor. Upper floors will be divided into 108 guest rooms, 75 per cent of which will have private baths. Interior will be finished in blue gum and other hardwoods. Ornamental plaster and tile will be used in the lobby and parlors. Plans provide for steam heat, elevator service, a vacuum cleaning system, wall beds and hot water system. Electric curling irons will be used in all rooms. Bath rooms will be finished in tile. Marble and tile will be used in the lobby. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and segregated bids will be taken.

SAN FRANCISCO—Hotel, 2 story and base, brick. Cost not stated. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected in Chinatown and has been designed for a store and entrance on the first floor. Upper floor will be arranged for a number of single rooms. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

OAKLAND, CAL.—Hotel, 8 story and base. Class A construction, \$110,000. Architect, William Wilde, Albany Bldg., Oakland. Owner, O. J. Mead. A site at the southeast corner of 10th and Clay streets has been secured and a building covering 50x100 feet will be erected as soon as plans can be prepared. There will be stores on the first floor besides a large hotel lobby and offices. Upper seven floors will be arranged for single rooms, a large proportion of which will have connecting baths. There will be a complete steel frame and exterior walls of brick, faced with pressed brick and terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. Floors will be of concrete. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot and cold running water. Interior finish will be of pine and hardwoods with tile and marble wainscot. Bath rooms will be finished in tile. Metal window sash and frames will be used. Plans are now being prepared.

OAKLAND, CAL.—Hotel, 6 story and base, brick and steel, \$60,000. Architect, William Wilde, Albany Bldg., Oakland. Owner, Charles Street. The building will be erected at the northeast corner of 10th and Franklin streets and covers a large area. There will be stores on the first floor besides the hotel lobby. Upper floors will be arranged for single rooms and baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service, a vacuum cleaning system and hot water plant. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and stone. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, William Neuer. The building will be erected at the corner of Gladys and 6th streets. There will be stores on the first floor besides a large hotel lobby and office. Upper floors will be divided into about 100 guest rooms and 40 baths. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. The building will be erected on 6th street near Hope, and will cover an area of 100x120 feet. There will be a number of stores besides the lobby on the first floor. Upper floors will be arranged for 69 guest rooms and a number of baths. Interior will be finished in pine throughout. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will have composition floors and tile wainscot. There will be metal window sash and frames. Considerable structural steel will be used. Exterior will be faced with pressed brick. Patent store fronts are specified. Plans are complete and figures will be called for at once.

PORTLAND, ORE.—Hotel, 3 story and base, brick. Cost not stated. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, Messrs Fisher and

Thorsen. The building will be erected on a corner lot and will cover an area of 100 feet square. Interior will be arranged for stores on the first floor and about 100 guest rooms on the upper two floors. There will be steam heat and a hot water supply. Interior finish will be of pine with some ornamental plaster used in the lobby. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are complete and figures are now being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$100,000. Architect, J. B. Nicholson, Wright and Callender Bldg., L. A. Owner, Henry Laub. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$100,000.

TOLT, WASH.—Hotel, 2 story and base, frame and cement, \$15,000. Architects, W. P. White and O. F. Nelson, Walker Bldg., Seattle. Owner, R. Croes. Contractor, G. F. Wentzell, 1005 16th St., Seattle. Contract price, \$15,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

Contracts Awarded.

DINUBA AND LONE STAR, TULARE CO., CAL.—Passenger stations, 1 story and base, brick, \$15,000 each. Engineer, Engineering Department Santa Fe R. R. Co. Owners, Santa Fe R. R. Co. Contractors, Yard & Highborn, \$11 Trust and Savings Bldg., L. A. Contract price, \$15,000 each.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Rock surface and drainage system for drill ground and race tract. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened by the Buildings and Grounds Committee on July 3rd for laying rock surface and installing a drainage system in the drill grounds and race track. Separate bids will be received for the rock surfacing and the drainage system. Plans can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Removing, resetting and constructing foundations and drains for quartermaster stores 1, 2, 3, and 4. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Three separate bids will be received on July 10th for the following work in connection with the removal of Quartermaster Store Houses Nos. 1, 2, 3 and 4: (a) removing and resetting, (b) constructing roadway, excavating and grading and (c) concrete foundations piers and timber drains. Plans can be secured from the Director of Works, Service Bldg. Official proposal for this work appears under the heading Official Advertising in this issue.

RESIDENCES.

SAN FRANCISCO—Residences, 3, 1½ story and base, frame, \$2,000 each. Architect, none. Owners, Oscar Heyman & Bros., 742 Market St., S. F. These dwellings will be erected on Pennsylvania north of 20th street. Each house has been designed for a six-room dwelling with bath. Interior finish will be of pine throughout. Hard-

wood floors will be used in the living and dining rooms. Large open fire places with brick and tile mantels will be used in the living and dining rooms. Tile will be used in the baths and kitchens. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on 16th avenue south of Clement street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some oak floors. There will be a large open fire place with brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,400. Architect, O. E. Evans, 2376 Mission St., S. F. Owner, Mrs. Brown. The dwelling has been designed for a six-room house and will be erected in the Crocker Amazon Tract. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place with brick mantel in the living room. Bath room will have cement plaster wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with shiplap and rustic. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residence, 1 story and base, frame, \$3,000. Architect, Creighton Withers, Stanford Court, S. F. Owner, M. F. Carles. The dwelling will be erected at the corner of Alma and Schrader streets and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 1 story and base, frame, \$2,000. Architect, none. Owner, William F. Lange, 543 37th avenue, S. F. The dwelling has been designed for a six-room house with bath. Interior finish will be of pine with some redwood. Hardwood floors will be used in the principal rooms. There will be an open fire place in the living room with brick mantel. Exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Linda C. Avenall. This dwelling has been mentioned here before. Plans are now complete and figures are being taken. The house will contain in the neighborhood of

eight rooms, baths and a laundry. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath and brick veneer.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. John Birmingham. The dwelling will be erected on Pine street near Stockton and has been designed to contain eight rooms and bath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and a contract will be awarded shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architects, Hutchinson Bros., 470 13th St., Oakland. Owner, Mrs. Chamberlain. The house will be erected on Valle Vista avenue, and has been designed for an eight-room dwelling with baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Prof. C. L. Cory. The dwelling will be erected on Waring street near Dwight Way, and has been designed to contain ten rooms, baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN LEANDRO, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Louis M. Upton, Mutual Bank Bldg., S. F. Owner, James Dulziel. This house will be erected on the Foothill Boulevard, and is to contain in the neighborhood of ten rooms, baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, A. H. Gerdt. The

house will contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot. An automatic water heater will also be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Knight. The house will be erected in Northbrae, and has been designed to contain eight rooms, bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared for the work and bids will be called for shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,600. Architect, none. Owner, George D. Ellis, 1929 24th Ave., Oakland. The dwelling will be erected at the corner of 7th avenue and East 23rd street, and will contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and in the hands of the owner, who will do the work by Day Labor. He is now in the market for all materials.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George P. Baxter. The dwelling will be erected in Claremont, and is designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be wainscoted with tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL. Residences, frame construction. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Tom Dickey, Stockton, 1 story frame, \$2,000; N. W. Gross, 234 East Main street, remodel brick building, \$2,000; E. J. Matteson, 1140 East Market street, 3 story, frame flats, \$6,000; E. A. Babcock, Stockton, 1 story, frame cottage, \$1,000, and George Wolf Bros., 430 East Main, remodel brick building, \$4,450.

SACRAMENTO, CAL.—Residences, frame construction. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in Sacramento: W. E. Darby, 319 Pine street, frame dwelling, \$2,000;

—SCHOOLS—

L. Summerfield, 1920 L street, frame dwelling, \$2,500; C. T. Chimson, 310 19th street, frame dwelling, \$2,400, and H. Y. Stewart, 121 F street, frame dwelling, \$2,500.

SAN FRANCISCO—Residence, 2 story and base, frame, \$14,000. Architect, Thompson, 2440 16th St., S. F. Owner, Louis Glass, Shreve Bldg. The dwelling will be erected at Baker's Beach, and has been designed to contain twelve rooms, sleeping porch and baths. Interior will be finished in pine and hardwood. Hardwood floors will be used throughout. There will be a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed and perhaps a vacuum cleaning system. Exterior of the dwelling will be covered with cement plaster. Plans are complete.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Samuel L. Depew, 740 Broadway, S. F. The house will be erected on 35th avenue near Fulton, and has been designed for a six-room dwelling. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shiplap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$15,000. Architects, Cunningham & Polite, First National Bank Bldg., S. F. Owner, Edward Beck. The dwelling will be erected on Lee street east of Monticello, and has been designed to contain twelve rooms, bath, laundry and sleeping porches. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. Plans provide for a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. All bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

SACRAMENTO, CAL.—Residences, 1 story and base, frame. Cost not stated. Architects, none. The following Day Work jobs are reported, in addition to those previously noted, as about to be started at Sacramento: O. Valine, 1215 D street, 1 story frame cottage, \$1,400, and O. H. Moore, 2003 35th street, 1 story frame cottage, \$1,500.

CAPISTRANO, ORANGE CO., CAL.—Residence, 2 story and base, reinforced concrete, \$35,000. Architects, Walker & Vawter, Itherrnau Bldg., L. A. Owner, Grace Dolph. The building will be of fireproof construction, and will contain a music room, library, living rooms, dining room and kitchen department on the first floor and five bed rooms and five baths on the second floor. There will be a central heating system, vacuum cleaning plant and hot water supply. Interior will be finished in pine and hardwoods. Exterior of the dwelling will be faced with cement plaster. Plans are now being prepared.

MYRTLE POINT, ORE.—School, 1 story and base, frame and concrete, \$15,000. Architect, Newton C. Gaunt, Chamber of Commerce Bldg., Portland. Owners, Myrtle Point School District, Coos County. The building will contain four class rooms. Interior will be finished in pine with maple floors. A steam heating system will be installed. Exterior of the building will be faced with cement plaster. Plans will be completed within a week and forwarded to S. D. Bulford, Clerk of School District No. 41, Coos County.

FRESNO, FRESNO CO., CAL.—Schools, brick construction. Cost not stated. Architects not selected. Owners, City of Fresno. Bonds to the amount of \$100,000 will shortly be voted on to provide new school buildings for the city. The present Hawthorne School will be replaced with a new brick building, and a number of other school buildings will be erected if the bonds carry.

HANFORD, KINGS CO., CAL.—School, 1 story and base, brick, \$10,000. Architect J. Carl Thayer, Forsyth Bldg., Fresno. Owners, Hanford School District. The building has been mentioned here before when the architect was first commissioned to prepare plans. There will be four class rooms. Interior finish will be of pine throughout. Stoves will be used for heating. Exterior will be faced with cement plaster. Plans are complete and figures will be opened by the Board of School Trustees on July 7th. Plans can be had from the architect or the Clerk of the School Board.

PORTLAND, ORE.—College buildings, 3 story and 1 story, brick construction, \$55,000 and \$60,000 respectively. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owners, Oregon Agricultural College. This work has been mentioned in a recent issue. The three-story structure will be designed for a domestic science building and will contain a cafe, kitchen, dining rooms and serving department on the first floor and laboratories on the upper two floors. The gymnasium only one wing of which will be erected at this time, will cover an area of 90x150 feet. There will be a swimming tank 50x100 feet, hand ball courts, running track and gallery. Plans for these buildings are complete and figures are being taken.

Contracts Awarded.

STANWOOD, WA.—School, 2 story and base, brick, \$21,350. Architect, none. Owners, Stanwood School District. Contractor, T. N. Morgan, Everett. Contract price, \$21,350.

SAN FRANCISCO—School, 2 story and base, brick and concrete, \$12,254. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Carnahan & Mulford, S. F. Contract price, \$12,254. Note: This contract is for the general construction of the Columbus School.

SAN FRANCISCO—School, 2 story and base, brick and steel, \$82,424. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Carnahan & Mulford, S. F. Contract price, \$82,424. Note: This contract is for the general construction of the Glenn Park School.

NORTH BEND, ORE.—School, 2 story and base, brick. Cost not stated. Architect's name not given. Owners, North Bend School District. Contractor, E. B. Fish, North Bend, general construction, \$16,800. This contract does not include plumbing and heating.

SEWERS, STREET WORK AND WATER SYSTEMS.

BAKER CITY, ORE.—Municipal light and power plant, \$25,000. Engineers, Standard & Richardson, Henry Bldg., Portland. Owners, Baker City. The equipment will consist of a 100 K. W. generator, 150 H. P. engine and a distributing system, together with the necessary equipment to complete a general system, such as transformers, etc. Plans will be ready for figures within the next week or ten days.

CON AWARD k

PORTLAND, ORE.—Power house, 1 story, reinforced concrete construction, \$20,000. Architect, none. Owners, Good Samaritan Hospital. Contractor, Al. Bingham, Portland. Contract price, \$20,000.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores, 1 story and base, brick. Cost not stated. Architect, L. Mastrospasqua, 550 Washington St., S. F. Owner, Giovanni Cunco. The building will be erected on Sansome street south of Pacific, and will have a frontage of 40 feet and a depth of 90 feet. There will be two stores. Interior finish will be of pine throughout. Plans provide for plate glass display windows in patent store fronts. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Offices, 1 story, frame, \$3,000. Architect Frederick Soderberg Union Savings Bank Bldg., Oakland. Owners, Howard Co. The building will be erected at the corner of First and Market streets, and has been designed to contain the offices of the Howard Company. Interior will be finished in pine with some hardwoods. The exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores and theatre, 2 story and base, brick, \$25,000. Architect none. Owner, C. M. Barnes, Portland. The building will be erected on 20th street at the corner of Hawthorne, and will cover an area of 95x119 feet. One section of the building will be but one story high and this will contain the theatre. The rest of the building will be two stories high with stores on the first floor and offices above. Interior will be finished in pine throughout. A cement floor will be used in the theatre. Exterior will be faced with cement plaster and pressed brick. Plans are complete and the work will be done by Day Labor under the direction of A. O. Walters, 42 East 75th street.

FRESNO, FRESNO CO., CAL.—Department store, 4 story and base, Class A construction, \$160,000. Architect, C. A. Meussdorfer, Humboldt Bank Bldg., S. F. Owners, E. Gottschalk & Co. Plans for this building, which has been mentioned here before, have been out for figures. Bids are now being tabulated in the offices of the archi-

fect. About 126 bids for the general construction and on the segregated parts of the work were received. Further mention of the awards will be made here next week.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Stores and offices, 4 story and base, reinforced concrete. Cost not stated. Architect, J. Corbly Poole, Santa Barbara. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, John S. Hawley. The building will cover an area of 100x230 feet. The first floor has been arranged for ten stores and upper floors for a total of 102 offices. Plans provide for steam heat, two elevators, metal window sash and frames and considerable marble and tile. Construction will be practically fireproof. Exterior of the building will be faced with cement plaster. Plans have been completed and the work will be done by Day Labor. Excavation is now complete.

RIVERSIDE, RIVERSIDE CO., CAL. Stores and offices, 2 story and base, reinforced concrete. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. The building will be erected on a corner lot and will cover an area of 40x140 feet. The entire building will be devoted to the use of the owners. Interior finish will be of pine and hardwoods. There will be a central heating system. Marble, tile and ornamental iron and plaster will be used extensively. Exterior of the building will be faced with either imitation stone or Utah stone. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Stores and lofts, 5 story and base, reinforced concrete, \$29,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, Branchi Poultry Co., Contractor, F. Rolandi, 550 New Montgomery St., S. F. Contract price, \$29,000.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base. Class C construction, \$40,000. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, Frank H. Shafer, Contractors, Los Angeles Planning Mill Co., 1812 Industrial St., L. A., general construction only. Contract price, \$40,000.

WENATCHEE, WASH.—Stores and offices, 2 story and base, brick, \$20,000. Architect, C. Ferris White Spokane. Owner, Paul Wiegand, Contractor, C. E. Young, Haight Bldg., Seattle. Contract price, \$20,000.

THEATRES.

VICTORIA, B. C.—Theatre, 3 story and base, reinforced concrete, \$125,000. Architect, Jesse M. Warren, Victoria. Owner, Alex. Pantages, Seattle. This building has been mentioned here before when plans were first started. The structure will be erected on Government street, and will contain a main auditorium with a seating capacity of 1,000 people. Besides the main auditorium there will be a large balcony. Construction will be fireproof throughout. Plans provide for a modern system of heating and ventilation. Interior will be finished in ornamental plaster. Plans are complete and work on the excavation has been started by Day Labor.

Contracts Awarded.

SEATTLE, WASH.—Theatre, 2 story and base, brick and steel, \$150,000. Architect, none. Owners Metropolitan

Building Co. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, \$150,000.

SEALED PROPOSALS.

PROPOSALS FOR DREDGING.
DREDGING—Sealed proposals, indorsed "Proposals for Dredging," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., July 26, 1913, and then and there publicly opened for dredging channel and basin in Mare Island Strait and removing rocks at Vallejo, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal., H. R. STANFORD, chief of bureau.

PROPOSALS FOR AIR COMPRESSOR.
AIR COMPRESSOR—Sealed proposals, indorsed "Proposals for Air Compressor," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 12, 1913, and then and there publicly opened, for furnishing and installing one air compressor having at least 5,300 cubic feet of free air per minute displacement, complete, with accessories, at the navy yard, Puget Sound, Wash. Estimated cost, \$35,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR ELEVATOR WORK.
ELEVATOR AND TRUSS—Sealed proposals, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m., on the 17th day of July, 1913, and then opened, for a new half-way, an electric freight lift, etc., in the United States post office and court house, Fresno, Cal., in accordance with the drawings and specification, copies of which may be had at this office, at the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR BOILERS.

BOILERS—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m., on July 21, 1913, and then opened for new heating boilers, etc., at the United States post office, Port Townsend, Wash., in accordance with the drawings and specification, copies of which may be obtained at this office, at the discretion of the supervising architect, O. WENDEROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 10th, 1913, and there, in connection with Resettling Quartermaster's Stores Nos. 1, 2, 3, and 4 in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 10th, 1913, for constructing a Roadway and Easement Grading in connection with Resettling Quartermaster's Stores Nos. 1, 2, 3 and 4 in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 10th, 1913, and there, in connection with Resettling Quartermaster's Stores Nos. 1, 2, 3 and 4 in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California at 11:30 A. M. Thursday, July 4, 1913, for Laying and Installing a Rock Surface for the Drill Ground and Race Track in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned in the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee

WILLIAM H. CROCKER,
Chairman. (*)

Firms dealing with various localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—3, 1½ story and base, frame, \$2,000 each, San Francisco. Architect, none. Owners, Oscar Heyman & Bros., 742 Market St., S. F. These dwellings will be erected on Pennsylvania north of 20th street. Each house has been designed for a six-room dwelling with bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. Large open fire places with brick and tile mantels will be used in the living rooms. Tile will be used in the baths and kitchens. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500, San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on 16th avenue south of Clement, and has been designed to

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

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Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned in the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTOR.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 9, 1913.—Sealed proposals will be received at this office until 3 o'clock P. M., on July 21, 1913, and then opened, for new heating boilers, etc., at the United States postoffice, Port Townsend, Wash., in accordance with the specifications, copies of which may be obtained at this office, at the discretion of the Supervising Architect. O. W. PENDERGILL, Supervising Architect. (*)

contain six rooms and bath. Interior will be finished in pine and redwood with some oak floors. There will be a large open fire place with brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PINGALOW—1½ story and base, frame, \$2,100, San Francisco. Architect, O. E. Evans, 2376 Mission St., S. F. Owner, Mrs. Brown. The dwelling has been designed for a six-room house and will be erected in the Crocker Amazon Tract. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place with brick mantel in the living room. Bath room will have cement plaster wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with shiplap and rustic. Plans are

complete and figures are now being taken.

RESIDENCE—1 story and base, frame, \$3,000, San Francisco. Architect, Creighton Withers, Stanford Court, S. F. Owner, M. F. Carles. The dwelling will be erected at the corner of Alma and Schrader streets, and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—1 story and base, frame, \$2,000, San Francisco. Architect, none. Owner, William F. Lange, 543 37th avenue, S. F. The dwelling has been designed for a six-room house with bath. Interior finish will be of pine with some redwood. Hardwood floors will be used in the principal rooms. There will be an open fire place in the living room with brick mantel. Exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated, San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Linda C. Avenal. This dwelling has been mentioned here before. Plans are now complete and figures are being taken. The house will contain in the neighborhood of eight rooms, baths and laundry. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath and brick veneer.

RESIDENCE—2 story and base, frame, \$4,500, San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. John Birmingham. The dwelling will be erected on Pine street near Stockton, and has been designed to contain eight rooms and bath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and a contract will be awarded shortly.

APARTMENT HOUSE—3 story and base, frame, \$35,000, San Francisco. Architect, Miss Sutro, 2400 Van Ness Ave., S. F. Owner, Mrs. Clara Sutro, 2160 Van Ness Ave. The building will be erected on Pine street between Jones and Leavenworth, and covers a considerable area. Apartments will be arranged in suites of two and three rooms with bath and wall beds. Interior finish will be of pine and elm. Hardwood floors will be used in the principal rooms. There will be steam heat, an automatic elevator and vacuum cleaning system. Bath rooms

will have cement floors. Exterior of the building will be covered with cement plaster and brick veneer. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, none. Owner, Louis Lee, 6 Le Roy Place, S. F. The building will be erected on Pine street between Jones and Leavenworth streets. Interior will be arranged for two and three room apartments. There will be steam heat and an automatic elevator. All suites will have private bath room and wall beds. Interior finish will be of pine and elm panels. Some hardwood floors will be used. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, W. G. Hind, 46 Kearny St., S. F. Owner's name withheld. The building will be erected on the south side of Clay street between Jones and Leavenworth, and has been designed to contain six three room apartments and six five-room suites. Interior will be finished in pine and hardwoods. A large entrance lobby, finished in the style of Louis XV, will be one of the features of the building. There will be a central heating system, vacuum cleaning plant and hot water supply. Hardwood floors will be used. All apartments will have private bath and will be equipped with wall beds. Marble and tile will be used in the vestibule. Exterior of the building will be covered with cement plaster. Plans are complete and segregated figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, O. E. Evans, 2367 Mission St., S. F. Owner's name withheld. The building will be erected on 8th avenue between Clement and Geary streets. There will be a number of three-room apartments. Interior will be finished in pine with some hardwood floors. Plans provide for a central heating system. All suites will have private bath and wall beds. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$50,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected on Filbert street, and will be designed in the Gothic style. Apartments will range from five to seven rooms, the larger suites having servants' rooms and more than one bath. Interior finish will meet the requirements of the various lessees. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Bath rooms will have composition floors and tile wainscot. All suites will be equipped with wall beds. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architects, Patch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The building will be erected in the Western Addition, and has been designed to contain six apartments of

four rooms and bath each. Interiors will be finished in pine with some elm panels and hardwood floors. A central heating system will be installed. All suites will be equipped with wall beds and will have private baths. Bath rooms will be finished in cement plaster. Exterior of the building will be covered with cement plaster on metal lath. Plans are now nearly completed.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Filbert street in the rear of a large five-story reinforced concrete apartment house. Suites will contain two and three rooms and bath. Interior finish will be of pine with some elm panels. All apartments will be equipped with wall beds and will have private bath rooms. The exterior of the building will be covered with rustic and cement plaster. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$14,000. San Francisco. Architect, Thompson, 2440 16th St., S. F. Owner, Louis Glass, Shreve Bldg. The dwelling will be erected at Baker's Beach, and has been designed to contain twelve rooms, sleeping porch and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used throughout. There will be a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed and perhaps a vacuum cleaning system. Exterior of the dwelling will be covered with cement plaster. Plans are complete.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Samuel I. Depew, 740 Broadway, S. F. The house will be erected on 33th avenue near Fulton, and has been designed for a six-room dwelling. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shiplap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

FLATS—2 story and base, frame, \$9,000. San Francisco. Architect, O. E. Evans, 2367 Mission St., S. F. Owner's name withheld. The building, which has been designed to contain four modern flats, will be erected on Harper street near 30th. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Flats will contain five and six rooms and bath. There will be an open fire place in each living room. Mantel will be of brick. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with brick veneer and shiplap. Plans are now nearly complete for this work.

FLATS—3 story and base, frame, \$12,000. San Francisco. Architect, E. H. Denke, 1317 Hyde St., S. F. Owner, Mrs. J. Meley. The building has been designed to contain four flats and a doctor's office. The building will be

located on Sutter street west of Webster. Flats will contain four and five rooms. Interiors will be finished in pine and hardwood with hardwood floors in the principal rooms. All living rooms will have open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, I. C. Conner, 578 10th Ave., S. F. The building will be erected on 5th avenue south of Clement street, and will cover an area of 25x55 feet. There will be two flats of five and six rooms each. Interiors will be finished in pine throughout. Hardwood floors will be used in some of the rooms. Each flat will have a bath finished in tile and cement plaster. Tile will also be used in the kitchens. Large open fire places with brick or tile mantels will be used in the living rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

GARAGE AND SOCIAL HALL—2 story and base, Class B, \$50,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will cover a large ground area and is to be erected on Golden Gate avenue near Van Ness. The first floor will be arranged for an automobile sales room, and is to be handsomely finished in pine, hardwoods, ornamental plaster and tile. Upper floor will be fitted up for social and lodge halls, and will be finished in pine with a maple floor. There will be considerable structural steel used. Exterior will be faced with pressed brick. Marble and tile will be used extensively. There will be a cement first floor and patent store fronts. Metal window sash and frames will be specified. Plans are being prepared.

GARAGE—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, none. Owner, Mr. Reese. Plans have been prepared by a contractor for this work. The building is designed for a commercial garage and will contain, besides the storage space, a completely equipped machine shop. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. The work will probably be done by Day Labor.

HOTEL—5 story and base, brick and steel. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Post street between Larkin and Polk streets, and has been designed to contain a total of sixty guest rooms and thirty baths. Interior will be finished in pine with some hardwood. Plans provide for steam heat, elevator service and a hot water system. Bath rooms will have composition floors and tile wainscot. Wall beds will be used. Exterior of the building will be faced with pressed brick. Tile and marble will be used in the entrance vestibule and lobby. Plans are being prepared.

HOTEL AND STORES—Brick and steel. Cost not stated. San Francisco. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owners, Hop Wo Benevolent Society. This building will be erected on Clay street, and has been described in these columns before when plans contemplated a four-story structure. There will be stores on the first floor and a number of single rooms above. Interior finish will be of pine throughout. Several baths will be located on each of the upper floors. Running water will be supplied to all rooms. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

HOTEL—7 story and base, brick and steel, \$90,000. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Turk street near Taylor, and will cover an area of 34-1/2x137 1/2 feet. There will be a store besides the hotel lobby on the first floor. Upper floors will be divided into 108 guest rooms, 75 per cent of which will have private baths. Interior will be finished in blue gum and other hardwoods. Ornamental plaster and tile will be used in the lobby and parlors. Plans provide for steam heat, elevator service, a vacuum cleaning system, wall beds and hot water system. Electric curling irons will be used in all rooms. Bath rooms will be finished in tile. Marble and tile will be used in the lobby. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and segregated bids will be taken.

HOTEL—2 story and base, brick. Cost not stated. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected in Chinatown and has been designed for a store and entrance on the first floor. Upper floor will be arranged for a number of single rooms. Interior finish will be of pine throughout. Exterior of the building will probably be faced with cement plaster. Plans are now being prepared.

STORES—1 story and base, brick. Cost not stated. San Francisco. Architect, L. Mastropasqua, 580 Washington St., S. F. Owner, Giovanni Cuneo. The building will be erected on Sansome street south of Pacific, and will have a frontage of 40 feet and a depth of 90 feet. There will be two stores. Interior finish will be of pine throughout. Plans provide for plate glass display windows in patent store fronts. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and figures are being taken.

ROCK SURFACE AND DRAINAGE SYSTEM FOR DRILL GROUND AND RACE TRACK—San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened by the Buildings and Grounds Committee on July 3rd for laying rock surface and installing a drainage system in the drill grounds and race track. Separate bids will be received for the rock surfacing and the drainage system. Plans can be secured from the Director of Works. An official proposal appears in another column of this issue.

REMOVING, RESETTING AND CONSTRUCTING FOUNDATIONS AND DRAINS FOR QUARTERMASTER STORES 1, 2, 3 AND 4—San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners Panama-Pacific International Exposition Co. Three separate bids will be received on July 10th for the following work in connection with the removal of Quartermaster Store Houses Nos. 1, 2, 3 and 4. (a) removing and resetting, (b) constructing roadway, excavating and grading and (c) foundations, piers and timber drains. Plans can be secured from the Director of Works, Service Bldg. Official proposal for this work appears under the heading of Official Advertising in this issue.

Contracts Awarded.

POLICE STATION—2 story, brick and stone, \$33,480. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, O. C. Holt, S. F. Contract price, \$33,480. Note: This contract is for the construction of the new Harbor Police station.

STORES AND LOFTS—5 story and base, reinforced concrete, \$29,000. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, Branchi Poultry Co. Contractor, F. Rolandi, 550 New Montgomery St., S. F. Contract price, \$29,000.

SCHOOL—2 story and base, brick and concrete, \$72,354. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Carnahan & Mulford, S. F. Contract price, \$72,354. Note: This contract is for the general construction of the Columbus School.

SCHOOL—2 story and base, brick and steel, \$82,424. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Carnahan & Mulford, S. F. Contract price, \$82,424. Note: This contract is for the general construction of the Glenn Park School.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
2314	Pageoni	Pageoni	450
2315	Milton	Milton	400
2316	Kelly	Kelly	3000
2317	Miller	Blahnik	700
2318	Piche	Salanave	550
2319	Savage	Savage	8000
2320	Weinstein	Murdick	450
2321	Hauser	Hauser	1800
2322	Graban	Tufo	400
2323	Gray	Leign	1950
2324	Lovett	Burns	600
2325	Marcus	Marcus	500
2326	Euckers	Doering	700
2327	Y M C A	James	1000
2328	Lange	Lange	2000
2329	Reed	Reed	400
2330	Tufo	Tufo	8500
2331	Pac Gas & Elec.	Pac Elec	2711
2332	Banning	Stewart	
2333	Lankershim	Wilson	28640
2334	Andersen	Elving	4830
2335	Western Adv.	Owner	400
2336	Same	Same	400
2337	Kuger	Abrahams	1000
2338	Chin Gow	Howard	400
2339	Feebles	Feebles	1500
2340	Hersmann	Schulte	450
2341	Birmingham	Colman	4236
2342	Piepis	Brady	15000
2343	Nelson	Nelson	2500
2344	Great Western	Salomon	400
2345	Sartolou	Duffy	400
2346	Peat	Hipples	400
2347	Omart	Nichols	800
2348	Hawes	Roemer	800
2349	Lane	Lane	400

2350	Higgins	Novelty	400
2351	Solari	Novelty	500
2352	St. Mary's Cath.	Novelty	500
2353	Forbes	Forbes	1000
2354	King	King	500
2355	Dreschler	Dreschler	300
2356	Streahl	Watson	400
2357	Eisenbach	Dahlberg	10500
2358	P P I E	Snook	13750
2359	Thias	Toberty	1675
2360	Toso	Molus	3039
2361	Same	Rovere	1100
2362	Same	Caranza	15590
2363	Abrams	Sparago	1050
2364	Mt. Zion	Ackelmeier	274
2365	Burnett	Warwick	100480
2366	Sullivan	Ward	3500
2367	Reis	Reis	1000
2368	Gilson	Gilson	1000
2369	Murphy	Munster	1000
2370	Dyar	Tyler	4500
2371	Same	Same	4500
2372	Browne	Browne	2500
2373	Conner	Conner	3500
2374	Depew	Depew	2500
2375	Heyman	Heyman	1600
2376	Same	Same	1600
2377	Same	Same	1600
2378	Solari	Curtis	1135
2379	Castaneda	Houle	1500
2380	Dermot	Keller	345
2381	Bates	Nichols	20600
2382	Nilsson	Nilsson	1268
2383	Powers	Holm	4998
2384	Berglof	Weisbein	1075
2385	Hale	Hale	1000
2386	Rosa	Cereghino	500
2387	Salles	Rahman	1000
2388	Corbin	Parry	1400
2389	Cal Pioneers	Cal Pioneers	1475
2390	Buskey	Buskey	1050
2391	Stack	Stack	1750
2392	Getz	Klein	2500
2393	Minnetti	O'Neill	1250
2394	Heim	Montrouil	1200
2395	Francesconi	Petri	3150
2396	Hadley	Hadley	1000
2397	de Sucea	Holl	1600
2398	Lavagmino	Garibaldi	1600
2399	Crommelin	Cosoly	4000
2400	Webb	Parry	1000
2401	Euruch	O'Neill	1250
2402	Ginley	Ginley	3000
2403	Baines	Smith	2000
2404	Burnett	Warwick	17940
2405	Anderson	Burnett	3440
2406	Keegor	Gilmour	2400
2407	Soto	Anderson	5375
2408	Dairy Del	Hicks	18480

(2314) NO. 1537 QUESADA AVE. Move, underpin, cement foundation and floor for dwelling.

Owner.....A. Pageoni, 1007 Palou Ave San Francisco.

Architect.....None.

Day's work.....COST, \$450

(2315) NO. 823 INGERSON AVE. Add two rooms and minor repairs to dwlg

Owner.....John L. Milton, Premises.

Architect.....None.

Day's work.....COST, \$400

(2316) W. FIFTEENTH AVE 200 N Judah. Two-story and basement from residence.

Owner.....Mabelle E. Kelly, 55 Grattan, San Francisco.

Architect.....R. H. Kelly, 55 Grattan, San Francisco.

Day's work.....COST, \$3000

(2317) NO. 590 VIENNA. Repair and alter store and residence.

Owner.....Chris. Miller, Premises.

Architect.....None.

Contractor.....Jas. Blahnik, 105 Madrid, San Francisco.

COST, \$700

(2318) NO. 1558 POWELL. Add (2) rooms.

Owner.....M. Piche, Premises.

Architect.....None.

Contractor.....J. Salanave, 931 Pacific, San Francisco.

COST, \$550

(2319) NE MERCEDES AND CEDRO Way (Ingleside). Two-story and basement frame residence.

Owner.....Mrs. M. J. Savage, 319
Lyon, San Francisco.
Architect...Wm. Curlett & Son, Phe-
lan Bldg., San Francisco.
Contractor..M. J. Savage, 319 Lyon,
San Francisco.
COST, \$8000

(2320) NW OAKDALE AND PHELPS.
Concrete foundation, underpin and
ratproof dwelling.
Owner.....Mrs. Weinstein, San Bruno
Ave., San Francisco.
Architect...None.
Contractor..L. Mudrick, 65 Girard,
San Francisco.
COST, \$450

(2321) W BRUNSWICK 152 S Whittier
One-story and basement frame dwlg.
Owner.....Fred Hauser, 86 Whittier,
San Francisco.
Architect...None.
Day's work.....COST, \$1800

(2322) NO. 2415 PIERCE. New slate
roof and plaster exterior of residence
Owner.....Chas. P. Eells, Premises.
Architect...None.
Contractor..R. H. Graham, 110 Jessie,
San Francisco.
COST, \$400

(2323) E SIXTEENTH AVE 25 S Anza.
One and one-half-story and base-
ment frame dwelling.
Owner.....John Gray, 447 Broderick,
San Francisco.
Architect...None.
Contractor..Leigh & Schultz, 330 8th
Ave., San Francisco.
COST, \$1950

(2324) NO. 1288 GOLDEN GATE AVE.
Change store into bakery.
Owner.....Mrs. Lovett, Potrero, S. F.
Architect...None.
Contractor..John Burns, 2612 Mc-
Allister, San Francisco.
COST, \$600

(2325) NO. 370 TENTH AVE. Add
porch and stairs and concrete walks.
Owner.....Mrs. Louis Marcus, Prem.
Architect...None.
Day's work.....COST, \$500

(2326) NO. 2202 BUCHANAN. Alter
front.
Owner.....J. C. Buck, Washington &
Steiner, San Francisco.
Architect...None.
Contractor..W. Doering, 2610 Mission,
San Francisco.
COST, \$700

(2327) NW GOLDEN GATE AND
Leavenworth. Add rooms.
Owner.....Y. M. C. A., Premises.
San Francisco.
Architect...McDougall Bros., Russ
Bldg., San Francisco.
Contractor..James Son, 1501 Valencia,
COST, \$1000

(2328) E FORTY-FIRST AVE 100 N
Cabrillo. One-story and basement
frame residence.
Owner.....Wm. F. Lange, 543 37th
Ave., San Francisco.
Architect...None.
Day's work.....COST, \$2000

(2329) NO. 478 SECOND AVE. Repair
and alter residence.
Owner.....W. J. Reed, Premises.
Architect...W. J. Cuthbertson, Mont-
gomery & California, S. F.
Day's work.....COST, \$400

(2330) W KEARNY 97-6 S Filbert.
Three-story and basement frame (9)
flats.
Owner.....Jos. and P. Tufo, 1437
Kearny, San Francisco.
Architect...None.
Day's work.....COST, \$5500

(2331) STATION "D" ON LOT in block
bld by Bush, Polk, Larkin and Fern
Ave.; Station "J" on lot in block
bld by Montgomery, Leidesdorff,
Sacramento and Commercial. Venti-
late by mechanical apparatus electric
transformer stations "D" and "J".
Owner.....The Pacific Gas & Elec. Co.,
425 Sutter, San Francisco.
Engineer...Thos. Morrin.
Contractor..The Pacific Fire Exting-
uisher Co., 507 Montgomery
San Francisco.

Filed June 23, '13. Dated June 16, '13.
All material delivered and erect-
ed in both stations.....\$1355 50
Accepted.....677 25
Usual 35 days.....Balance
TOTAL COST, \$2711 00
Bond, \$1355.50. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 45 days.
Forfeit, none. Plans and specifications
filed

(2332) E CAPISTRANO AVE 265.95 S
San Jose Ave E 134.49XS 25.09. All
work for two-story and basement
frame building.
Owner.....Raymond H. Banning and
Jas. E. Stewart, 107 Delano
Ave., Mission Terrace, S. F.
Architect...None.
Contractor..Day's work
Filed June 23, '13. Dated June 18, '13.
No payments.....COST, \$

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications, none.

(2333) N FIFTH AND JESSIE NW 75
xNE 75. Plumbing for seven-story
and basement reinforced concrete
building.
Owner.....Jas. B. Lankershim, Los
Angeles, by Macdonald &
Kahn, Rialto Bldg., S. F.
Architect...Reid Bros., Cal-Pacific Bld
San Francisco.
Contractor..Wm. F. Wilson Co., 1175
Turk, San Francisco.
Filed June 23, '13. Dated June 7, '13.

On 15th of each month.....75%
30 days after, 25%.....\$7160
TOTAL COST, \$28,640
Bond, limit, forfeit, none. Specifi-
cations only filed.

(2334) S WALLER 28 W Steiner S 105
xW 27. All work except 5 wall beds
for alterations (changing 3 flats into
apartments).
Owner.....Anna Andersen.
Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.
Contractor..Arthur Elvin, 3858 23rd,
San Francisco.

Filed June 23, '13. Dated June 21, '13.
Ready for plaster.....\$1207
White coated.....1207
Completed and accepted.....1207
Usual 35 days.....1207
TOTAL COST, \$4830
Bond, \$2415. Surety, Massachusetts
Bonding & Insurance Co. Limit, 60
days. Forfeit, none. Plans and specifi-
cations filed.

(2335) NW VAN NESS AVE AND Mc-
Allister. Roof slgn.

Owner.....Western States Adv. Co.,
370 Valencia, S. F.
Architect...None.
Day's work.....COST, \$400

(2336) SE O'FARRELL & FILLMORE.
Erect roof slgn.
Owner.....Western States Adv. Co.,
370 Valencia, S. F.
Architect...None.
Day's work.....COST, \$400

(2337) SW SILVER AVE & GIRARD.
One-story frame store.
Owner.....H. Kuger, 127 Hale, S. F.
Architect...None.
Contractor..H. Ahrahams, 134 Hale,
San Francisco.
COST, \$1000

(2338) NOS. 29-31 BECKETT. Lay
concrete floor.
Owner.....Chin Gow.
Architect...None.
Contractor..F. H. Howard, Geary and
Buchanan, San Francisco.
COST, \$400

(2339) S GENEVA 55-77 E Madrid.
One-story and basement frame dwlg.
Owner.....W. J. Peebles, 2332 34th,
San Francisco.
Architect...None.
Day's work.....COST, \$1500

(2340) NO. 228 TOWNSEND. Alter
front and enlarge room.
Owner.....E. G. Rissmann, Premises.
Architect...None.
Contractor..H. Schulte & Son, 630
Precita Ave., S. F.
COST, \$450

(2341) N PINE 57-6 W Stockton W 20
N 59-6 E 17-6 S 19-6 E 2-6 S 40. All
work for two-story and basement
frame dwelling.
Owner.....John & Sara Bermingham.
Architect...Frederick H. Meyer, Bank-
ers' Investment Bldg., S. F.
Contractor..Collman & Collman, 110
Jessie, San Francisco.

Filed June 24, '13. Dated June 19, '13.
Ready for plastering.....25%
Plaster ready for finish.....25%
Completed and accepted.....25%
Usual 35 days.....25%
TOTAL COST, \$1236
Bond, \$2118. Surety, National Surety
Co. Limit, 75 days. Forfeit, none.
Plans and specifications filed.

(2342) N SACRAMENTO 481-8 E
Drumm E 45-8xN 59-9. Excavating,
piling, concrete, brick, iron, steel,
carpenter, ornamental metal, plumb-
ing, electric work, lath and plaster,
glazing and painting for lofts and
restaurant.
Owner.....Albert Pissis, Flood Bldg.,
San Francisco.
Architect...Albert Pissis, Flood Bldg.,
San Francisco.
Contractor..M. V. Brady, Monadnock
Bldg., San Francisco.

Filed June 24, '13. Dated June 19, '13.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$15,000

Bond, \$7500. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 90 days.
Forfeit, \$5. Plans and specifications,
none.

(2343) W SIXTEENTH AVE 125 S
Clement. Two-story and basement
frame residence.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work. COST, \$2500

(2344) NO. 2355 MISSION. Alter fronts and set in Kawanee system.
 Owner.....Great Western Tea Co., Premises.
 Architect...None.
 Contractor...L. Salomon, 1303 Ellis, San Francisco.
 COST, \$400

(2345) NO. 595 McALLISTER. Alter store and put in mosaic floor.
 Owner.....John B. Sartolou, Premises
 Architect...None.
 Contractor...B. T. Duffy.
 COST, \$400

(2346) NO. 1254 FORTY-EIGHTH AVE. Add (2) rooms and porch.
 Owner.....Mrs. Margurite Peat, 906 Lombard, San Francisco.
 Architect...None.
 Contractor...H. Hippeley, 1464 Grove, San Francisco.
 COST, \$400

(2347) NO. 2821 JACKSON. One-story frame garage.
 Owner.....Mrs. Omart, Premises.
 Architect...None.
 Contractor...H. D. Nichols, 1333 Stevenson, San Francisco.
 COST, \$700

(2348) NOS. 2965-2970 SIXTEENTH. Minor repairs to present building.
 Owner.....Al. Young and Fred C. Hawes, Premises.
 Architect...None.
 Contractor...Roemer & Walton, Prem.
 COST, \$500

(2349) S TWENTY-SIXTH 75 E Douglas. One-story and basement frame dwelling.
 Owner.....Mrs. Lane, Premises.
 Architect...None.
 Day's work. COST, \$400

(2350) NO. 2856 MISSION. Electric sign.
 Owner.....Thos. F. Higgins, Premises.
 Architect...None.
 Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
 COST, \$400

(2351) NO. 354 GEARY. Electric sign.
 Owner.....Solaris's Cafe, Premises.
 Architect...None.
 Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
 COST, \$500

(2352) NE CALIFORNIA AND GRANT Ave. Electric sign.
 Owner.....St. Mary's Catholic Church, Premises.
 Architect...None.
 Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
 COST, \$500

(2353) NO. 817 SANSOME. Add one room.
 Owner.....K. Forbes, 310 California, San Francisco.
 Architect...Ross & Burgren, 310 California, San Francisco.
 Day's work. COST, \$1000

(2354) W HEAD 325 S Randolph. One story and basement frame residence.

Owner.....Arthur King, 325 Head, San Francisco.
 Architect...None.
 Day's work. COST, \$500

(2355) N SHIELDS 50 E Bevely. One and one-half-story and basement frame dwelling.
 Owner.....W. Dreschler, 430 Vernon, San Francisco.
 Architect...None.
 Day's work. COST, \$500

(2356) NO. 116 KEARNY. General repairs to store.
 Owner.....Mr. Streahl, 370 Bush, San Francisco.
 Architect...None.
 Contractor...Daniel Watson, 51 Belden, San Francisco.
 COST, \$400

(2357) NE EIGHTEENTH & GUERRERO N 75x E 32 MB —. All work except concrete and painting three-story and basement frame stores and apartments.
 Owner.....The Eisenbach Co.
 Architect...Rousseau & Rousseau, Mo-nadnock Bldg., S. F.
 Contractor...A. Dahlberg, 110 Jessie, San Francisco.
 Filed June 25, '13. Dated June 23, '13.
 Frame up\$2635
 Brown coated 2635
 Completed and accepted..... 2625
 Usual 35 days..... 2625
 TOTAL COST, \$10,500

Bond, \$5250. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(3358) EXPOSITION SITE. Plumbing, sewerage, water and gas pipes for Varied Industries Building.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., San Francisco.
 Architect...None.
 Contractor...Frederick W. Snook Co., 596 Clay, San Francisco.

Filed June 25, '13. Dated June 20, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$13,750

Bond, \$8000. Surety, Aetna Accident & Liability Co. Limit, 200 days. Forfeit, \$10. Plans and specifications filed.

(3359) E TWENTY-NINTH AVE 200 S Geary. Concrete, lumber, mill work, plaster, plumbing, hardware, patent chimneys, fixtures, mantels and shades for two-story and basement frame residence.
 Owner.....Adele Thias, 3024 Washington, San Francisco.
 Architect...John P. Haner, 3579 19th, San Francisco.

Contractor...Jas. Tarhett, 370 30th Ave. and Fred Knott, 2332 Clement, San Francisco.
 Filed June 25, '13. Dated June 24, '13.
 Frame up\$418.75
 Brown coated 418.75
 Completed and accepted..... 418.75
 Usual 35 days..... 418.75
 TOTAL COST, \$1675.00

Bond, \$327.50. Surety, J. J. Bell. Limit, 50 days. Forfeit, \$5. Plans and specifications filed.

(2360) N BROADWAY 226-3 W Stockton 45-9x105-6. Plumbing except heater for three-story and basement frame rooming house.
 Owner.....Lorenzo and Rosa Toso, 2407 Folsom, San Francisco

Architect...Louis Mastropasqua, 580 Washington, San Francisco
 Contractor...Herbert L. Molus.
 Filed June 25, '13. Dated June 13, '13.
 Street work\$190.00
 Roughed in 1424.50
 Completed and accepted..... 1088.25
 30 days after..... 356.25
 TOTAL COST, \$2039.00
 Bond, \$1500. Surety, Fidelity & Deposit Co. Limit, none. Forfeit, none. Plans and specifications filed.

(2361) PAINTING ON ABOVE.
 Contractor...Victor Rovere.
 Filed June 25, '13. Dated June 13, '13.
 After coat on.....\$400
 Completed and accepted..... 425
 Usual 35 days..... 275
 TOTAL COST, \$1100
 Bond, limit, forfeit, none. Plans and specifications filed.

(2362) ALL WORK EXCEPT PLUMBING and painting on above.
 Contractor...Gaetano Caranza, 372 Shotwell, San Francisco.
 Filed June 25, '13. Dated June 13, '13.
 3rd floor joists on.....\$3897.50
 Brown coated 3897.50
 Completed and accepted..... 3897.50
 Usual 35 days..... 3897.50
 TOTAL COST, \$15,590.00

Bond, \$7795. Sureties, Domenico Firenze and Giallo Caranza. Limit, 110 days. Forfeit, \$10. Plans and specifications filed.

(2363) S CLEMENTINA AND FOURTH SE 50xSW 80. Excavating, pumping, shoring, bulkheading, cribbing and house raising, concrete and carpenter, etc., for underpinning building.

Owner.....Sarah Abrams.
 Architect...Earl B. Scott, Humboldt Bank Bldg., S. F.

Contractor...John Spargo, 926 Presidio Ave., San Francisco.
 Filed June 25, '13. Dated June 25, '13.
 Work one-half done.....\$250
 Completed and accepted..... 250
 Usual 35 days..... 550
 TOTAL COST, \$1050

Bond, \$1000. Sureties, Thos. O. Day and D. J. Sullivan. Limit, as fast as possible. Forfeit, \$5. Plans and specifications, none.

(2364) NW POST AND SCOTT N 185 W 192-6 S 55 E 55 S 110 S 187-6. Gas and electric fixtures for four-story hospital building.

Owner.....Mount Zion Hospital.
 Architect...None.
 Contractor...Ickelheimer Bros. Co., 441 Sutter, San Francisco.

Filed June 26, '13. Dated June 25, '13.
 Completed 75%
 36 days after..... 25%
 TOTAL COST, \$2794

Bond, \$1398. Sureties, A. H. Greenberg and J. W. Wellheimer. Limit, 3 weeks after Sept. 15. Forfeit, \$100. Plans and specifications filed.

(2365) SW LARKIN AND O'FARRELL S 50xW 85. All work for six-story and basement Class "C" cel frame reinforced brick and concrete apartments.

Owner.....G. G. Burnett Estate Co.
 Architect...C. H. Skidmore, 68 Post, San Francisco.

Contractor...Harry C. Warwick, 180 Jessie, San Francisco.
 Filed June 26, '13. Dated June 26, '13.
 Payments monthly of..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$100,480

BUILDING AND INDUSTRIAL NEWS

Bond, \$50,240. Surety, Maud Warwick. Limit, 200 days. Forfeit, \$25. Plans and specifications filed.

(2366) NE DAVIS & COMMERCIAL E 50xN 59-9. Filling lot, lumber, brick, iron, concrete, glass, steel and plumbing, etc., for one-story brick stores.

Owner.....Sullivan Estate Co., 1075 Mission, San Francisco.
Supt.George Marsh, 110 Jessie, San Francisco.
Contractor...Patrick R. Ward, 110 Jessie, San Francisco.

Filed June 26, '13. Dated June 24, '13.
Foundation reaches level of side walk\$75
Concrete floor laid.....\$75
Completed and accepted.....\$75
Usual 35 days.....\$75

TOTAL COST, \$3500

Bond, \$2000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2367) W LAGUNA 127 S Sacramento. One-story frame garage.
Owner.....Mrs. Ellen Reis, 2201 Sacramento, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2368) S ARMY 130 E Noe. One-story and basement frame dwelling.
Owner.....Frank A. Gilson, 4073 Army, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2369) NW FOURTH AND HOWARD. Alter store into saloon.
Owner.....C. Murphy, 926 Howard, San Francisco.
Architect...None.
Contractor...Munster & Bornholdt, 1530 Broderick, San Francisco.
COST, \$1000

(2370) E FIFTEENTH AVE 150 N California. Two-story and basement frame (2) flats.
Owner.....Marietta Dyar, 328 Pierce, San Francisco.
Architect...None.
Contractor...P. Tyler, 326 Pierce, S. F.
COST, \$4500

(2371) E FIFTEENTH AVE 175 N California. Two-story and basement frame (2) flats.
Owner.....Marietta Dyar, 328 Pierce, San Francisco.
Architect...None.
Contractor...P. Tyler, 326 Pierce, S. F.
COST, \$4500

(2372) S POST 137-6 W Mason. Add one story to present building.
Owner.....R. S. Browne, 125 Sutter, San Francisco.
Architect...C. Withers.
Day's work. COST, \$2500

(2373) E FIFTH AVE 225 S Clement. Two-story and basement frame (2) flats.
Owner.....J. C. Conner, 578 10th Ave., San Francisco.
Architect...None.
Day's work. COST, \$3500

(2374) W THIRTY-FIFTH AVE 175 N Fulton. Two-story and basement frame dwelling.

Owner.....Samuel I. Depew, 740 Broadway, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2375) W PENNSYLVANIA 125 N 20th. One and one-half-story and basement frame residence.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1600

(2376) W PENNSYLVANIA 100 N 20th. One and one-half-story and basement frame residence.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1600

(2377) W PENNSYLVANIA 150 N 20th. One and one-half-story and basement frame residence.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1600

(2378) NW OCTAVIA AND CEDAR Ave N 22xW 77-J WA 201. Plumbing, gas fitting and drainage for three-story and basement frame apartments.
Owner.....Luigi Solari, 1427 Octavia, San Francisco.

Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor...Edw. C. Curtis, 403 8th, San Francisco.
Filed June 27, '13. Dated June 12, '13.
Roughed in\$424.50
Completed and accepted.....\$424.50
Usual 35 days.....\$286.00

TOTAL COST, \$1135.00

Bond, \$570. Sureties, Michael Geraghty and H. C. Marsh. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(2379) N F LOPE 50 SE Morse SE 25 xNE 12x, Lot 22 Blk 5, Syndicates 1st Add'n. All work for four-room and bath cottage.
Owner.....Felix and Pilar Castaneda.
Architect...None.
Contractor...David Houle, 650 Market, San Francisco.
Filed June 27, '13. Dated June —, '13.
Frame up\$100
Balance according to terms of 2 promissory notes
COST, \$1500

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2380) W FOURTH AVE 75 N Kirkham N 25xW 95. All work for two-story and basement frame residence.
Owner.....T. F. and Sarah G. McDermott, 535 Steiner, S. F.
Architect...None.
Contractor...R. Keller, 3427 Andover, Oakland.

Filed June 27, '13. Dated June 23, '13.
Frame up and roof on.....\$978.75
Brown coated\$978.75
Completed and accepted.....\$978.75
Usual 35 days.....\$978.75

TOTAL COST, \$3915.00

Bond, \$1957.50. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, \$150. Plans and specifications filed.

(2381) SE FOLSOM 100 SW 5th SW 50 xSE 90. Removing four-story concrete building to lot adjoining and

installing pile foundation, then returning building to lot.

Owner.....Geo. E. Bates, 333 Kearny, San Francisco.

Engineer...E. L. Soule, Monadnock Bldg., San Francisco.

Inspecting Engineers...Smith, Emery & Co., 651 Howard, S. F.

Contractor...Nichols & Handley.

Filed June 27, '13. Dated June 23, '13.
Commencing July 1 progressive payments of 75%
Usual 35 days.....\$5150

TOTAL COST, \$20,600

Bond, none. Limit, none. Forfeit, \$10. Bonus, \$10. Plans and specifications, none.

(2382) SE DELANO AND SAN JOSE Ave; No. 101 Delano Ave., Lot 1 Blk "J" Mission Terrace. All work for repairing burnt building.
Owner.....M. A. Nilsson.
Architect...None.

Contractor...N. F. Nilsson, 355 Cole-ridge Ave., San Francisco.
Filed June 27, '13. Dated June 27, '13.
Plastering done\$500
Completed500
Usual 35 days.....268

TOTAL COST, \$1268

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(2383) S GREENWICH 100 E Hyde E 37-6xS 68-9. All work for two-story and basement frame residence.
Owner.....Laura B. Powers, 1242 Taylor, San Francisco.

Architect...Ross & Burgren, 210 California, San Francisco.

Contractor...Holm & Son, 62 Post, S. F.
Filed June 27, '13. Dated June 27, '13.
Frame up\$ 937
Brown coated937
White coated937
Usual 35 days.....1250

TOTAL COST, \$4998

Bond, \$2500. Sureties, Frank L. Maino and R. De Luca. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(2384) W SEVENTEENTH AVE 200 N Fulton. One-story and basement frame dwelling.

Owner.....Alfred Berglot, 141 Sutter, San Francisco.

Architect...None.
Contractor...J. Weisbeln, 141 Sutter, San Francisco.

COST, \$1800

(2385) N OHENERY 118 E Mateo. One-story and basement frame store
Owner.....John Hall.

Architect...None.
Day's work. COST, \$1000

(2386) S CLARK 100 E Front. Excavate for foundation.
Owner.....A. Rosa, 177 28th, S. F.

Architect...None.
Contractor...L. Cereghino & Son, 6 Marshall, San Francisco.

COST, \$500

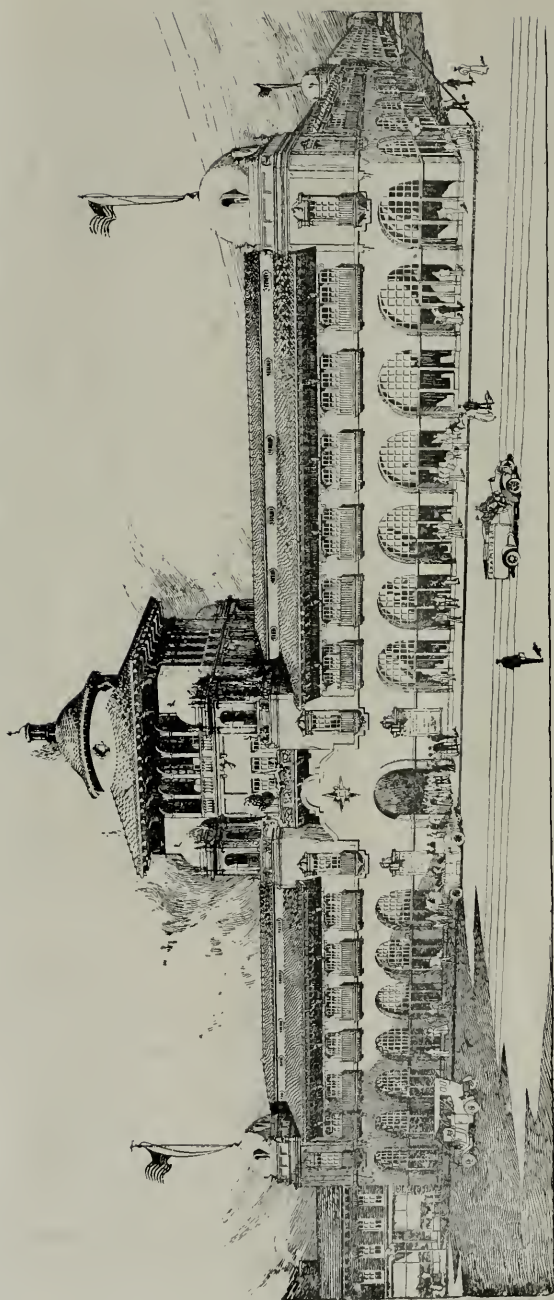
(2387) SW HUDSON AND NEWHALL. Construct concrete foundation.
Owner.....Salles & Chlcop, 5th Ave and Newhall, S. F.

Architect...None.
Contractor...Rathmann & Woods, 1210

Rail Road Ave., S. F.

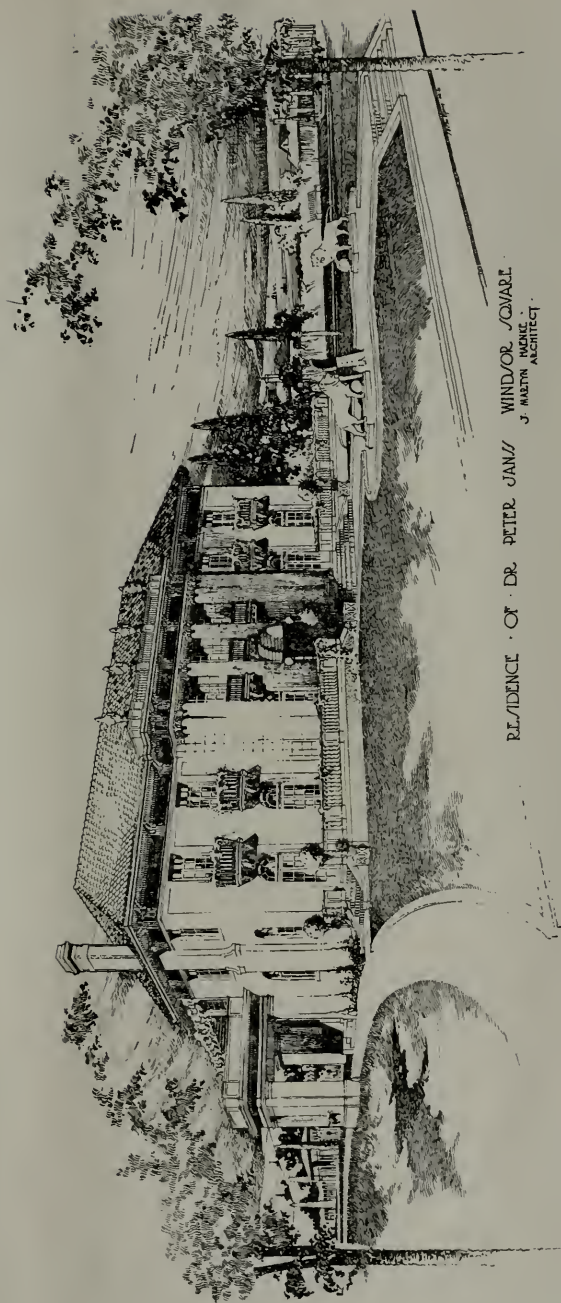
COST, \$1000

(2388) E EDINBURGH 175 N Russia. One-story and basement frame dwlg.



THE NEW HEARST BUILDING
Los Angeles, Cal

J. Martyn Haenke & W. J. Dodd, Architects
Los Angeles, Cal.



WINDSOR SQUARE
J. MARTIN ARCHTCT.

RESIDENCE OF DR. PETER JANS

RESIDENCE FOR DR. PETER JANS
Windsor Square, Los Angeles, Cal.

J. Martyn Haenke, Architect
Los Angeles, Cal.

Owner.....W. Corbin, 1 Taylor Ave., San Francisco.
 Architect...None.
 Contractor...F. H. Parry & Co., 222 Raymond Ave., S. F.
 COST, \$1400

(2389) NO. 5 PIONEER PLACE. Cut opening in walls and erect marquee.
 Owner.....Society of Calif. Pioneers, Premises.
 Architect...None.
 Contractor...Daniel O'Neill, 228 Natoma San Francisco.
 COST, \$1472

(2390) NE SARATOGA & WOOLSEY. One-story and basement frame dwlg.
 Owner.....M. Buskey, 15 Logen, S. F.
 Architect...None.
 Day's work. COST, \$1050

(2391) N GREEN 8½ E Baker. Concrete foundation.
 Owner.....Robina R. Stack, 602 1st National Bank Bldg., S. F.
 Architect...Bernard J. Joseph, 602 1st National Bank Bldg., S. F.
 Day's work. COST, \$1750

(2392) N JUDAH 82-6 E 26th Ave. One-story and basement frame residence.
 Owner.....Sol Getz & Sons, Chronicle Bldg., San Francisco
 Architect...None.
 Contractor...P. A. Klein, 1423 24th Ave., San Francisco.
 COST, \$2500

(2393) NO. 530 BROADWAY. Alter ground floor and front of hotel.
 Owner.....J. Minetti, Swiss-American Hotel, San Francisco.
 Architect...Italo Zanolin, 604 Montgomery, San Francisco.
 Contractor...A. Brisa & Co., 525 Vallejo San Francisco.
 COST, \$1075

(2394) E QUESADA 25 S Jennings. One-story and basement frame dwlg.
 Owner.....John J. Heim, 1408 Keith, San Francisco.
 Architect...None.
 Contractor...P. W. Montrouil, 255 Moultrie, San Francisco.
 COST, \$1200

(2395) S IRVING 32-6 W 26th Ave. Two-story frame store and flat.
 Owner.....M. Francesconi, 2733 Bush San Francisco.
 Architect...A. Frascina, 6 Imperial Ave., San Francisco.
 Contractor...Francochia, Petri & Co., 397 Chestnut, S. F.
 COST, \$3150

(2396) N FILBERT 102-6 W Pierce. Excavate and erect concrete foundation.
 Owner.....E. W. Hadley.
 Architect...J. W. Bagley and Wm. Mosser, Nevada Bk. Bldg., San Francisco.
 Day's work. COST, \$1000

(2397) S TWENTY-SIXTH 80 W Mission. Two-story and basement frame residence.
 Owner.....James de Succa, 3000 Mission, San Francisco.
 Architect...None.
 Contractor...Joseph Holl, 161 Precita Ave., San Francisco.
 COST, \$3600

(2398) E NEPTUNE NO. 17. Alter and add to present building.
 Owner.....G. Lavagnino, Premises.
 Architect...None.
 Contractor...V. Garibaldi, 14 Crane, San Francisco.
 COST, \$1000

(2399) NO. 1320 LYON. Alter residence into flats.
 Owner.....Miss L. P. Crommelin, 1322 Lyon, San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Contractor...J. P. Cosoly, 1320 Lyon, San Francisco.
 COST, \$4000

(2400) W NEVADA 125 S Tompkins. Two-story and basement frame dwelling.
 Owner.....F. R. Webb, 1728 Mission, San Francisco.
 Architect...None.
 Contractor...T. H. Parry, 222 Raymond San Francisco.
 COST, \$1000

(2401) NE BUCHANAN & WEBSTER. New finish and book cases in library, alter doors in living room, enlarge pantry, new steps, add electric lights switches, etc.
 Owner.....Frederick Baruch, Care of Architect.
 Architect...J. E. Kraft & Sons, Phoenix Bldg., S. F.
 Contractor...Daniel O'Neill, 248 Natoma, San Francisco.
 COST, \$1250

(2402) W NINTH AVE 1½ N Clement. Two-story and basement frame residence.
 Owner.....E. Ginley, 131 5th Ave., San Francisco.
 Architect...E. E. Young, 251 Kearny, San Francisco.
 Day's work. COST, \$3000

(2403) SE LONDON 242 SW Brazil. One-story and basement frame residence.
 Owner.....R. E. Baines, 4570 Mission, San Francisco.
 Architect...A. B. Frank, 4601 Mission, San Francisco.
 Contractor...W. P. Smith, 109 Brazil Ave., San Francisco.
 COST, \$2000

(2404) N HAIGHT, bet. Octavia and Laguna; Nos. 114-124 Haight. All work for alterations and additions to building.

Owner.....G. G. Burnett Estate Co.
 Architect...C. H. Skidmore, 68 Post, San Francisco.
 Contractor...Harry C. Warwick, 180 Jessie, San Francisco.
 Filed June 28, '13. Dated June 28, '13.
 Payments monthly of..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$17,940
 Bond, \$8970. Surety, M. D. Warwick. Limit, 90 days. Forfeit, 5. Plans and specifications filed.

(2405) SW SANCHEZ AND ELIZABETH 25 on Sanchez x 101-9 on Elizabeth. All work for two-story frame flats.
 Owner.....Martha Anderson.
 Architect...Alfred I. Coffey, Humboldt Bank Bldg., S. F.
 Contractor...A. W. Burnett & Co., 3319 22nd, San Francisco.

Filed June 28, '13. Dated June 26, '13.
 Rough frame up.....\$960
 Brown mortar on..... 960
 Completed and accepted..... 960
 Usual 35 days..... 960
 TOTAL COST, \$3840

Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(2406) N EIGHTEENTH — E Danvers No. 4670 18th. All work for alterations and additions to make two-story frame store and flat.
 Owner.....Anna Keegan, 4670 18th, San Francisco.
 Architect...J. E. McCarthy, 310 Anglo Bldg., San Francisco.
 Contractor...Geo. D. Gilmour, 2376 Howard, San Francisco.

Filed June 28, '13. Dated June 28, '13.
 Frame up.....\$612.50
 Brown coated..... 612.50
 Completed..... 612.50
 Usual 35 days..... 612.50
 TOTAL COST, \$2450.00
 Bond, \$1225. Sureties, Chas. J. McDonnell and Thos. L. Comyns. Limit 90 days. Forfeit, none. Plans and specifications filed.

(2407) N SYCAMORE AVE 230 W Mission W 25xN 100. All work for two-story and rough basement frame building (4 flats).
 Owner.....Mary E. Soto, 50 Sycamore San Francisco.
 Architect...M. J. Welsh, SE 22nd and Mission, San Francisco.
 Contractor...G. Anderson, 2330 24th, San Francisco.

Filed June 28, '13. Dated June 25, '13.
 Frame up.....
 Brown coated.....
 Completed.....
 Usual 35 days.....
 TOTAL COST, \$5375

Bond, \$2687.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, \$2. Plans and specifications filed.

(2408) NINETEENTH near Guerrero. All work for sanitary milk plant.
 Owner.....Dairy Delivery Co., 3550 19th, San Francisco.
 Engineer...C. F. Wieland, Mutual Bk. Contractor...Lewis A. Hicks Co., Rialto Bldg., San Francisco.
 Filed June 28, '13. Dated June 27, '13.
 Payments within 5 days after last of each month of..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$18,450

Bond, \$9424.50. Surety, Pacific Coast Casualty Co. Limit, 75 days. Forfeit, Bldg., San Francisco.
 \$10. Plans and specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO.

June 21, 1913—W THIRTY-SEVENth Ave 325 S Lincoln Way S 100xW 120. Lincoln U Grant to whom it may concern.....June 21, 1913
 June 21, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to J A Orford and Morrison & Co.....June 20, 1913
 June 23, 1913—NW HOWARD 370 SW Third SW 10xNW 80. Clara Ribbero to Leaf & Kaiser, W Heldt Cornice Works.....June 19, 1913
 June 23, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Investment Co to P J Lynch.....June 19, 1913

BUILDING AND INDUSTRIAL NEWS

Holden to whom it may concern..
 June 23, 1913—W ANDERSON 50 N
 Tompkins Ave N 25x70. St. George
June 20, 1913
 June 23, 1913—W ANDERSON 75 N
 Tompkins Ave N 25x70. St. George
 Holden to whom it may concern..
June 20, 1913
 June 23, 1913—SE CALIFORNIA &
 Leidesdorff. The Insurance Ex-
 change to Farrell & Reed, June 21 '13
 June 24, 1913—LOTS 50 AND 51 BLK
 5, Crocker Amazon Tract. Arthur
 G Duncan to L L Allen. June 23, 1913
 June 24, 1913—GEARY NOS. 5026-28.
 James Elliott to James Elliott.....
June 21, 1913
 June 24, 1913—S SACRAMENTO 80 E
 Franklin E 32-9xS 87-8 1/4. William
 and Alexander Mensor to whom it
 may concern.....June 23, 1913
 June 24, 1913—S SACRAMENTO 80 E
 Franklin E 32-9xS 87-8 1/4. William
 and Alexander Mensor to The Hill
 Co and H A Chalmers Inc.....
 June 25, 1913—W NINTH AVE 150
 N California N 25xW 120. Franklin
 L Colton to Walter G Glunz.....
June 24, 1913
 June 25, 1913—N ROLPH 203 W
 Madrid, Crocker Amazon Tract.
 Schroder & Allis to Schroder &
 AllisJune 20, 1913
 June 25, 1913—W TWENTY-FIRST
 Ave 225 S Geary S 25xW 120. Glenn
 A Ball to Geo F Cleese, June 23, 1913
 June 25, 1913—W HARRIET 250 N
 Brannan N 22xW 80. No. 350 Har-
 riet. Ignatz Geiger to whom it
 may concern.....June 21, 1913
 June 26, 1913—SE TAYLOR AND
 Falcon E 74xS 50. J P Lorden to
 Higginson Co, Inc.....June 23, 1913
 June 26, 1913—SE SACRAMENTO &
 Buchanan E 50xS parallel with
 Buchanan 127-8 1/4 WA 236. Joseph
 Sockolov to whom it may conc n
June 25, 1913
 June 26, 1913—NE VAN NESS AVE
 and California N 142-2 1/4 E 100.
 Royal Investment Co to J J Philbin
June 26, 1913
 June 26, 1913—SE CALIFORNIA AND
 Gough E 72-6xS 100. Sylvain
 Schnalttacher to Brandon & Law-
 sonJune 17, 1913
 June 26, 1913—S ARMY 76-4 1/2 E Dia-
 mond E 25-5 1/2 xS 114 HA 179.
 Alfred Anderson to whom it may
 concern.....June 26, 1913
 June 26, 1913—N SACRAMENTO 137-6
 E Polk E 30xN 127-8 1/4. Philip
 Yager to whom it may concern.....
June 25, 1913
 June 26, 1913—E FOURTH AVE 60 S
 Balboa S 25xE 95. Chas J Mc-
 Donnell to whom it may concern..
June 26, 1913
 June 26, 1913—NW BUSH & SAN-
 some N 137-6xW 67-6. Standard
 Oil Co to L A Hinson.....June 21, 1913
 June 26, 1913—NE PINE & JONES
 N 82-6xS 43. Theo J Roche to H
 Maundrell.....June 25, 1913
 June 26, 1913—W NINTH AVE 75 N
 Ortega N 25x107-6. William G
 Zupar to whom it may concern..
June 26, 1913
 June 26, 1913—W MISSION 160 S
 18th S 25xW 160. Frederick Esdras
 Mersereau to H E & T W Mac-
 Arthur.....June 26, 1913
 June 26, 1913—N FILBERT 164-6 W
 Debsadero W 27xN 157-7. Chas
 D McGettigan to W W Rednall....
June 26, 1913
 June 27, 1913—ND PINE AND JONES

N 82-6xE 43. Theo J Roche to John
 G Sutton Co.....June 26, 1913
 June 27, 1913—S CALIFORNIA 150-6
 E Franklin E 28xS 137-6. Badge J
 Wyman to whom it may concern
June 26, 1913
 June 27, 1913—S CALIFORNIA 178-6
 E Franklin E 28xS 137-6. Annie
 Green to A J Falvey.....June 26, 1913
 June 27, 1913—SE CLAY & POWELL
 S 68-9 E 59 N 68-9 — 59. Bert
 Schlesinger to Ira W Coburn, Inc
June 24, 1913
 June 27, 1913—SE CLAY & POWELL
 S 68-9xE 59. Bert Schlesinger to
 Kiernan & O'Brien.....June 24, 1913
 June 27, 1913—S RICHLAND AVE
 250 W Mission 25x100. Frank and
 Olga Buehn to W F Duffer.....
June 27, 1913
 June 27, 1913—COMG. 185 N FROM
 NE Geneva Ave and Moscow N 25x
 E 100. Dakin & Kern to whom it
 may concern.....June 27, 1913
 June 27, 1913—E SAN GABRIEL AVE
 50 S Capistrano Ave Lot 3 Blk "B"
 Mission Terrace. N F Nilsson to
 whom it may concern.....June 27, 1913

LIENS FILED.

San Francisco.

June 21, 1913—W LARKIN 127-8 1/4 N
 Jackson N 25xW 112. Thomas F
 Rigney vs Edward Lunstedt and
 George W Boston.....\$152.50
 June 24, 1913—W WINFIELD AVE
 — N Virginia N 25xW —, Lot 292
 Gift Map No. 3. H S Thompson vs.
 Mary Chesney and A W Burnett.....
\$158.44
 June 24, 1913—SE HOWARD 135 SW
 Third SW 40xSE 50. P S Grassi &
 Co vs James P Sweeney and Bishop
 & Duarte\$35
 June 25, 1913—E DIAMOND 322-6 S
 20th S 25xE 125. C H Beckman vs
 Bay Cities Home Bldg Co and C E
 Herrick Inc, Corp\$70
 June 25, 1913—E DIAMOND 372-6 S
 20th S 25xE 125. C H Beckman vs
 Bay Cities Home Bldg Co and C E
 Herrick, Inc., Corp.....\$150
 June 25, 1913—E DIAMOND 347-6 S
 20th S 25xE 125. C H Beckman vs
 Bay Cities Home Bldg Co and C E
 Herrick Inc, Corp.....\$70
 June 27, 1913—W THIRTY-FIFTH
 Ave 200 N Anza N 25xW 120. Louis
 C Ulrich vs Martha Petri, Harvey
 C Howes and Oscar Heyman &
 Bro\$92.55

OAKLAND AND ALAMEDA
COUNTY.

RESIDENCE — 2 story and base,
 frame, \$1,500. Oakland, Cal. Archi-
 tects, Hutchinson Bros. 470 13th St.,
 Oakland. Owner, Mrs. Chamberlain.
 The house will be erected on Valle
 Vista avenue, and has been designed
 for an eight-room dwelling with baths
 and sleeping porch. Interior will be
 finished in pine and hardwood. Hard-
 wood floors will be used in the living
 room, dining room and reception hall.
 There will be furnace heat and open
 fire places. Mantels will be of brick.
 Tile will be used in the bath rooms
 and kitchen. Exterior of the dwell-
 ing will be covered with cement plas-
 ter on metal lath. Plans are complete
 and figures are being taken.

RESIDENCE — 2 story and base,

frame, \$8,000. Berkeley, Alameda Co.,
 Cal. Architect, William H. Ratcliff,
 Jr., First National Bank Bldg., Berke-
 ley. Owner, Prof. C. L. Cory. The
 dwelling will be erected on Waring
 street near Dwight Way, and has been
 designed to contain ten rooms, baths
 and sleeping porch. Interior finish
 will be of pine and hardwood. Hard-
 wood floors will be used in the prin-
 cipal rooms. There will be furnace
 heat and open fire places. Mantels
 will be of brick and tile. An auto-
 matic water heater will be installed.
 Exterior of the dwelling will be cov-
 ered with cement plaster on metal
 lath. Plans are complete and figures
 are now being taken.

RESIDENCE — 2 story and base,
 frame, \$6,000. San Leandro, Alameda
 Co., Cal. Architect, Louis M. Upton,
 Mutual Bank Bldg., S. F. Owner,
 James Dalziel. This house will be
 erected on the Poothill Boulevard, and
 is to contain in the neighborhood of
 ten rooms, baths and sleeping porch.
 Interior finish will be of pine and
 hardwood. Hardwood floors will be
 used in the principal rooms. Plans
 provide for furnace heat and open fire
 places. Mantels will be of brick. Tile
 will be used in the bath rooms and
 kitchen. Exterior of the dwelling
 will be covered with cement plaster
 on metal lath. Plans are complete
 and figures are now being taken.

RESIDENCE — 2 story and base,
 frame. Cost not stated. Berkeley,
 Alameda Co., Cal. Architect, John
 Hudson Thomas, First National Bank
 Bldg., Berkeley. Owner, A. H. Gerds.
 The house will contain eight rooms,
 bath and sleeping porch. Interior
 finish will be of pine with some hard-
 wood veneer. Hardwood floors will be
 used in the principal rooms. Plans
 provide for furnace heat and open fire
 places. Mantels will be of brick or
 tile. Bath room will have tile wains-
 cot. An automatic water heater will
 also be installed. Exterior of the
 dwelling will be covered with cement
 plaster on metal lath. Plans are now
 being prepared.

RESIDENCE — 2 story and base,
 frame, \$4,000. Berkeley, Alameda Co.,
 Cal. Architect, Olin S. Grove, 2911
 Telegraph Ave., Berkeley. Owner,
 Mr. Knight. The house will be erect-
 ed in Northbrae, and has been de-
 signed to contain eight rooms, bath
 and sleeping porch. All interior fin-
 ish will be of pine or redwood. Hard-
 wood floors will be used in the living
 room, dining room and reception hall.
 There will be furnace heat and open
 fire places. Mantels will be of brick.
 Tile will be used in the bath room and
 kitchen. Exterior of the dwelling
 will be covered with cement plaster on
 metal lath. Plans are being prepared
 for the work and bids will be called
 for shortly.

RESIDENCE — 2 story and base,
 frame, \$3,600. Oakland, Cal. Archi-
 tect, none. Owner, George C. Edis,
 1929 24th Ave., Oakland. The dwelling
 will be erected at the corner of 7th
 avenue and East 23rd street, and will
 contain seven rooms and bath. Inter-
 ior will be finished in pine and red-
 wood. Hardwood floors will be used
 in the principal rooms. There will be
 furnace heat and open fire places.
 Mantels will be of brick and tile. Tile

will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George P. Baxter. The dwelling will be erected in Claremont, and is designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be wainscoted with tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—6 story and base, brick and steel, \$70,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. This building was mentioned here recently when the architect was first commissioned to prepare plans. The structure will be erected at the corner of 12th and Grove streets and will have a complete steel frame. Interior will be arranged for two and three room suites with wall beds and private baths. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile and composition. There will be steam heat, elevator service, a vacuum cleaning system and other modern conveniences. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken for the work.

RESIDENCE—2 story and base, frame, \$15,000. Oakland, Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Edward Beck. The dwelling will be erected on Lee street east of Monticello, and has been designed to contain twelve rooms, bath, laundry and sleeping porches. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. Plans provide for a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. All bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

FLATS—2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, Harry Wicks, 579 27th street, Oakland. The building has been designed to contain two modern flats of five and six rooms each. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be an open fire place in each living room. Mantels will be of brick or tile. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is now taking figures on the work.

HOTEL—8 story and base. Class A construction, \$110,000. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, O. J. Mead. A

site at the southeast corner of 10th and Clay streets has been secured and a building covering 50x100 feet will be erected as soon as plans can be prepared. There will be stores on the first floor besides a large hotel lobby and offices. Upper seven floors will be arranged for single rooms, a large proportion of which will have connecting baths. There will be a complete steel frame and exterior walls of brick, faced with pressed brick and terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. Floors will be of concrete. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot and cold running water. Interior finish will be of pine and hardwoods with tile and marble wainscot. Bath rooms will be finished in tile. Metal window sash and frames will be used. Plans are now being prepared.

HOTEL—6 story and base, brick and steel, \$60,000. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner Charles Street. The building will be erected at the northeast corner of 10th and Franklin streets and covers a large area. There will be stores on the first floor besides the hotel lobby. Upper floors will be arranged for single rooms and baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service, a vacuum cleaning system and hot water plant. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OFFICES—1 story, frame, \$3,000. Oakland, Cal. Architect, Frederick Soderberg, Union Savings Bank Bldg., Oakland. Owners, Howard Co. The building will be erected at the corner of First and Market streets, and has been designed to contain the offices of the Howard Company. Interior will be finished in pine with some hardwoods. The exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts.

Oakland.

No.	Owner	Contractor	Am't.
1945	Wagner	Somerville	2200
1946	Havens	Noack	400
1947	Blind Home	Schroeder	400
1948	Coasts	Graves	400
1949	Coast Mfg	Rasmussen	12552
1950	Bird	Rich	1900
1952	Gantier	McKay	500
1953	Bandle	Johnson	2700
1954	Ish	Adler	400
1955	Ferry	Ferry	400
1956	Schmidt	Larsen	500
1957	Loughery	Owner	2500
1958	Krueckel	Schmidt	400
1971	Dahl	Dahl	400
1972	Morrison	Colt	2500
1974	Schiffmann	Morgensen	2000
1975	7th Day Adv.	Whalin	1500
1976	Gotchett	Owner	1800
1977	Werner	Corbett	1000
1978	Ovlen	Vaughn	2890
1979	Connahan	MacGregor	4900
1980	Bk of San Leandro	Quinn	48200
1981	Sane	Samuelis Co	225
1982	Morrison	Colt	2500
1984	Preville	Roem	500
1985	White	Jones	400
1986	Ramos	Ramos	700
1987	Struble	Schraeder	800
1988	McCauley	Owner	2000
1989	Hudson	Hudson	1000
1990	Zander	Anderson	2000
1991	Rielly	Roset	2800
1992	Eckhardt	Mallick	1900
1993	Ventre	Ventre	1500
1995	Werum	Werum	4000

1996	Gregory	Peterson	8292
1998	Ovlen	Vaughn	2590
1999	Sadler	Crichon	400
2000	Payne	Connolly	400
2001	Koenig	Gunn	450
2004	Key Route	Daniel	

(Correction in last payment)

(1901) LOT 5 BLK 22 Lakeside Tract, Adams Point Ppty., Oakland. All work for two-story and basement frame dwelling.
Owner.....Emma J. Conklin, Oakland
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor..Peterson & Anderson, Okd.
Filed June 18, '13. Dated June 16, '13.
Frame up, roof sheathed and chimney built\$1550.00
Plumbing and electric work roughed in, exterior mill work and covering in place and 1st brown coat completed..... 1550.00
Completed and accepted..... 1550.00
Usual 35 days..... 1597.75
TOTAL COST, \$6247.75
Bond, \$3124. Surety, Aetna Accident & Liability Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1945) S AUSEON 120 W Birch, Oakland. One-story 6-room dwelling.
Owner.....A. L. Wagner, Granada Apartments, Oakland.
Architect...None.
Contractor..J. H. Somersville, 1538 17th Ave., Oakland.
COST, \$2200

(1946) NO. 588 THIRTEENTH, Oakland. Alterations.
Owner.....Havens & De Brutz, 10th nr Washington, Oakland.
Architect...None.
Contractor..A. Noack, 5th and Franklin Oakland.
COST, \$400

(1947) THIRTY-SIXTH AND TELEGRAPH Ave., Oakland. Alterations.
Owner.....State of California Blind Home, Premises.
Architect...None.
Contractor..J. F. Schroeder, 520 16th, Oakland.
COST, \$400

(1948) NO. 522 THIRTY-SECOND, Oakland. Garage.
Owner.....Mrs. B. Jacobs, 522 22nd, Oakland.
Architect...None.
Contractor..Jos. Graves, 307 Ellwood Ave., Oakland.
COST, \$400

(1949) W LN PLOT "J" OF RANCHO Las Postas and NW in right of way of W P R R NE 2040.2 NW 1055.8 SW 1688 S 822.8 Pin Plot "J" of Subdiv of Rancho Las Postas, Murray Tr. All work for two-story and basement dwelling and two-story frame office building.
Owner.....Coast Mfg. & Supply Co., 1022 66th Ave., Oakland.
Architect...None.
Contractor..C. H. Rasmussen, Livermore.

Filed June 23, '13. Dated June 12, '13.
Concrete foundations and excavating completed 1/4
Interior plaster completed..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$12,552.30
Bond, \$6276.15. Surety, Fidelity & Deposit Co. Limit, 90 days after June 12.
Forfeit, \$20. Plans and specifications filed.

(1950) E 4 FEET LOT 15 and W 34 feet Lot 16 Blk "B," Map Evoy Tract, Oakland. All work for one-story dwelling.

Owner.....Mrs. Eveline Bird, Oakland
Architect...None.

Contractor...J. L. Rich, 3860 Lusk, Oakland.
Filed June 28, '13. Dated June 20, '13.

Frame up 1/4
Plastered 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$1900

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1952) W E-FOURTEENTH 50 N 35th Ave., Oakland. Addition.
Owner.....E. Gantier, 3445 E-14th, Oakland.
Architect...None.

Contractor...D. McKay, San Lorenzo.
COST, \$500

(1953) E AYALA 75 N Miranda, Oakland. One and one-half-story six-room dwelling.

Owner.....R. Bendle, 5465 Claremont, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.

Contractor...Geo. H. Johnson, 5457 Vicente, Oakland.
COST, \$2700

(1954) NW MONTEL & FAIRMONT, Oakland. Garage.

Owner.....Frank M. Ish, 679 Fairmont Ave., Oakland.
Architect...None.

Contractor...Jno. Adler, 3040 Adeline, Oakland.
COST, \$400

(1955) NO. 414 THIRTEENTH, Oakland. Alterations.

Owner.....R. A. Perry, Premises.
Architect...None

Day's work. COST, \$400

(1956) NO. 3615 POST, Oakland. Addition.

Owner.....J. L. Schmidt, Premises.
Architect...None.

Contractor...R. K. Larsen, 3346 Elmwood Ave., Oakland.
COST, \$500

(1957) E WARWICK AVE 100 N Perkins, Oakland. One-story 6-room dwelling.

Owner.....J. F. Loughery, 705 31st, Oakland.
Architect...None.

Day's work. COST, \$2500

(1958) S WELLINGTON 200 W 13th Ave., Oakland. Two-story 7-room dwelling.

Owner.....Wm. Krueckel, 3002 West, Oakland.
Architect...None.

Contractor...Peter N. Schmidt, 1011 Franklin, Oakland.
COST, \$4000

(1971) E EIGHTY-FIFTH AVE 150 S Dowling, Oakland. One-story 3-room dwelling.

Owner.....Carl Dahl.
Architect...None.

Day's work. COST, \$400

(1972) W RANDOLPH AVE 217 S Hampel, Oakland. One-story five-room dwelling.

Owner.....Harry C. Morrison, Bacon Bldg., Oakland.

Architect...A. J. Mazurette, Albany Bldg., Oakland.
Contractor...Roger Coit, 1522 Broadway, Oakland.
COST, \$2500

(1974) N THIRTY-EIGHTH 165 W Grove W 30xN 145, Oakland. All work for one-story 5-room dwelling.

Owner.....A. C. and Eugene Schiffmann, 850 16th, Oakland.
Architect...None.

Contractor...Adolph Morgensen, 554 63d Oakland.
Filed June 25, '13. Dated April 22, '13.

Frame up 1/4
1st coat plaster on..... 1/4
Completed 1/4
Usual 35 days..... 1/4

TOTAL COST, \$2000

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

(1975) NO. 531 TWENTY-FIFTH, Oakland. Alterations.

Owner.....7th Day Adventists Church Premises.
Architect...None.

Contractor...W. E. Whalin, 269 Bacon Block, Oakland.
COST, 1500

(1976) E 107TH AVE 100 N Horthense Oakland. One and one-half-story 6-room dwelling.

Owner.....Mrs. F. B. Gotchett, 783 Haight Ave., Alameda.
Architect...None.

Day's work. COST, \$1800

(1977) NO. 418 ELEVENTH, Oakland. Alterations.

Owner.....Dick Werner, 422 11th, Oakland.
Architect...None.

Contractor...Corbett & Bayless, 1110 Franklin, Oakland.
COST, \$1000

(1978) NE GREENWOOD & HAMPPEL, Oakland. Two-story 6-room dwlg.

Owner.....B. A. Orlen, 1225 Broadway, Oakland.
Architect...None.

Contractor...John Vaughn, 1124 Hampel Oakland.
COST, \$2890

(1979) B LINDA AVE 203 S Piedmont Ave., Oakland. Two-story 12-room flats.

Owner.....Miss E. B. Connahan, 25 Monte Vista Ave., Okd.
Architect...None.

Contractor...C. M. MacGregor, 470 13th, Oakland.
COST, \$4900

(1980) NW ESTUDIOLO AND HAYWARD AVE., San Leandro. All work except banking room finish, painting, roofing and heating for two-story bank and office building.

Owner.....Bank of San Leandro.
Architect...W. H. Weeks, 75 Post, San Francisco.

Contractor...P. P. Quinn, 1383 9th Ave., San Francisco.
Filed June 26, '13. Dated June 20, '13.

Ready to erect stone at 2nd story level 6025

Stone work entirely erected... 6025

Ready for roof..... 6025

Ready for plastering..... 6025

Ready for interior finish..... 6025

Completed and accepted..... 6025

Usual 35 days..... 12050

TOTAL COST, \$48,200

Bond, \$24,100. Surety, John E. Beck and M. V. Brady. Limit, 175 days.

Forfeit, \$10. Plans and specifications filed.

(1981) ROOFING ON ABOVE.
Contractor...H. D. Samuels Roofing Co., 110 Jessie, San Francisco.

Filed June 26, '13. Dated June 21, '13.
Completed and accepted..... 75%

Usual 35 days..... 25%

TOTAL COST, \$225

Bond, none. Limit, 145 days. Forfeit, \$10. Plans and specifications filed.

(1982) LOT 6 BLK "G" Fourth Ave. Terrace, Oakland. All work for one-story dwelling.

Owner.....Harry C. Morrison, Okd.
Architect...None.

Contractor...Roger Coit, 1522 Broadway, Oakland.
Filed June 26, '13. Dated June 25, '13.

Frame up 1/4
Plastering completed 1/4

Completed and accepted..... 1/4
Usual 35 days 1/4

TOTAL COST, \$2500

Bond, \$1250. Sureties, Charles B. and Alma E. Coit. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(1984) S E-TWENTY-THIRD 200 W Seventh Ave., Oakland. One-story 3-room dwelling.

Owner.....A. E. M. Penville, 611 E-23rd, Oakland.
Architect...None.

Contractor...N. Z. Roem, 1135 Grand Ave., Oakland.
COST, \$500

(1985) NO. 3342 CHESTNUT, Oakland. Alterations.

Owner.....C. B. White, 2831 Market, San Francisco.
Architect...None.

Contractor...Jones Bros., 863 38th, Okd.
COST, \$400

(1986) S ARLINGTON AVE 256 E Los Angeles, Oakland. One-story 3-room dwelling.

Owner.....Mrs. Georgia Ramas, 615 45th, Oakland.
Architect...None.

Contractor...Wm. R. Ramas, 615 45th, Oakland.
COST, \$700

(1987) NO. 686 SEVENTEENTH, Oakland. Addition.

Owner.....F. Stryble, Premises.
Architect...None.

Contractor...J. F. Shraeder, 520 16th, Oakland.
COST, \$900

(1988) N SANTA RITA AVE 256 W Rail Road Ave., Oakland. One-story 6-room dwelling.

Owner.....Martha McCausland, 584 10th, Oakland.
Architect...None.

Contractor...W. McCausland, 584 10th, Oakland.
COST, \$2000

(1989) S BROOKLYN AVE 100 E Van Dyke Ave., Oakland. One-story 5-room dwelling.

Owner.....Geo. Hudson, 757 Brooklyn Ave., Oakland.
Architect...None.

Day's work. COST, \$1000

(1990) N WELLINGTON AVE 170 N Division, Oakland. Two-story six-room dwelling.

Owner.....W. Zahn, 732 61st, Okd.
Architect...None.

Contractor...Gus. A. Anderson, 2362 High, Oakland.
COST, \$2000

(1991) N QUIGLEY 200 E 35th Ave., Oakland. One and one-half-story 7-room dwelling.

Owner.....John H. Riedley, 3438 35th Ave., Oakland.
Architect...None.
Contractor...A. H. Rose & Co., 545 17th, Oakland. COST, \$2800

(1992) W 98TH AVE 60 S "A," Oakland. One-story 5-room dwelling.
Owner.....E. W. Eckhardt, 9061 E-14th, Oakland.

Architect...None.
Contractor...Mallick & Begler, 2000 90th Ave., Oakland. COST, \$1900

(1993) N SAN JUAN 160 W Alma, Oakland. One-story 6-room dwlg.
Owner.....Mrs. Katherine Ventre, 1226 81st Ave., Oakland.

Architect...None.
Contractor...Jas. Ventre, 1226 81st Ave., Oakland. COST, \$1540

(1995) N HARPER COURT 275 W 35th Ave., Oakland. One and one-half-story 8-room dwelling.

Owner.....A. M. Werum, 3410 Harper Court, Oakland.

Architect...None.
Contractor...A. F. Werum, 3498 Boulevard, Oakland. COST, \$4000

(1996) LOTS 1, 2, 3 BLK 6 East Piedmont Heights Extension, Oakland. All work for two-story and basement dwelling.

Owner.....Miss J. Gregory, Oakland.
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor...Peterson & Anderson, Oakland.

Filed June 27, '13. Dated June 26, '13. Frame completed, roof sheathed & brick chimney completed. \$2070.00 Plumbing and electric work roughed in, exterior mill work in place, exterior covering and 1st brown coat on..... 2070.00

Completed and accepted..... 2070.00
Usual 35 days..... 2082.37
TOTAL COST, \$2892.37

Bond, \$4146. Sureties, H. J. Quinn and Alfred Olson. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1998) NW GREENWOOD AVE AND NE Fleet Road NW 34.66 NE 61 SE to pt. distant 64 NE pt. beg SW 64, Oakland. All work for two-story and basement dwelling.

Owner.....Bror Axel Ovlen, 1225 Broadway, Oakland.

Architect...Hutchinson Bros., 470 13th, Oakland.

Contractor...John Vaughn, 1124 Hampel Oakland.

Filed June 27, '13. Dated June 21, '13. Frame up..... ¼
Brown coated..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$2890
Bond, \$1445. Surety, Francis P. Vaughn. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

(1999) NO. 1945 TWENTY-FOURTH Ave., Oakland. Addition

Owner.....C. M. Sadler, Modesto, Cal.
Architect...None.
Contractor...F. J. Crichton, Premises. COST, \$400

(2000) NO 2166 WEST, Oakland. Alterations.

Owner.....Robt. C. Payne, Premises.
Architect...None.

Contractor...H. Connolly, 625 20th, Okd. COST, \$100

(2001) NO. 1651 FOURTEENTH, Oakland. Alterations.

Owner.....F. Koenig Est., 1695 14th, Oakland.

Architect...None.
Contractor...J. F. Gunn, 839 Isabella, Oakland.

COST, \$450

(2004) KEY ROUTE PIER AND FILL, Oakland. Seawalls and dredging.

Owner.....San Francisco-Oakland Terminal Railways.

Architect...None.
Contractor...Daniel Contracting Co., 503 Market, San Francisco.

Filed June 27, '13. Dated June 27, '13.

DREDGING, 15c per cu. yd; furnishing and placing rock 82½ cents per short ton.

Bond, \$256,500. Surety, Pacific Coast Casualty Co. Limit, 282 days. Forfeit, none. Bonus, \$200 a day. Plans and specifications filed.

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
1943	Clark	Farquharson	22000
1944	Richl	Bichl	1250
1951	Forster	Forster	1000
1973	Bell	Weitzel	3726
1994	Case	Merrilees	2500
1997	Gandy	Gastman	2750
2002	Newmark	Kidder	4200
2003	Illich	Laamanen	1400

(1943) NE PROSPECT & BANCROFT Way, Berkeley. Two-story 16-room dwelling.

Owner.....Richard Clark, 1001 Morton Alameda.

Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor...D. B. Farquharson, 1760 Ellis, San Francisco. COST, \$22,000

(1944) N STUART 120 W Fulton, Berkeley. One-story 4-room dwelling.

Owner.....S. Bichl, 2149 Stuart, Bkly.

Architect...None.
Contractor...P. F. C. Bichl, 2149 Stuart, Berkeley

COST, \$1250

(1951) E OTIS 150 S Russell, Berkeley One-story 5-room dwelling.

Owner.....W. J. Forster, 2915 Otis, Berkeley.

Architect...None.
Day's work. COST, \$1000

(1973) LOT 16 BLK "K" Berry Bangs Tract, Berkeley. All work for two-story dwelling.

Owner.....William J. Bell, 2504 Webster, Berkeley.

Architect...None.
Contractor...John Weitzel, 1519 Grant, Berkeley.

Filed June 25, '13. Dated June 24, '13.

Frame up..... ¼
Brown coated..... ¼

Completed..... ¼
Usual 35 days..... ¼

TOTAL COST, \$3726

Bond, none. Limit, Sept. 24. Forfeit, none. Plans and specifications filed.

(1994) N POSEN AVE 375 E Monterey Ave., Berkeley. One-story 6-room

dwelling.

Owner.....Mrs. Lulu Case, 2641 Grant Berkeley.

Architect...None.

Contractor...J. M. Merrilees & Co., 2916 Grove, Oakland. COST, \$2500

(1997) LOT 37 BLK 13 Northbrae, Berkeley. Carpenter work, brick work, cement work, plastering, painting, plumbing, electric wiring and fixtures, mill work, hardware for one-story dwelling.

Owner.....C. W. Gandy, 5150 Congress, Oakland.

Architect...H. K. Lovell, 1617 Felton, Berkeley.

Contractor...Herman H. Gastman, 2530 Eunice, Berkeley.

Filed June 27, '13. Dated June 5, '13.

Contract recorded..... \$1000

Studs and joists set..... 300

Ready for plaster..... 350

Completed and accepted..... 550

Usual 35 days..... 550

TOTAL COST, \$2750

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2002) LOT 17 BLK 5 Contra Costa Road, Claremont, Berkeley. All work for two-story and basement dwelling

Owner.....Mary G. and Milton Newmark.

Architect...J. Henry Boeber, Delgar Bldg., Oakland.

Contractor...Kidder & McCullough, 2075 Addison, Berkeley.

Filed June 27, '13. Dated June 26, '13.

Frame completed and sheathed. ¼

Rough plastering completed.... ¼

Completed..... ¼

Usual 35 days..... ¼

TOTAL COST, \$4200

Bond, \$2250. Sureties, B. E. Underwood and F. E. Armstrong. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2003) LOT 1 and W 10 ft. Lot 2 Blk 119 Map Allston Tract, Berkeley. All work for one-story and basement dwelling.

Owner.....Samuel Illich, 2439 Bancroft Way, Berkeley.

Architect...None.

Contractor...John Laamanen, 1032 Carlton, Berkeley.

Filed June 28, '13. Dated June 27, '13.

Frame up..... ¼

Brown coated..... ¼

Completed and accepted..... ¼

Usual 35 days..... ¼

TOTAL COST, \$1400

Bond, \$700. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

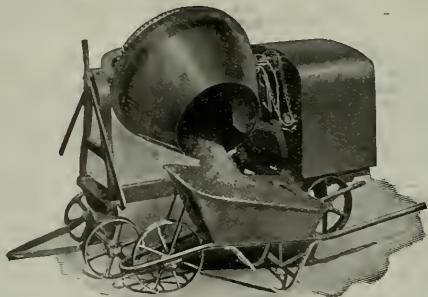
Alameda.

No.	Owner	Contractor	Amt.
1953	Nissen	Bensen	1375
1960	Gold	Harris	1500
1961	Rissatto	Kneppler	1265
1962	Hillen	Hillen	2000
1963	Hillen	Hillen	2000
1964	Hooper	Strang	2000
1965	Hillen	Hillen	2000
1966	Gibson	Hillen	500
1967	Hillen	Hillen	2000
1968	Moose	Swenson	2000
1969	Strang	Strang	2000
1970	Hazeltin	Van	400
1983	Murray	Altshon	3152

(1959) NO. 1722 EVERETT, Alameda. One-story cottage.

Owner.....Geo. Nilsen, La Grand Villa, Alameda.

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San Francisco

Designer...Geo. A. Benseman.
Contractor...Geo. A. Benseman, 2316
Alameda Ave., Alameda.
COST, \$1375

(1350) NO. 1801 WEBSTER, Alameda.
One-story dwelling.
Owner.....S. Gold, Webster near
Buena Vista Ave., Alameda
Architect...None.
Contractor...Harris & Hudson, 1957 E-
38th, Oakland.
COST, \$1500

(1361) NO. 909 CENTENAL AVE.,
Alameda. One-story 4-room dwlg.
Owner.....George Rissatto, 1209 9th,
Alameda.
Designer...G. G. Kneppler.
Contractor...G. G. Kneppler, 606 Haight
Ave., Alameda.
COST, \$1265

(1362) NO. 3276 GARFIELD AVE.,
Alameda. One-story dwelling.
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Architect...W. W. Landgrebe, Fern-
side & Liberty Ave., Ala.
Day's work. COST, \$2000

(1363) NO. 3272 GARFIELD AVE.,
Alameda. One-story dwelling.
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Architect...W. W. Landgrebe, Fern-
side & Liberty Ave., Ala.
Day's work. COST, \$2000

(1364) NO. 809 PORTOLA AVE., Alameda.
One-story 6-room dwelling.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...V. N. Strang.

Contractor...Strang Bros., 1319 Bur-
bank, Alameda.
COST, \$2000

(1365) NO. 3251 GARFIELD AVE.,
Alameda. One-story dwelling.
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Architect...W. W. Landgrebe, Fern-
side & Liberty Ave., Ala.
Day's work. COST, \$2000

(1366) NO. 1800 CENTRAL AVE.,
Alameda. Garage.
Owner.....Thor. I. Gibson, Premises.
Architect...None.
Contractor...R. C. Hillen, Liberty and
Fernside, Alameda.
COST, \$500

(1367) NO. 3273 GARFIELD AVE.,
Alameda. One-story dwelling.
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Architect...W. W. Landgrebe, Fern-
side & Liberty Ave., Ala.
Day's work. COST, \$2000

(1368) NO. 2311 CENTRAL AVE., Alameda.
Lodge and club room.
Owner.....Moose Hall Ass'n., Moose
Hall, Alameda.
Designer...L. Swenson.
Contractor...L. Swenson, 2242 Enclinal
Ave., Alameda.
COST, \$2000

(1369) NO. 1704 HIGH, Alameda.
One-story dwelling.
Owner.....P. N. Strang, 1330 Bur-
bank, Alameda.
Architect...None.
Day's work. COST, \$2000

(1970) NO. 1019 FILBERT, Oakland.
Alterations.
Owner.....Lucy J. Hazeltin, 621 Fil-
bert, Oakland.
Architect...None.
Contractor...Mr. Van.
COST, \$100

(1953) E VERSAILLES AVE 203.77 N
San Jose Ave N 27.5x E 100, Alameda.
All work for two-story and base-
ment six-room dwelling.
Owner.....Marie L. Murray, 1221 Col-
lege Ave., Alameda.
Architect...None.
Contractor...Aitchison & Sons, 548
Santa Clara Ave., Alameda.
Filed June 26, '13. Dated June 26, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$3152

Bond, \$1576. Sureties, John G. Lubben
and G. W. Johnston. Limit, 70 days.
Forfeit, \$250. Plans and specifications
filed.

Completion Notices.

ALAMEDA COUNTY.

June 20, 1913—LOT 45 Map North
Christiana Tract, Albany. Patrick
Nelson Bldg Co to whom it may
concern.....June 19, 1913
June 20, 1913—LOT 43 Map North
Christiana Tract, Albany. Patrick
Nelson Bldg Co to whom it may
concern.....June 19, 1913
June 20, 1913—NE HEARST AND
Euclid Aves, Bkly. Chamberlain &
Procter to Van Sant-Houghton Co
.....June 18, 1913
June 23, 1913—TWENTY-EIGHTH
No. 1020, Oakland. August Ander-
sen to Harry C Knight, June 9, 1913
June 23, 1913—SE-TWENTY-EIGHTH
40 E 19th Ave, Okd. Granville T
Berrey to whom it may concern.....
.....June 23, 1913
June 23, 1913—LOT 12 BLK "A" Map
Kenwood Park, Okd. William M
and Annie L Morris to whom it
may concern.....June 23, 1913
June 24, 1913—LOT 10 BLK "A" Map
Kenwood Park, Okd. Jessie Wilton
Jones to whom it may concern.....
.....June 23, 1913
June 24, 1913—LOT 8 BLK "I" Map
Bella Vista Park, Okd. John E
Erickson to whom it may concern
.....June 24, 1913
June 25, 1913—LOT 15 BLK 13 Map
Northbrae, Bkly. Patrick Nelson
Bldg Co to whom it may concern.....
.....June 24, 1913
June 25, 1913—LOT 18 ELK 12 Map
Northbrae, Bkly. Patrick Nelson
Bldg Co to whom it may concern.....
.....June 24, 1913
June 25, 1913—S 34 FT. LOT 19 BLK
"C" Map Northbrae Business Ppty,
Bkly. F R Peake Co to whom it
may concern.....June 20, 1913
June 25, 1913—LOT 51 BLK 2 Map
Oak Lawn, Okd. Don W White to
G Johansen.....June 24, 1913
June 25, 1913—LOTS 52 AND 53 Map
40th St. Tract, Okd. The Realty
Syndicate to Cederberg & Anderson
June 26, 1913—S CEDAR 70 W 10th
W 30xS 100, Bkly. Carl Erickson to
whom it may concern.....June 25, 1913

June 27, 1913—LOT 37 Amended Map Woodlawn, Okd. D A Bulmore to whom it may concern. June 2, 1913
 June 27, 1913—PACIFIC AVE No. 422 Piedmont. Marion R Clement to whom it may concern. June 25, 1913
 June 27, 1913—LOT 2 BLK 1, Thousand Oaks, Bkly. Mrs S J Sill to Ben Pearson. June 26, 1913
 June 27, 1913—NE LINDA AVE 144.06 SE Piedmont Ave NE 128xSE 41.5, Okd. Lillian Troy to C M MacGregor. June 27, 1913
 June 27, 1913—LOT 5 Map McMillyay Tct, Okd. Joseph Coward to whom it may concern. June 2, 1913
 June 27, 1913—N RUSSELL 412 ft. 5½ in. E Telegraph Ave Lot 9 Blk "U" Leonard Tract, Bkly. Evelyn Kennedy Scarlett Boyden to L S Lewis. June 17, 1913
 June 27, 1913—N BY L PARALLEL and distant 12 S strip land granted by City of Oakland to owner, E by in at r a, S by in parallel and 60 S, N boundary in W by in at r a to N boundary in and passing through Engineers' Stations 52 and 63, S F Bay. S F O T R R to Daniel Contracting Co. June 27, 1913

LIENS FILED.

ALAMEDA COUNTY.

June 23, 1913—LOT 21 Map Shdvn A of Thermal Rancho, Town of Sunol. Pleasanton Tp. James Egan vs E C Mayo. \$123.20
 June 21, 1913—LOT 5 BLK "D" Map Central Piedmont Tract, Oakland. Walter H Miller, \$462.86; Sunset Lumber Co, \$2595.54; Marshall & Stearns Co, \$45 vs B L Alburn and A S Ruch. \$13.20
 June 26, 1913—LOT 35 BLK "C" Toler Heights, Okd. W P Fuller & Co vs J H Plattner. \$230
 June 26, 1913—LOT 30 BLK "D" Toler Heights, Okd. W P Fuller & Co vs J H Plattner. \$151
 June 26, 1913—LOT 5 BLK "D" Map Central Piedmont Tract, Piedmont. Antill Patent Window Co vs B L Alburn. \$75
 June 27, 1913—LOT 30 BLK "D" Map Toler Heights, Okd. R W Tutt Co vs John H Plattner. \$182.70

NOTICE OF NON-RESPONSIBILITY.

June 23, 1913—N LOMBARD 101-3 W Devilsadero W 75xN 137-6. Chas B Weil and A Meyer as to improvements on leased property.

RELEASE OF BUILDING CONTRACT.

June 23, 1913—W FOURTH AVE 75 N Kirkham N 25xW 95 O. L 765. T F and Sarah G McDermott to R Keller.

NOTICE OF NON-RESPONSIBILITY.

June 25, 1913—N LOMBARD 101-3 W Devilsadero N 93xW 137-6. J J and Ella May Burke as to improvements on leased property.

NOTICE OF NON-LIABILITY.

June 26, 1913—SW POWELL AND Broadway S 93-6xW 100. A E and A Harboro, Trs Italian American Bank as to improvements on leased property.

ABANDONMENT OF HOMESTEAD.

June 27, 1913—LOT 3 BLK 3 Map Warner Tract, Brooklyn Tp. Frank and Emma Avella.

NOTICE OF NON-RESPONSIBILITY.

June 28, 1913—LOT 37 BLK 6 and ptn Lot 38 lies SW in parallel to SW bndry in Lot 38 and distant at right angles 12½ NE therefrom, Map Havenscourt, Okd. Havens-leasd property. court Co as to improvements on

SAN JOSE AND THE SANTA CLARA VALLEY.

Building Contracts.

SANTA CLARA COUNTY.

W SIXTEENTH, 2nd Lot S San Salvadore, San Jose. Six-room cottage. Owner. W. M. Lewis, Mountain View, California.

Architect. None.
 Day's work. COST, \$2000

NO. 251 S-FOURTH, San Jose. Underpin and repairs.

Owner. C. L. Mersterheimer, 249 S-4th, San Jose.

Architect. None.
 Day's work. COST, \$400

NO. 225 N-THIRTY-THIRD, San Jose. Four-room cottage.

Owner. George Cangable, Prem.

Architect. None.
 Day's work. COST, \$1000

S HUMBOLDT, 2nd Lot E of Third St., San Jose. Five-room cottage.

Owner. J. E. Weldon, 645 Ashbury, San Jose.

Architect. None.
 Day's work. COST, \$2300

W PALM N of Oak, San Jose. Five-room cottage.

Owner. L. A. Ddatto, Oak St., San Jose.

Architect. None.

Contractor. Wm. Regal, 344 S-15th, San Jose. COST, \$1750

NO. 372 W SANTA CLARA, San Jose. Concrete building.

Owner. San Jose Water Co., Prem.

Architect. None.
 Day's work. COST, \$6000

NO. 329 S-SEVENTEENTH, San Jose. Six-room cottage.

Owner. J. H. Sullivan, 129 S-9th, San Jose.

Architect. None.
 Day's work. COST, \$1900

LOT 5 BLK 1 Shottenheimer Sub. No. 2, San Jose. All work for one-story bungalow.

Owner. S. Le Delt, 124 Lenzen, San Jose.

Architect. L. T. Lenzen, 110 S-2nd, San Jose.

Contractor. Al. Compton, 547 N-17th, San Jose.

Filed June 21, '13. Dated June 20, '13.

Frame up. \$553

1st coat plaster on. 553

Outside ready for water stain. 553

When completed. 506

Usual 35 days. 725

TOTAL COST, \$2890

Bond, \$1445. Sureties, D. C. Leonardi and W. M. Stalker. Limit, 60 days. Forfeit, none. Plans and specifications filed.

NO. 253 VINE, San Jose. All work for two-story frame residence.

Owner. A. Mignola, Santa Cruz.

Architect. G. W. Page, Rea Bldg., San Jose.

Contractor. Chas. Delpoute, 277 N-16th San Jose.

Filed June 15, '13. Dated June 4, '13.

Frame up. \$930

1st coat plaster on. 930

Finished and completed. 930

Usual 35 days. 930

TOTAL COST, \$3725

Bond, \$1900. Sureties, C. Blaginn and S. Delpoute. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ON GROUNDS NORTH OF PRESENT Willow Glenn School, San Jose. All work for one-story frame school house.

Owner. Trustees of Willow Glenn School, San Jose.

Architect. F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor. John Dowle, San Jose.

Filed June 25, '13. Dated June 24, '13.

Frame up. \$1206.75

Brown plaster on. 1206.75

When completed. 1206.75

Usual 35 days. 1206.75

TOTAL COST, \$4827.00

Bond, \$2413.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, 80 days. Forfeit, \$1. Plans and specifications filed.

NEAR THE CORNER OF FOREST Court and Boyce Ave., Palo Alto. All work for two one-story frame bungalows (cottage No. 1 and No. 2)

Owner. W. Thoits, Palo Alto, Cal.

Architect. R. W. Follmer.

Contractor. Morton & Richers, Palo Alto, Cal.

Filed June 17, '13. Dated June 14, '13.

Frame of cottage No. 1 up. ¼

Frame of cottage No. 2 up. ¼

Plaster on cottage No. 1. ¼

Plaster on cottage No. 2. ¼

Cottage No. 1 completed. ¼

Cottage No. 2 Completed. ¼

Usual 35 days after the filling of notices of completion. ¼

TOTAL COST, \$3690

Bond, \$1850. Sureties, Z. T. Shoning and S. Pedgrift. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SANTA CLARA COUNTY.

SW ORCHARD AND PARK AVE, San Jose. Two-story flats.

Owner. J. B. and E. L. Wolfe, Bird Ave near Coe Ave., San Jose.

Architect. F. D. Wolfe & Son, 1st National Bank Bldg., San Jose

Day's work. COST, \$10,000

NO. 141 LOCUST, San Jose. Remodel and repair cottage.

Owner. John Muhr, Premises.

Architect. None.
 Day's work. COST, \$700

NO. 1129 S-NINTH, San Jose. Remodel cottage.

Owner. Lena Batall, Premises.

Architect. None.

Contractor. Felix Savio, N-River, S. J.

COST, \$500

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

CHURCH—Brick and frame. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, Richmond. Owners, Presbyterian Church. This work has been mentioned here before. The excavating and concrete foundation work has been completed by Day Labor. Construction of the main portion of the building will be undertaken as soon as funds can be raised. Plans for this work have been approved by the Building Committee.

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 1, 2, 3 BLK 323, Martinez. All work for two-story and basement Class "C" building.
Owner.....H. J. Curry, Martinez.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor...Chas. H. Ludden and Robt. W. Lamley, Martinez.
Filed June 24, '13. Dated May 28, '13.
Foundation ready\$ 900
Brick walls ready for 2nd joists 1650
Brick walls ready for ceiling... 2950
Roof on 1600
Brown coat mortar on..... 1500
Exterior prime coat paint on... 2000
When completed 4189
Usual 35 days..... 5263
TOTAL COST, \$21,052.
Bond, \$10,526. Surety, Fidelity & Deposit Co. of Maryland. Limit, 125 working days. Forfeit, \$10. Plans and specifications filed.

LOT 19 BLK 75, City of Richmond. All work for five-room modern house.
Owner.....Mrs. E. Ricca, Richmond.
Architect...O. D. Schelhorse, Richmond.
Contractor...O. D. Schelhorse and John Scollard Richmond.
Filed June 24, '13. Dated June 20, '13.
Frame up\$331.25
House enclosed 331.25
House completed 331.25
Usual 35 days 331.25
TOTAL COST, \$1325.00
Bond, \$662.50. Sureties, J. O. Ford and E. M. Maloney. Limit, 60 days. Forfeit, none. Plans and specifications, none.

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
June 20, 1912—OLEUM (Buildings.)
Geo E Beaudet vs Union Oil Co and
Van Sant-Houghton Co.....\$62

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—1 story and base, brick, \$11,000. Hanford, Kings Co., Cal. Architect, J. Carl Thayer, Forsyth Bldg., Fresno. Owners Hanford School District. The building has been mentioned here before when the architect was first commissioned to prepare plans. There will be four class rooms. Interior finish will be of pine throughout. Stoves will be used for heating. Exterior will be faced with cement plaster. Plans are complete and figures will be opened by the Board of

School Trustees on July 7th. Plans can be had from the architect or from the Clerk of the School Board.

PASSENGER STATIONS—1 story and base, brick, \$15,000 each. Dinuba and Lone Star, Tulare Co., Cal. Engineer, Engineering Department Santa Fe R. R. Co. Owners Santa Fe R. R. Co. Contractors, Yard & Hichborn, 811 Trust and Savings Bldg., L. A. Contract price, \$15,000 each.

GARAGE—1 story and base, reinforced concrete, \$12,000. Patterson, Stanislaus Co., Cal. Architects, Swartz, Hotcukin & Swartz, Fresno. Owner, Thomas Patterson. The building has been designed for a commercial garage and is to be in the Mission style, covering an area of 60x178 feet. The front portion of the building, occupying a space of 24 feet square, will be arranged for a sales room and will have a tile floor, hardwood trim and plate glass windows in patent store fronts. Metal window sash and frames are specified throughout. A tile roof will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOLS—Brick construction. Cost not stated. Fresno, Fresno Co., Cal. Architects not selected. Owners, City of Fresno. Bonds to the amount of \$100,000 will shortly be voted on to provide new school buildings for the city. The present Hawthorne School will be replaced with a new brick building and a number of other school buildings will be erected if the bonds carry.

DEPARTMENT STORE—4 story and base. Class A construction, \$160,000. Fresno, Fresno Co., Cal. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owners, E. Gottschalk & Co. Plans for this building, which has been mentioned here before, have been out for figures. Bids are now being tabulated in the offices of the architect. About 126 bids for the general construction and on segregated parts of the work were received. Further mention of the awards will be made next week.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—Frame construction. Cost not stated. Sacramento, Cal. Architects, none. The following Day Labor jobs are reported as about to be started in Sacramento: W. E. Darby, 319 Pine street, frame dwelling, \$2,000; L. Summerfield, 1920 L street, frame dwelling, \$2,550; C. T. Chimson, 310 19th street, frame dwelling, \$2,400, and H. Y. Stewart, 121 F street, frame dwelling, \$2,500.

RESIDENCES—Frame construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, none. The following Day Labor jobs are reported as about to be started in Stockton: Tom Dickey, Stockton, 1 story frame, \$2,000; N. W. Gross, 234 East Main street, remodel brick building, \$2,000; E. J. Matteson, 1140 East Market street, 3 story frame flats, \$6,000; E. A. Babcock, Stockton, 1 story frame cottage, \$1,000, and George Wolf Bros., 430 East Main, remodel brick building, \$1,450.

RESIDENCES—1 story and base, frame. Cost not stated. Sacramento, Cal. Architects, none. The following Day Work jobs are reported, in addition to those previously noted, as

about to be started at Sacramento: O. Valine, 1215 D street, 1 story frame cottage, \$1,400, and O. H. Moore, 2003 35th street, 1 story frame cottage, \$1,500.

Building Contracts.

SACRAMENTO COUNTY.

N ¼ LOT 5, O, P, 28TH AND 29TH Sts. Sacramento. Erect dwelling.
Owner.....Mrs. Laura Renwick, 1417 27th, Sacramento.
Architect...None.
Contractor...W. Saunders, 2810 I St., Sacramento.
COST, \$2200

LOTS 6, 7 AND 8 BLK 1, Boxler Tct. Sacramento. Erect three dwellings.
Owner.....E. A. Pierce, 36th and Park Ave., Sacramento.
Architect...None.
Day's work.....COST, \$7500

S ½ OF N ½ LOT 8, W, V, 30TH AND 31st Sts., Sacramento. Erect dwelling
Owner.....Max Smith, 2821 Spagford Ave., Sacramento.
Architect...None.
Day's work.....COST, \$2400

W ½ OF N ½ LOT 4 U, V, 25TH AND 26th Sts., Sacramento. Remodel dwelling.
Owner.....J. A. Mier, 5226 U St., Sacramento.
Architect...None.
Contractor...Sacramento Home Bldrs., 522 Forum Bldg., Sacramento.
COST, \$500

S ½ OF N ½ LOT 5, U, V 3RD & 4TH Sts., Sacramento. Erect building.
Owner.....Sacramento Mirror and Glass Works, 2116 4th, Sacramento.
Architect...None.
Contractor...J. A. Lucas, 1604 V St., Sacramento.
COST, \$600

E ½ LOT 2, O, P, 13TH AND 14TH Sts., Sacramento. Erect building.
Owner.....Mrs. G. Jurgens, 1515 30th, Sacramento.
Architect...None.
Contractor...G. C. Baumgartel, 1410 ½ Q St., Sacramento.
COST, \$1000

S ½ LOT 4 M, N, 27TH AND 28TH Sts., Sacramento. Erect garage.
Owner.....Mrs. L. Zangerle, 722 J St., Sacramento.
Architect...None.
Day's work.....COST, \$1800

E ½ LOT 2, L, M, 22ND AND 23RD Sts., Sacramento. Erect building.
Owner.....L. H. Jacob, 2212 L St., Sacramento.
Architect...None.
Day's work.....COST, \$600

E 30 FT. LOT 1 R, S, 29TH AND 30TH Sts., Sacramento. Erect building.
Owner... ..G. C. Snyder, 2510 31st St., Sacramento.
Architect...None.
Day's work.....COST, \$1000

N 50 FT. OF S ½ LOT 4, K, L, 10TH & 11th Sts., Sacramento. Five-story building.
Owner.....Mrs. B. Howe, 1212 16th, Sacramento.
Architect...None.

Contractor..Campbell & Turner, 1905
K St., Sacramento.
COST, \$55,000

S ½ LOTS 7 AND 8 BLK "M." High-
land Park, Sacramento. Erect dwlg.
Owner.....E. G. Tanner, 2618 C St.,
Sacramento.

Architect...None
Day's work. COST, \$1000
LOT 25 "T" ST. COURT, Sacramento.
Erect dwelling.
Owner.....C. H. Chatterton, 3126 T St.,
Sacramento.

Architect...None.
Day's work. COST, \$2600

Lot 230 W Curtis Oaks Add'n to Sacra-
mento. Erect dwelling.
Owner.....T. A. McDougall, 2712 1st
Ave., Sacramento.

Architect...None
Day's work. COST, \$2000

E 48 FT. LOT 2, M, N, 19TH AND 20TH
Sts., Sacramento. Alterations.
Owner.....James Pieper, 1912 M St.,
Sacramento.

Architect...None.
Day's work. COST, \$500

E 80 FT. OF N ¼ OF LOTS 5 AND 6,
X, Y, 17th and 18th Sts., Sacramento.
Frame dwelling.
Owner.....C. Valine, 1215 D St., Sacra-
mento.

Architect...None.
Day's work. COST, \$1400

LOT 14 BLK 48 Oak Park, Sacramento.
Dwelling.
Owner.....O. H. Moore, 2903 35th, St.,
Sacramento.

Architect...None.
Day's work. COST, \$1500

LOT 7 I, J, 12TH AND 13TH Sts., Sacra-
mento. Alterations.
Owner.....Home Capital Inv. Co.,
News Bldg., Sacramento.

Architect...None.
Contractor...A. V. Morris, 409 21st St.,
Sacramento.
COST, \$4500

Building Contracts.

SAN JOAQUIN COUNTY.

S 25 OF LOTS 1, 3, 5 N 25 OF 2, 4, 6, all
of Lots 13 and 14 Blk 4, East of
Center, Stockton. Wrecking, re-
modeling, brick work, mill work, etc.,
hardware, metal work, painting, tin-
ning, etc., for building.

Owner.....Yosemite Theatre Co.,
Stockton.
Architect...Henry Meyers, Kohl Bldg.,
San Francisco.

Contractor..Thomas Elam & Son, 180
Jessie, San Francisco.
Filed June 7, '13. Dated June 2, '13.
Value of work done each month 75%
Usual 35 days..... 25%
TOTAL COST, \$37,000

Bond, \$18,500. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 120 days.
Forfeit, \$30. Plans and specifications
filed.

COMPOSITION FLOORS ON ABOVE.
Contractor..J. Wisser, San Francisco.
Filed June 7, '13. Dated June 3, '13.
One-half completed\$750
Completed 750
Usual 35 days..... 500
TOTAL COST, \$2000

Bond, \$1000. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 30 days.
Forfeit, \$20. Plans and specifications
filed.

STEEL WORK, WROUGHT AND IRON
work (except ornamental) on above.
Contractor..Richard J. Brode, 31
Hawthorne, San Francisco.
Filed June 7, '13. Dated June 2, '13.
Steel work complete to 3d floor, \$2500
When completed 1900
Usual 35 days..... 1473
TOTAL COST, \$5873

Bond, \$2937. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 40 days.
Forfeit, \$30. Plans and specifications
filed.

ALL ELECTRICAL AND CONDUIT
work on above.
Contractor..Edw. Gnekow, 647 E-Main,
Stockton.

Filed June 7, '13. Dated June 7, '13.
Rough conduits set.....\$1000
Wiring in 500
When completed 730
Usual 35 days..... 745
TOTAL COST, \$2975

Bond \$1500. Sureties, John Raggio and
Edw Harris. Limit, 120 days. Forfeit,
\$20. Plans and specifications filed.

ROOFING AND FLASHING ON ABOVE.
Contractor..Malott, Peterson & Adams,
Monadnock Bldg., S. F.
Filed June 7, '13. Dated June 2, '13.
When completed\$450
Usual 35 days..... 150
TOTAL COST, \$600

Bond, \$300. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 10 days.
Forfeit, \$20. Plans and specifications
filed.

WALL TILES AND FLOOR TILES ON
above.
Contractor..Charles S. Watson Mantel
& Tile Co., 457 Market,
San Francisco.

Filed June 7, '13. Dated June 6, '13.
When one-half completed..... 1450
Completed 1450
Usual 35 days..... 974
TOTAL COST, \$3874

Bond, \$1937. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 75 days.
Forfeit, \$20. Plans and specifications
filed.

TWO PASSENGER ELEVATORS AND
one side walk elevator on above.
Contractor..Otis Elevator Co., Beach &
Stockton, San Francisco.

Filed June 7, '13. Dated June 2, '13.
Machines delivered\$2000
Side walk elevator completed... 500
When accepted 2000
Usual 35 days..... 1500
TOTAL COST, \$6000

Bond, \$3000. Surety, National Surety
Co. of New York. Limit, 75 days. For-
feit, \$30. Plans and specifications filed.

PLUMBING, GAS FITTING AND NEW
roofs, marpuise, etc., on above.
Contractor..Frederick W. Snook, 596
Clay, San Francisco.

Filed June 7, '13. Dated June 3, '13.
All roughing in tested.....\$3000
All work completed..... 2391
30 days after..... 1997
TOTAL COST, \$7988

Bond, \$4000. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 120
working days. Forfeit, \$30. Plans and
specifications filed.

ORNAMENTAL IRON WORK, ELEVA-
tor fronts, marquise, etc., on above.
Contractor..George Sartorius, 15th and
Utah, San Francisco.

Filed June 7, '13. Dated June 2, '13.
One-half work completed.....\$1025
All work completed..... 1025
36 days after..... 700
TOTAL COST, \$2750

Bond, limit, forfeit, none. Plans and
specifications filed.

WOOD, METAL, LATH, ALL PLASTER-
ing, beam ceiling, paneling, damp
proofing on above.
Contractor..George S. MacGruer and
Robt. M. Simpson, 252 Mis-
sour, San Francisco.

Filed June 7, '13. Dated June 2, '13.
One-half completed 2330
Completed 2330
Usual 35 days..... 1555
TOTAL COST, \$6215

Bond, \$3110. Surety, Fidelity & De-
posit Co. of Maryland. Limit, none.
Forfeit, \$30. Plans and specifications
filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
June 21, 1913—E ½ OF N ¼ LOT 1
and 32 ft. Lot 2, M, N, 19th and
20th Sts., Sacramento. W H Duns-
ter to Murrell & Haley, June 20, 1913
tral California Traction Unit No.
10, Sacramento. Jeannie C John-
son to W F Southard.... June 16, 1913
June 24, 1913—FARM NO. 677, Cen-

LOS ANGELES AND SOUTH-CALIFORNIA.

CHURCH—4 story and base, rein-
forced concrete, \$100,000. San Pedro,
Los Angeles Co., Cal. Architect, Thorn-
ton Fitzhugh, Pacific Electric Bldg.,
L. A. Owners, First Methodist Church
of San Pedro. This building is de-
signed for a combination church and
institutional building. The structure
will cover an area of 120x120 feet.
There will be a main auditorium seat-
ing 700 people, Sunday school rooms,
social halls, a completely equipped
educational department and about 70
rooms and baths. Construction will
be practically fireproof. Interior will
be finished in pine and hardwoods.
There will be steam heat and elevator
service. Exterior of the building will
be faced with cement plaster. Plans
are being prepared.

APARTMENT HOUSE—3 story and
base, frame, \$35,000. Long Beach, Los
Angeles Co., Cal. Architect Leonard
L. Jones, I. W. Hellman Bldg., L. A.
Owner, Mr. Myers. The building will
be erected on Atlantic street near
Ocean avenue, and has been designed
in the Mission style. There will be a
total of 112 rooms besides a large
lobby and parlor. Suites will contain
two and three rooms with private
baths and wall beds. Interior finish
will be of pine and hardwoods. Plans
provide for steam heat and a hot water
system. Exterior of the building will
be faced with cement plaster on metal
lath. Some clay tile will be used on
the roofs. Plans are now being pre-
pared.

FIREHOUSE—2 story and base,

brick. Cost not stated. Glendale, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. The building will cover an area of 50x70 feet. The first floor will be arranged for four pieces of apparatus and will have a cement floor. Upper floor will be divided into three rooms with bath and showers, library and chief's office. Interior will be finished in pine and hardwood. There will be steam heat. Exterior of the building will be faced with ruffled brick. Special electric work will be let in another contract. Plans are now being prepared.

HOTEL—1 story and base, brick and stone. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, William Neuer. The building will be erected at the corner of Gladys and 6th streets. There will be stores on the first floor besides a large hotel lobby and office. Upper floors will be divided into about 100 guest rooms and 40 baths. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LODGE HALL—3 story and base, brick and steel, \$65,000. Pasadena, Los Angeles Co., Cal. Architects, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owners, Odd Fellows Hall Association. All bids received at the meeting of the Building Committee on June 27th were rejected as being above the amount available. Plans will be revised and new figures will be called for at once. The structure will be of semi-fireproof construction and will be arranged for lodge room on the first floor, library and social rooms on the second floor and living apartments on the third floor. Interior finish will be of pine and hardwood. There will be a steam heating system and vacuum cleaning system. Exterior of the building will be faced with pressed brick.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. The building will be erected on 6th street near Hope, and will cover an area of 100x120 feet. There will be a number of stores besides the hotel lobby on the first floor. Upper floors will be arranged for 69 guest rooms and a number of baths. Interior will be finished in pine throughout. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will have composition floors and tile wainscot. There will be metal window sash and frames. Considerable structural steel will be used. Exterior will be faced with pressed brick. Patent store fronts are specified. Plans are complete and figures will be called for at once.

STORES AND OFFICES—4 story and base, reinforced concrete. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architect, J. Corbely Poole, Santa Barbara. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, John S. Hawley. The building will cover an area of 100x230 feet. The first floor has been arranged for ten stores and upper floors for a total of 102 offices. Plans provide for steam heat, two elevators, metal window

sash and frames and considerable marble and tile. Construction will be practically fireproof. Exterior of the building will be faced with cement plaster. Plans have been completed and the work will be done by Day Labor. Excavation is now complete.

STORES AND OFFICES—2 story and base, reinforced concrete. Cost not stated. Riverside, Riverside Co., Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. The building will be erected on a corner lot and will cover an area of 40x140 feet. The entire building will be devoted to the use of the owners. Interior finish will be of pine and hardwoods. There will be a central heating system. Marble, tile and ornamental iron and plaster will be used extensively. Exterior of the building will be faced with either imitation stone or Utah stone. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, reinforced concrete, \$35,000. Capistrano, Orange Co., Cal. Architects, Walker & Vawter, Hibernian Bldg., L. A. Owner, Grace Dolph. The building will be of fireproof construction and will contain a music room, library, living rooms, dining room and kitchen department on the first floor and five bed rooms and five baths on the second floor. There will be a central heating system, vacuum cleaning plant and hot water supply. Interior will be finished in pine and hardwoods. Exterior of the dwelling will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

APARTMENT HOUSE—4 story and base. Class C construction, \$46,750. Long Beach, Los Angeles Co., Cal. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, Fred L. Dennie. Contractor, J. H. Pence, Stimson Bldg., L. A. Contract price, \$46,750.

APARTMENT HOUSE—3 story and base, brick and steel, \$40,000. Los Angeles, Cal. Architect, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Anna Baker. Contractors, Pacific States Investment Co., 107 South Broadway, L. A. Contract price, \$40,000.

BANK—2 story and base. Class A construction, \$75,000. Redlands, San Bernardino Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. Contractors, Los Angeles Planing Mill Co., 1812 Industrial St., L. A. Contract price, \$60,000. Note: This contract does not include plumbing, heating, electric work, or vault work. These portions of the work will be awarded later.

TRESTLE BRIDGE—Reinforced concrete, \$100,000. Jastro, Cal. Engineer, Engineering Department Santa Fe R. R. Co. Owners, Santa Fe R. R. Co. Contractor, Charles W. Corbaley, H. W. Hellman Bldg., L. A. Contract price, \$100,000.

LODGE HALL—4 story and base. Class B construction, \$62,593. Los Angeles, Cal. Architect, Alfred C. Martin, Higgins Bldg., L. A. Owners, Knights of Columbus. Contractor, Los Angeles Planing Mill Co., 1812 Industrial St., L. A. Contract price, \$62,593.

HOTEL—4 story and base, brick and steel, \$100,000. Los Angeles, Cal. Architect, J. E. Nicholson, Wright and Callender Bldg., L. A. Owner, Henry

Laub. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$100,000.

STORES AND LOFTS—2 story and base. Class C construction, \$40,000. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, Frank H. Shafer. Contractors, Los Angeles Planing Mill Co., 1812 Industrial St., L. A. general construction only. Contract price, \$40,000.

PORTLAND AND OREGON.

LODGE HALL—2 story and base, brick and steel, \$60,000. Portland, Ore. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owners, Torn Verein Society of Portland. This building has been mentioned here when the architects were first commissioned to prepare the plans. The building will be erected on a corner site and covers a large area. Basement will contain a rathskellar, janitor's apartments, billiard and pool rooms, bowling alleys and a large swimming tank. First floor will be arranged for an auditorium seating 750 people with stage, ladies' and gentlemen's parlors and refreshment room. Second floor will be given over to the gymnasium and rest rooms. Interior finish will be of pine and hardwoods. There will be steam heat and special plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GARAGE AND DANCE HALL—3 story and base, brick and steel, \$60,000. Portland, Ore. Architect, Robert F. Tegen, Swetland Bldg., Portland. Owners, Ringler Dancing Academy. The building will be erected at the corner of 14th and Burnside streets and will cover an area of 60x200 feet. The basement, first and second floors will be used for a commercial garage and machine shop. Third floor will be fitted up for a dancing academy, and will be finished in pine and ornamental plaster. There will be metal window sash and frames. Plans provide for steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—1 story and base, frame and concrete, \$15,000. Myrtle Point, Ore. Architect, Newton C. Gaunt, Chamber of Commerce Bldg., Portland. Owners, Myrtle Point School District, Coos County. The building will contain four class rooms. Interior will be finished in pine with maple floors. A steam heating system will be installed. Exterior of the building will be faced with cement plaster. Plans will be completed within a week and forwarded to S. D. Bulford, Clerk of School District No. 41 Coos County.

STORES AND THEATRE—2 story and base, brick, \$25,000. Portland, Ore. Architect, none. Owner, C. M. Barnes, Portland. The building will be erected on 20th street at the corner of Hawthorne and will cover an area of 95x119 feet. One section of the building will be but one story high and this will contain the theatre. The rest of the building will be two stories high with stores on the first floor and offices above. Interior will be finished in pine throughout. A cement floor will be used in the theatre. Exterior will be faced with cement plaster and pressed brick. Plans are complete and the work will be done by Day

Labor under the direction of A. O. Walters, 42 East 79th street.

LODGE HALL—2 story and base, brick and steel. Cost not stated. Tillamook, Ore. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Masonic Temple Association. This building has been mentioned here before when the architect was first commissioned to prepare plans. The building will cover an area of 78x105 feet. First floor will contain a number of stores, while the second floor will be arranged for a lodge room, offices and a number of living apartments. Interior will be finished in pine and hardwoods. There will be disappearing beds, private baths and steam heat. Exterior will be faced with pressed brick. Plans are complete and figures have been taken. A contract will be awarded shortly.

HOTEL—3 story and base, brick. Cost not stated. Portland, Ore. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, Messrs. Fisher & Thorsen. The building will be erected on a corner lot and will cover an area of 100 feet square. Interior will be arranged for stores on the first floor and about 100 guest rooms on the upper two floors. There will be steam heat and a hot water supply. Interior finish will be of pine with some ornamental plaster used in the lobby. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are complete and figures are now being taken.

COLLEGE BUILDINGS—3 story and 1 story, brick construction, \$55,000 and \$10,000 respectively. Portland, Ore. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owners, Oregon Agriculture College. This work has been mentioned in a recent issue. The three-story structure will be designed for a domestic science building and will contain cafe, kitchen, dining room and laboratories on the first floor and serving department on the upper two floors. The gymnasium, only one wing of which will be erected at this time, will cover an area of 90x150 feet. There will be a swimming tank 50x100 feet, hand ball courts, running track and gallery. Plans for these buildings are complete and figures are being taken.

MUNICIPAL LIGHT AND POWER PLANT—\$25,000. Baker City, Ore. Engineers, Standard & Richardson, Henry Bldg., Portland. Owners, Baker City. The equipment will consist of a 60 K. W. generator, 150 H. P. engine, and a distributing system together with the necessary equipment to complete a general system, such as transformers, etc. Plans will be ready for figures within the next week or ten days.

Contracts Awarded.

SCHOOL—2 story and base, brick. Cost not stated. North Bend, Ore. Architect's name not given. Owners, North Bend School District. Contractor, E. B. Fish, North Bend, general construction, \$16,800. This contract does not include plumbing and heating.

POWER HOUSE—1 story, reinforced concrete construction, \$20,000. Portland, Ore. Architect, none. Owners, Hood Samaritan Hospital. Contractor, J. Bingham, Portland. Contract price, \$20,000.

SEATTLE AND WASHINGTON.

FACTORY—4 story and base, frame, \$150,000. Seattle, Wash. Architect, none. Owner, Restmore Mfg. Co., Seattle. The building will cover an area of 252x80 feet, and is to be erected at the corner of Napier and Boundary avenue. The Restmores are well known mattress manufacturers. The building will be carried on a pile foundation. There will be steel rolling doors, an automatic sprinkler system and elevator service. The building will be covered with shiplap. Fire escapes are specified. Plans will be completed as rapidly as possible and bids will be taken by the owners.

FACTORY—4 story and base, brick construction, \$150,000. Vancouver, B. C. Engineer, Engineering Department American Can Co. Owners, American Can Co. Plans have been completed and work will be started within a short time on a four-story factory building covering an area of 160x124 feet. Specifications include fireproof doors, metal window sash and frames, automatic sprinkler system, fire escapes, elevator service and a boiler plant. Concrete stairways will be used throughout. Exterior of the building will be faced with stock brick. Plans are in the hands of the owners and the work will be done by Day Labor.

FACTORY—5 story and base, reinforced concrete, \$250,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owners, Ford Motor Car Co. Contractor, Hans Pederson, Madison Bldg., Seattle. Contract price, \$250,000. This contract does not include plumbing, heating or electric work. The Evans-Almoral Co., New York, has a contract for the heating, and figures will be taken shortly for the electric work and plumbing.

HOSPITAL—4 story and base, reinforced concrete, \$60,000. Juneau, Alaska. Architect, Julian Everett, Walker Bldg., Seattle. Owners, Sisters' Hospital. This is the first unit of a large project which will be erected in Juneau. This building will cover an area of 40x110 feet and will contain public and private wards, private rooms, nurses' quarters and operating rooms. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service and hot water plant. Considerable tile and marble will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared and when complete work will be done by Day Labor under the personal direction of the architect.

HOSPITAL GROUP—9, 1 story frame buildings, \$22,050. Seattle, Wash. Architect, Ben F. Smith, Building Department, Seattle. Owners, City of Seattle. This group of buildings is to be known as the Louis Rescue Home, and will consist of an administration building, wards building, dormitory, kitchen and dining room. Construction will be of frame throughout. Interior finish will be of pine. There will be a central heating system. Operating rooms will be finished in white enamel. Exterior of the group will be covered with rustic. Preliminary plans only have been prepared, and construction will not be assured until bonds have been voted.

THEATRE—3 story and base, reinforced concrete, \$125,000. Victoria, B. C. Architect, Jesse M. Warren, Victoria. Owner, Alex. Pantages, Seattle. This building has been mentioned here before when plans were first started. The structure will be erected on Government street, and will contain a main auditorium with a seating capacity of 1,000 people. Besides the main auditorium there will be a large balcony. Construction will be fireproof throughout. Plans provide for a modern system of heating and ventilation. Interior will be finished in ornamental plaster, marble and tile. Exterior will be faced with cement plaster. Plans are complete and work on the excavation has been started by Day Labor.

Contracts Awarded.

WAREHOUSE—2 story and base, brick, \$10,000. Wenatchee, Wash. Architects, Behl & Mendel, Seattle. Owners, Wenatchee Fruit Growers Exchange. Contractors, Far West Clay Co., Tacoma, hollow tile work, and Dennison Block Construction Co., Tacoma, general construction. Contract price, \$10,000.

ICE AND COLD STORAGE PLANT—4 story and base, mill construction, \$150,000. Vancouver, B. C. Architects, Gould & Wood, Rogers Bldg., Vancouver. Owners, Mainland Ice and Cold Storage Co. Contractors, Baynes & Horie, Davis Chambers Bldg., Vancouver. Contract price, \$150,000.

RECONSTRUCTING POWER DAM—Reinforced concrete, \$500,000. Seattle, Wash. Engineer, Daniel W. Meade, Seattle. Owners, Olympia Power Co. Contractor, James E. Heyworth, Chicago. Contract price, \$500,000.

HOTEL—2 story and base, frame and cement, \$15,000. Tolt, Wash. Architects, W. P. White and O. F. Nelson, Walker Bldg., Seattle. Owner, R. Croes Contractor, G. F. Wentzell, 1905 16th St., Seattle. Contract price, \$15,000.

SCHOOL—2 story and base, brick, \$21,350. Stanwood, Wash. Architect, none. Owners, Stanwood School District. Contractor, T. N. Morgan, Everett. Contract price, \$21,350.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Seattle, Wash. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, Harvard Building Co. Contractor, Otto Roscleaf, Lowman Bldg., Seattle. Contract price not stated. Note: The building will cover an area of 120x146 feet.

THEATRE—2 story and base, brick and steel, \$150,000. Seattle, Wash. Architect, none. Owners, Metropolitan Building Co. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, \$150,000.

APARTMENT HOUSE—3 story and base, brick and frame, \$25,000. Seattle, Wash. Architect, James H. Schack, Lippy Bldg., Seattle. Owner, C. D. Stimson. Contractor, H. F. Allen, 1421 East Valley street, Seattle. Contract price, \$25,000.

BASE, BRICK, \$20,000. Wenatchee, Wash. Architect, C. Ferris White, Spokane. Owner Paul Wiegand. Contractor, C. E. Young, Halght Bldg., Seattle. Contract price, \$20,000.

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THE CITY OF PORTLAND, OREGON, THE COMMISSION OF PUBLIC DOCKS Public Dock No. 1. Advertisement.

NOTICE IS HEREBY GIVEN that
The Commission of Public Docks of the
City of Portland, Oregon, will receive
sealed proposals until 10:00 o'clock A.
M., July 21, 1913, at its office, 502 Wor-
cester Building, Portland, Oregon, for
the construction of a Public Dock, with
appurtenances, between 15th and 18th
Streets, on the West Side of the Wil-
lamette River.
Plans, specifications, proposal blank,
form of contract and other information
for proposers, will be on file in the
office of The Commission of Public
Docks. A complete set of plans and
specifications may also be obtained by
prospective bidders by depositing with
the Commission a certified check in the
sum of \$50.00, which will be returned
upon receipt of the plans in good con-
dition.

All tenders to be sealed and marked
on the outside "Proposal for construc-
tion of Public Dock No. 1."

No proposal or bid will be considered
unless accompanied by a check payable
to the order of The City of Portland,
certified by a responsible bank in the
City of Portland, Oregon, for an
amount equal to ten per cent of the
proposal, to be forfeited as fixed and
liquidated damages in case the bidder
neglects or refuses to enter into con-
tract and provide a suitable bond for
the faithful performance of said work
in the event the contract is awarded
him.

ATTENTION of all bidders is re-
spectfully called to Chapter 61, Laws
of Oregon, 1913. (Session Laws 1913, p.
90).

The Commission of Public Docks re-
serves the right to reject any and all
proposals.

Dated Portland, Oregon, this 30th
day of June, 1913.

THE COMMISSION OF PUBLIC DOCKS
By G. B. HEARDT, Secretary.

(13--July 1, 9, 16)

STATES APPROPRIATE MONEY FOR FAIR.

Sixteen of the thirty-four states that
have accepted the invitation to partici-
pate in the Panama-Pacific International
Exposition, have appropriated
\$2,515,000. This money will be expended
in constructing pavilions and for
entertainments by the various states
during the Exposition. Following is a
list of the states and the amounts
appropriated:

Idaho	\$100,000
Indiana	90,000
Kansas	40,000
Missouri	100,000
Nevada	100,000
North Dakota	35,000
New Jersey	200,000
New York	700,000
Oregon	175,000
Utah	50,000
Washington	175,000
West Virginia	75,000

Wisconsin	75,000
Hawaii	100,000
Philippines	250,000
Massachusetts	250,000

There is now pending before the
Illinois Legislature a bill for the ap-
propriation of \$300,000 and before the
Pennsylvania Legislature an appropri-
ation of \$450,000.

Vice President R. E. Hale, of the
Panama-Pacific International Expositi-
on, received a telegram from Com-
missioner W. D. Egilbert, making ap-
plication for thirty thousand square
feet of space in the California Building
on behalf of the Sacramento Valley
Commission.

This reservation in the Counties dis-
play section of the California Building
of the Panama-Pacific International
Exposition makes the total reserva-
tion of space up to date, 87,500 square
feet.

This demonstrates conclusively that
the hundred thousand square feet
available will be largely over-sub-
scribed, and the success of the plan
adopted by the Counties Committee at
the Santa Cruz Convention is now
thoroughly assured.

All the prolific wildness and the en-
during, natural beauty of the State of
California will be presented in tabloid
form in the model Californian canyon
which is to be built between Baker
and Lyon Streets, and which will be
one of the many wonderful features of
the Panama-Pacific International Ex-
position. Great progress has been made
since the plans for the canyon were
first announced and the detailed plans
are now known.

The canyon will measure about 800
feet in length and a little less than 400
feet in breadth. It will be constructed
by the staff of expert gardeners under
the supervision of John C. McLaren,
Chief of the Department of Floral
Decoration to the Exposition. The
ground on which the canyon will be
built is now occupied by the old Pacific
nurseries, where, for some months,
hundreds of trees and plants have been
nurtured for use in the general decora-
tive scheme of the Exposition grounds.
In the past few days, these trees have
been removed to the Presidio nurseries
where most of the flowers of the Ex-
position gardens are being tended and
made ready for transplanting as soon
as the palaces are erected.

The prospective canyon area lends
itself naturally to transformation into
a real canyon. The ground rises from
the level of the main group of exhibit
palaces in a mound, of which the alti-
tude is about 50 or 60 feet. The summit
of this mound, or hillock, will be the

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Chalmer Munday

Munday & Williams Attorneys-at-Law

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top of the canyon, from which a roar-
ing torrent will leap over rocks and
huge boulders, winding through gul-
leys and bounding over chasms in a
white, foaming stream to the lagoon that
is to lie in front of the Palace of
Fine Arts.

There seems to be an attempt to drag
the matter of the resignation of John
L. McNab to the low level of political
intrigue. To the average person this
seems to be about the same attempt as
was made in the Ballinger cases, but
all the talk did not change the material
facts and the result was the public
condemnation of the former Secretary
of the Interior.

McNab publicly charges that As-
sistant Attorney General Harr inter-
fered and prevented the deportation of
immoral women after being ordered de-
ported and after an attempt had been
made to bribe the United States Dis-
trict Attorney's office. These and other
facts together with the postponement
of the Diggs-Cammett and the Western
Fuel cases are the questions at
issue. As to whether or not there was
any necessity for these actions on the
part of the Attorney General's office is
the main question in which the People
of California and the country generally
are interested.

It is said by the Democratic party
that McNab seeks to be governor of
California and is trying to make po-
litical capital out of the circumstance.
And the politicians generally are get-
ting in on one side or the other. With
these accusations the public has little
concern. But it is vitally interested in
whether or not the Attorney General is
guilty of such star chamber methods as
are charged, for the the experience of
Taft's administration has been suf-
ficient.

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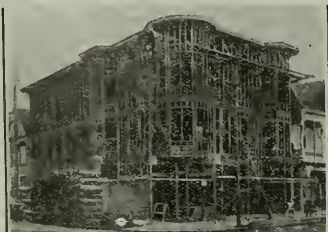
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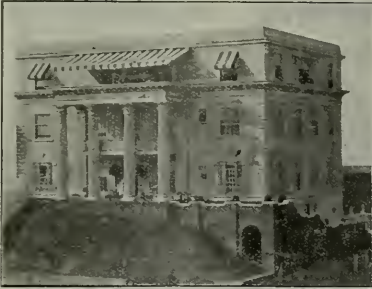
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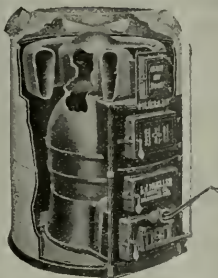
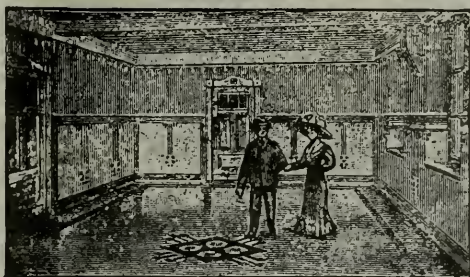
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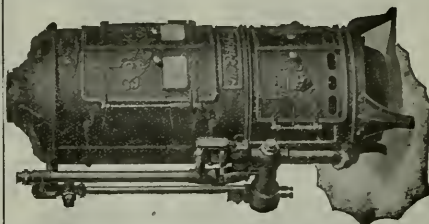
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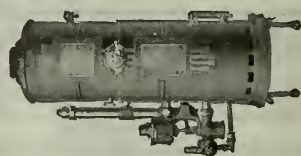
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Barth Cor. Wks.
Capitol Sheet Metal Works
Crown Cornice Works
Guilfovy Cor. Wks.
Comyns & Nygren
Forreder Cornice Works
G. & M. Sheet Metal Works
Hibernia Sheet Metal Works
Hughes, H. J.
Hurabelle Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet Metal Works
Morrison & Co.
Olive, Cox & Leary
Rulofson Metal Window Works.
S. P. Cornice Co.
S. P. Metal Stamp & Corr. Co.

Crude Oil Burners

Brill & Jacobsen
Sherman, Kimball & Co.

Crushed Rock.

Bay Devel. Co.
Cal. Building Material Co.
Cassaretto, John
City Supply Co.
Holland, J. P.
McMullin, A. L.
Simon-Foot Brick Co.

Standard Crushed Rock Co.

Stone Co., E. B. & Western Develop-ment Syndicate

Damp Proofing.

Breckley, P. J.
Fox, John L.
Imperial Water-proofing Co.
Régie & Jamel-
Taylor, L. A.

Door Opener and Closer.

Rischmuller, Geo.
Electric Fixtures.
American Gas & Electric Fixture Co.
Pac. Gas & Electric Co.

City Electric Light Co.

S. F. Electric & Electric Co.

Electric Wiring & Equipment.

American Elec. & Constr. Co.
Brothers, Turner & Co.
Cal. Elec. Constr.

Central Elec. Co.

City Protective Electric Co.
Davis Elec. Co.
Decker Electrical Construction Co.
Parnsworth Elec-trical Works
General Electric Constr. Co.
General Eng. Co.
Globe Electric

Hanbridge, W. S.

Hicks Elect. Co.
Levy Elec. Co.
Mahan Electric Co.
McFell Elec. Co.
National Electric

Newberry - Bend-

heim Elec. Co.
Pac. Fire Extinguishers Co.
Ridley, A. R.
Rochdale Elec. Co.
Schmitschek, M.
Standard Elec. Co.
Turner Co. The
Weldenthal - Gos-
liner Elec. Co.
Vetel Electric Co.

Vertical Builders.

Otis Elevator Co.
S. F. Elevator Co.
Van Emon Elevator Co.

Estimator.

Walker, Z. M.
Church

Floors, Composit-

Artolith Mfg. Co.
Bender H.P. Co.
J. W.
Dwan Co., J. E.
Fibrestone & Roofing Co.
Flaherty & P. Co.
R. H.
Goodmansan, A. K.
Hereens, Fred C.
Malott, Peterson & Adams.
Watsonite Co.

Floors, Hardwood

Calif Parquet F. Co.
Hardwood Int. Co.
Inland Floor Co.
Inland Floor Sand-ing Co.

- Galvanized Iron.
Baker & Hamilton
Berger Mfg. Co.
Gas Fixture.
American Gas &
Elec. Fixture Co.
Glass & Glazing.
Cal. Plate & Window
Glass Co.
Cohen, I.
Kaiser Co., W. P.
Grosslicht & Din-
niene
Habenicht &
Howlett
Mission Plate &
Window Glass
Co.
Pioneer Plate &
Window Glass
Co.
Schwarz & Gott-
lieb
Thomas & Sernel-
der Art Glass
Co.
Grading.
Brannick, J. P.
Buttton, I. V.
Cassaretto, John
Devincenzi & Co.,
L.
Dillon Teaming
Co.
Gallen, Carlin &
McCroy.
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Leffer & Spinks
Luggen, Ernest
McGuffigan, P. J.
McGlinchey &
Monahan
Monarch Team Co.
Montague Co., P.
Nonan Bros.
O'Day Co., Dan'l
O'Donnell, Philip
Olmo & Son, J.
Powers, Chas. J.
Rahlman & Woods
Star Con. Co.
Wright Cr. J. H.
Granite Curbing.
Graham Granite
Co.
Leed Granite Co.,
W.
Pacific Granite Co.
Placer Granite Co.
Gravel.
Bav Devel. Co.
Cal. Building Ma-
terial Co.
Standard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Hardwood Deal-
ers.
Inland Floor Co.
Hardwood Inter-
lor Co.
Wood Lumber Co.,
E. K.
Hd'ware, Bldrs.
Baker & Hamilton
Brittain & Co.
Joost Bros.
Marshall - Newell
Supply Co.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hd'ware Co.
S. F. Hd'ware Co.
Smith Co., P. A.
Hay & Grain
Algelinger, E.
Farrell, M. W.
Heating & Vent-
ilating.
Ahlbach & Mayer
Atlas Heating &
Ventilating Co.
General Eng. &
Klierman & O'Brien
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Son, Wm
S.
Turner Co., The
Houses Movers &
Removers.
Hatch, H. L.
Moore, F. M.
Pearson, A.
Pearson, N. C.
Stratton, C. H.
Sullivan, D. J. & T.
- Inland Floors.
Calif. Parquet
Floor Co.
Hardwood Inter-
lor Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.
Steel.
Baker & Hamilton
Dawson & Noyes
Judson Mfg. Co.
Woods & Huddart
Iron Works.
Art Metal Works.
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Folsom St. Iron
Works.
Glasser & Kloeres
Golden Gate Iron
Works.
Hille Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works.
North Star Iron
Works.
Ralston Iron
Works.
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works.
Security Iron Wks
Stelger & Kerr
Stove & Found-
ry Co.
West Coast Wire
& Iron Works
Western Iron
Works.
Zenith Iron Wks.
Joist Hangers &
Post Caps.
Kortick - Falls
Mfg. Co.
Lilley & Thurston
Co.
Waterhouse &
Price Co.
Western Builders'
Supply Co.
Lathers, Wood &
Metal.
Hayden, Fred
Lynch, Richard
MacBee, E. T.
Raymond, Wm. H.
Ward, J. E.
Lime & Plaster
Deniers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.
Quality Lime pro-
ducts Co.
Western Lime &
Cement Co.
Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hart-Wood Lum-
ber Co.
Hawkins & Son,
Lumber Co.
Kruse Co., J. H.
Hooper Lumber Co.
Loop Lumber Co.
MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson - Mahony
Lumber Co.
Pope & Talbot
Reinhardt Mill &
Lumber Co.
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.
Yates, Wm. F.
- Magnetite Floor-
ing.
Artloth Mfg. Co.
Bender R. & P. Co.
Jwan & Co., J. E.
Barrett R. & P. Co.
Fibre Stone &
Roofing Co.
Flaeherty R. & P. Co.
R. H.
Goodmansson, A. K.
Hergens, Fred C.
Mamot & Peter-
son
Tiernan & Beron-
i
Watsonite Co.
Glanberg, Tiles &
Mantels.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peerless Agencies Co.
Petersky, John
Thomson, J. W.
Watson Mantel &
Tile Co.
Marble and Mosaic
Work.
Florentine Art
Studio
Gervais, Henry
Giacco, M. H.
Grassi & Co., P.
Mission Concrete
& Mosaic Wks.
Musto Sons-Keen-
nan Co.
New Era Marble
& Concrete Co.
Metal Lath.
Atlantic Re-fo-
aming Co.
Berger Mfg. Co.
Lilley & Thurston
Co.
Roefling Constr.
Co.
Waterhouse &
Price
Western Builders'
Supply Co.
Metal Stamping.
S. F. Metal Stamp-
ing & Corr. Co.
Oils and Greases.
Standard Oil Co.
Ornamental Plas-
tering.
Binner, Theodore
Larson, O. F.
Lipp & Co., J. P.
Woods, John P.
Painters and Deco-
rators.
Baker Co., W. T.
Bernstein, Wm.
Blum, Loula
Holland, J. P.
Clark & Dickson
Cooksey, A. L.
Dahl, T. H.
Dobson, W. J.
Ericksen, Wm.
Flynn & Mikkel-
sen.
Hansen, Eibing A.
Jourdain, Al.
Le Baron Paint-
ing Co.
Miller, J. A.
McCubb, James
Manning, John
Neal, L. J.
Quandt & Son
Reinhardt, C. J. F.
Ruderman, I.
Schafer, Wm.
Shepzhnikoff &
Thompson
Smith, J. S.
Sovig, C. B.
Storheim
Throeder
Spark & Sons,
John H.
Swanson, Peter
The Globe Paint-
ers.
Walker, Mayer
Wagner, Fred
Wagner Bros.
Zelinsky, R.
Paints, Oils Varn-
ishes, Etc.
Clark & Dickson
Fisher, W. P.
O'Brien, J. S.
Paraffine Paint Co.
Prait & Lambert
Whitler - Coburn
Co.
Worden - Meeker
Varnish Co.
- Patent Chimneys.
Clawson Co., L. E.
Dresser - McDon-
oughs, H. J.
Dunlevy & Gettle
The Driving.
Yosemite Constr.
Co.
Planing Mills.
Anderson Bros.
Birt Co., L. H.
Builders' Supply
Dpot
Cal. Door Co.
Cal. Planing Mill.
Elkington &
Hucke
Empire Planing
Hermann, A.
Herring's Mill
Holden - Depuyre
Co.
Loren Mill Co.,
J. P.
Main St. Planing
Moore Mill & Lum-
ber Co.
Pac. Coast Mill &
Lumber Co.
Premus Planing
Mill
Reinhart Lumber
& Planing Mill
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Searle & Hayman
Spencer St. Plan-
ing Mill
Taylor & Co.
Usona Mfg. Co.
Western Planing
Mill
Veyhle & Collins
Yates, Wm. F.
Bradley & O'Reilly
Brennan, James
Burt, Chas. J.
Campbell, Chas.
Cashman, H. A.
Chalmers, H. A.
(Inc.)
Glosser, G. W.
Glosser & Kaiser
Cline, T. J.
Greenback, Joe.
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, A.
Gibson, W. G.
Jacobson, N.
Kaiser, Jos.
Leaf & Kaiser
Mowat Donald
Orfanedes
Phibin, J. J.
Terranova, M. J.
The Pacific Plas-
tering Co.
Wagner, James A.
Donovan, J. M.
Plumbing and Gas
Fitting.
Ahlbach & Mayer
Bosch Bros.
Bernard, Gen. F.
Condon & Band
Empire Plumbing
Co.
Flores & Ham-
mond
Goss, Wm. P.
Grundy, Edward
Houghton, J.
Jacobs & Herger
Kara, F. E.
Kelly, Henry M.
Klierman, Joseph
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Leather Plumbing
Co., M.
Looney Co., M.
May, Gus
McGuffigan, J. J.
Perrazzi, H. J.
Skelly, Thomas
Snook & Son, W. S.
Stelger, James E.
Tippett, J. C.
Turner Co., The
Wetzel, Theo.
Fisher & Co.,
Wm. F.
Plumbers Supplies
Nelson Mfg. Co.
Hatch, James
Freight & Pas-
senger.
Kent, James B.
- Railway Materials.
Lanford, Eaton &
Meyers,
Orenstein - Ar-
thur Koppel Co.
Real Estate.
Ludwig, J. C.
Hingling.
Yosemite Constr.
Co.
Lamburth, C. E.
Markley, James E.
Roofing, Gravel &
(Composition).
Andal Roofing Co.,
B. F.
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Cantley & Co., J.
Enterprise Roof-
ing Co.
Fibresone &
Roofing Co.
Flaherty, R. H.
Goodmansson, A. K.
Lawson Roofing
Price
Lovett Bros.
Malott, Peterson
& Adams
Raiford Roofing
Co.
Samuel Co., H. D.
Tibbetts Roofing
Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.
Roofing (Slate &
Tile).
Graham, R. G.
White, Ed. A.
Roofing Materials.
Johns Manville
Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whitler - Coburn
Co.
Sand, Gravel, Etc.
Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. &
A. L.
Western Building
terial Co.
Western Develop-
ment Syndicate.
Sanitary Garbage
Orfanedes
Bill & Jacobsen
Sund Blasting,
McMurdett, W.
Sheet Metal Wks.
Ahlbach, E. B.
Appman Cornice
Works
Atlas Heating &
Ventilating Wks
Barth Cornice
Works
Capitol Sheet
Metal Works
Cornice Nyeen
Crown Cornice
Works
Forderer Cornice
Co.
G. & M. Sheet
Metal Works.
Guilfoyle Cornice
Sheet Works
Metz Works
Hughes, H. J.
Hurabelle Bros.
Judson Mfg. Co.
Korrell Co., J. A.
Modern Sheet Met-
al Works.
Morrison & Co.
O'Brien, Cox &
Leary
Rulofson Metal
Window Wks.
S. F. Cornice Co.
S. F. Metal Stamp-
ing & Corr. Co.
Shewank Lights.
Fisher & Co.,
Dwan & Co., J. E.
McGuffigan & Co.,
John
Hatch, James
Waterhouse &
Price
Western Builders'
Supply Co.
- Stair Builders.
Bishop & Peralto
Boiler, John
Jacobson, J.
Johnson, C. Wm.
Ludwig, E. W.
Porter, W. F.
Stewart, J. K.
Sitionery.
Foster & Short
Woods & Huddart
Baker & Hamilton
Dawson & Noyes
Woods & Huddart
Steel Erector,
Williams Con-
struction Co.
Stenography and
Typewriting.
Nichols Advertis-
ing Co., M. R.
Waterson, Elliott
Co.
Store Fronts.
Jorgensen & Co.,
Kawner Mfg. Co.,
Waterhouse &
Price
Western Builders'
Supply Co.
Structural Steel
Contractors.
Judson Mfg. Co.
Schraeder's Iron
Works.
Western Iron Sup-
ply Co.
Woods & Huddart
Stoves.
Mangrum & Otter
Stelger & Kerr
Structural Steel
Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron
Works
San Francisco
Iron Works
Ralston Iron Wks
Schauer, Fred C.
Zenith Iron Wks.
Surveyors.
Sanborn & Corin-
son
Tanning & Grad-
ing.
Brannick, J. P.
Buttton, I. V.
Devincenzi & Co.,
L.
Dillon Teaming
Co.
Gallen, Carlin &
McCroy
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Leffer & Spinks
Luggen, Ernest
McGuffigan, P. J.
McGlinchey &
Monahan
Monarch Team Co.
Montague Co., P.
Nonan Bros.
O'Day Co., D.
Olmo, M. & O.
Powers, Chas. J.
Star Contracting
Co.
Wright Co., J. H.
Tiling.
Ginsberg Bros.
Ginsberg & Co., S.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peerless Agencies
Co.
Petersky & Co.
J. V.
Thompson
Wagner Bros.
Vacuum
Bill & Jacobsen
Sherman, Kimball
Co.
Wall Beds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works.
Whitewashing
Brickley, P. J.
Reigle & Jamelson
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning

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OF SAN FRANCISCO

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 Vice President, Richard Herring.
 Treasurer, C. W. Wittington
 Secretary, R. J. H. Forbes

Financial Secretary, S. A. D. Schenck
 Ass't. Secretary, W. J. Carberry
 Doorkeeper, E. R. Wolcott

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 Alexander Menzies Maundrell
 C. W. Wittington M. F. Gale
 R. J. H. Forbes J. J. Phillips

R. A. Chisholm
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 Richard Herring

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Bay City Iron

Works.

Brode Iron Works

Central Iron Wks.

Dyer Bros.

Eureka Iron Wks

Kortick - Falls

Mfg. Co.

Gen. Structural

Iron Works

Hillard, C. J. Co.

Judson Mfg. Co.

Mortenson Cons.

Co.

Michaels & Pfeif-

er

Phoenix Iron Wks

Kleider Iron Wks

Kerr

Stove & Foundry

Works.

Julca Iron Wks

Western Iron Wks

Wittington, C. W.

Art Glass.

Cal. Art Glass Co.

Ingerson & Glaser

Blacksmith.

Paul Kiebler

Bonds.

American Bond-

ing Co.

Costello & Cutler

Aetna Life Ins. Co.

Boole, F. W.

Empire State Sur-

ety Co.

Fidelity & Deposit

Co. of Maryland

Guay & Hauer

Hillman & Son, J.R.

Lawton, A. F.

Lock & Spangler

National Surety

Co.

Pacific Coast Sas-

sully Co.

Pacific Surety Co.

Brick and Pottery.

Bay Development

Co.

Carey, J. E.

Carnegie Brick &

Pottery Co.

Carquinez Brick &

Pottery Co.

McNair Brick Co.

E. B.

Peterson - Karts-

chke Brick Co.

Remillard Bk. Co.

Sacramento

Trans. Co.

San Fran. Bk. Co.

San Jose Brick Co.

Stelger T. C. and

Pottery Wks.

Paraffine Paint Co

Quality Lime and

Cement Co.

United Mercal Co

Waterhouse &

Price Co.

Western Bldrs'

Supply Co.

Western Building

Material Co.

Fernald Co., The

Building Paper

Boyd & Moore

Lilley & Thurston

Co.

Cement Dealers

Balfour, Guthrie

Co.

Cowell Lime & Ce-

ment Co.

Holmes Lime Co.

Holland, J. P.

Leonard, J. J.

Maynard, Jr., J. L.

Pacific Portland

Cement Co.

Quality Lime and

Cement Co.

Western Building

Materials Co.

Snyder Portland

Cement Co.

Concrete.

Chase, Silas A.

Camp & Carillon.

Duncanson, Har-

relson Co.

Foster & Vogt.

Gervais, H.

Goodman Artifi-

cial Stone Co.

Haun, C. C. W.

Keatinge & Sons, R

Leonard, J. J.

Leonard, J. P.

Lynch, A.

Pasqualetti, J.

Stanquist & Tay-

lor.

Stanquist &

Forbes

Zimmerman, L. M.

Concrete Relat-

ionment.

Lilley & Thurston

Co.

Contractors &

Builders.

Allen, Alex. M.

Anderson, W. W.

Arthur, L. B.

Bateman, J. C.

Boring, H. C.

Born & Son, S. A.

Brady, C. A.

Braunton Bros.

Burdick, Wm. A.

Caldwell & Co.

Cameron & Dis-

son.

Cavanaugh & Ve-

sina

Chisholm, R. A.

Cobby, J. W.

Cannannon, W. N.

Conard, H. C.

Days' Sons, T. H.

Dewar, R. & Son.

Elam, Thos. & Son

Elliot, E. W.

Fahy, R.

Fischer, Fred.

Franz, Val.

Frost, T. P.

Gillespie, G. G.

Gallagher, Frank.

Gardner, Florent.

Greig, Robt.

Hansbrough Bros.

Healey - Tibbits

Con Co.

Hinson, L. A.

Hill, J. A.

Holm & Son.

Howkins, A.

Hoyt Bros.

Ingerson, C. A.

Jacks, H.

Jones, W. G.

Kent, S. H.

Knowles & Reich-

ley.

Lang & Bergstrom

Latter, E. T. &

Sons.

Lynch, M. C.

Lynch, P. J.

Masow & Morrison

Mathews Con. Co.

Mathies, H. C.

McBain, J.

McKillean, R and

Wm.

McLachlan, Thos.

Miller, Adam.

Moller, R. W.

Morse, H. E. & Son

Oweny, B. T.

Pensly, Isaac.

McLeran & Peter-

son.

Robertson, J. B.

Robinson & Gil-

lespie.

Savage, M. J.

Simmen, John.

Smith, J. W. & Son

Spence, A. T.

Stockholm & Al-

lyn.

Terrill, G. C.

Walker Bros. Co.

Warwick, H. C.

Bulter, Thos.

White Brn. (car-

penters).

Coracle Works.

Amsler, C. S.

Bergner Mfg. Co.

Capitol Sheet Mtl.

Co.

Comyns & Child-

ers.

Conlin, J.

Crown, Wm.

Forder Cornice

Works.

Gulffoy Cornice

Works.

Appmann Cornice

Works.

Heldt, Wesley.

Morrison & Clark.

S. F. Cornice Co.

Western Furnace

& Cornice Wks.

Contracting

Luther.

Lynch, Richard

Schnebley, Hos-

trawser & Ped-

griff

Raymond, W. H.

Curling, Granite.

McLeneagan, S. B.

Rischmuller, Geo.

Electrical.

California Electr-

ical Works.

Central Electric

Co.

City Electric Co.

Decker Electric Co

Globe Elec. Co.

Hanbridge, W. S.

Levy Elec. Co.

National Elec. Co.

Van Curen Eleva-

tor Co.

Door Openers.

Otis Elevator Co.

Van Emon Eleva-

tor Co.

Fibre.

S. F. Fibre & Cord-

age Co.

Fireproof Doors.

Gervais, Henry.

Norris, L. A.

Roebeling Con. Co.

Wire Works.

Floor Sanding

Pacific Floor

Sanding Co.

Grill Work.

Cal. Art Metal &

Sartorius Co.

Wittington, C. W.

Gen. Contractors.

Brigham, H. B.

Caldwell & Co.

Cereghino & Son,

Louis

Dempiak Bros.

Farquharson, D. B

Fee, Grant.

Fluth & Morton

Graham, D. E.

Griffith, W. E.

Hannah & Co. J.S.

Hayes & Schmidt

Jackson, A.

Kuykendall, J. S.

Malley, Edward.

Peacock, John

Van Sant-Hough-

ton Co.

Glass and Glazing

Cal. Plate & Win-

dow Glass Co.

Cohen, L.

Cobbledick Glass

Co., L. N.

Fuller, W. P. &

Co.

Habenicht & How-

lett

Holland, J. P.

Schwarz & Gott-

lieb (Inc.)

Grading & Tenm-

ing.

Church, D. O., Co.

Dillon, D.

Fay, S. J.

McClure, H. N.

Wilhelm, A. H.

Wylie Co., A.

Williams, F. A.

Wright, Chas.

Monarch Teaming

Co.

Sibley, L. B.

McLeneagan, S. H.

Granite.

Bradbury, Thos.

Cal. Granite Co.

De Lano & Sons,

C. L.

Hunt, A. T.

Raymond Granite

Co.

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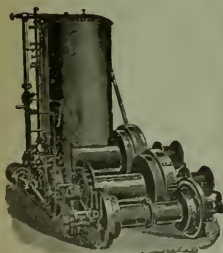
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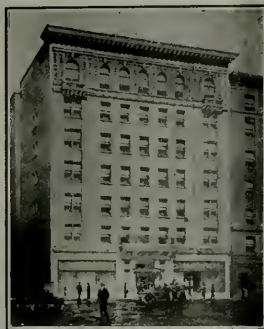
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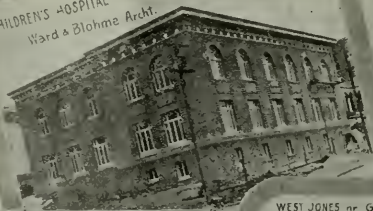
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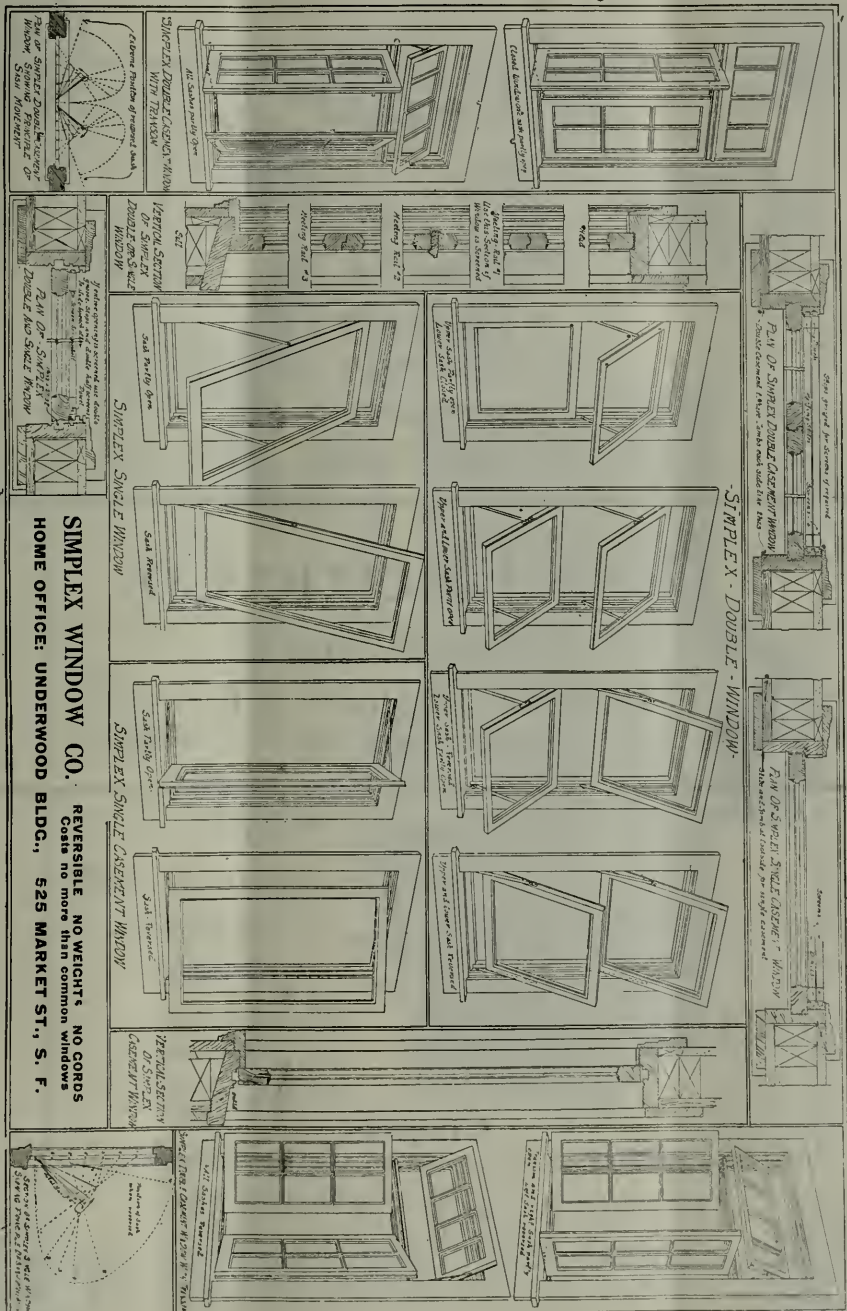
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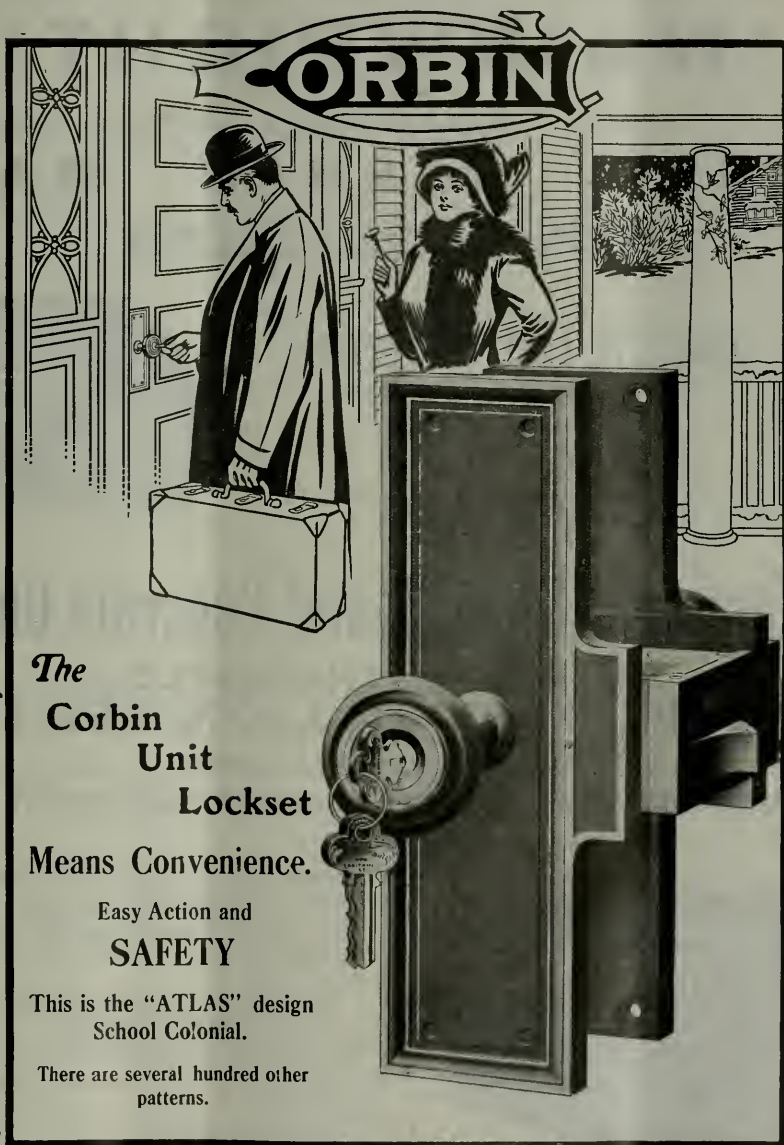
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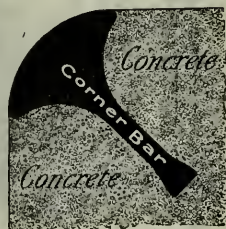
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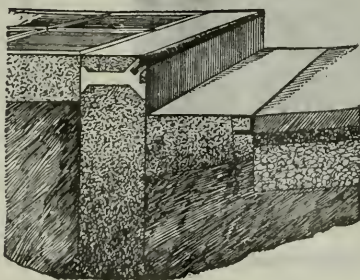
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Editorial Comment.

Reports from Washington state that the appointment of Hayden to succeed McNab is not viewed with approval by the people of the State in Washington, in that he is a personal and political friend of Senator Caminetti. The general impression is that a political appointment has been made just to give a man a job when the public demands that a vigorous prosecutor skilled in particular lines of the law be appointed to fill a position made vacant by the resignation of an able and fearless district Attorney.

Sneers have been uttered that McNab's resignation was for political effect. That is the only answer that can be made to his charges. It is said that McNab seeks to be Governor. He has publicly stated that he does not. If he did it would be a laudable ambition and would not in any way change the merits of the case so far as the public is concerned. For that matter most of the people who support McNab in this situation are desirous of seeing Hiram W. Johnson succeed himself as Governor of the State.

The only reason that McNab is spoken of in the capacity of Governor is that he has displayed the same qualities as are possessed by Governor Johnson. He is fearless and able and is a finished public speaker and can go out and talk to the people in spite of all that the subsidized press may say against him.

The Watsonville Register says that California will one day be the playground of the nation.

California is that now to all who have visited the State and have any appreciation of scenery and the beauties of nature. While her sandy beaches stretch in unbroken line along the western sea and her mountains reach into the regions of the snow, there is no place that can be found that has the infinite variety of charm that is possessed by the State. The trout streams beckon in the everlasting hills. The century old forests invite with their cooling shades. The waves of the Western Sea caress the sands of a thousand beaches and tempt the wanderer to embark on the boundless blue. There is no climate in the world like California at any season of the year for with its infinite variety any temperature can be found and in vacation there is always a certain of clear skies and an abundance of fruit and flowers that makes living a delight.

Among the progressive measures enacted at the last session of the legislature one of the most important

is what is known as the Water Commission Act.

This Act provides for a Commission, to consist of five members, as follows: The Governor of the State and the State Engineer, ex-officio, and three appointive, who, in the language of the Act, shall be men of practical knowledge or experience in the application and use of water for irrigation, mining and municipal purposes, and shall be so appointed that at least one thereof shall have had practical knowledge and experience in the use of water for agricultural purpose, and one thereof shall have had practical knowledge and experience in the use of water for mining purposes, and one thereof shall have had practical knowledge and experience in the use of water for municipal purposes.

The purpose of the law is to provide a State agency for the control and distribution of the waters of the State on practically the same lines as the State Railroad Commission controls public utility corporations.

This Act was one of what the Chronicle called the Administration's Ten Commandments and was most bitterly opposed.

Among the first duties of this commission will be to take the stock of the waters of the State, the uses to which they are put and the services they should perform. The object of this commission is to conserve the waters of the State to the real bearers of the burden of irrigation charges, the farmer. California is just entering upon the great era of irrigation. It is natural that the Administration should be opposed by those who wish to exploit its great resources. The Water Commission Act will give to the prospective farmer the protection to which he is entitled. The State is starting in upon a great era of development. One of the greatest elements of that development will be the use of its natural waters in irrigation. The State Commission will conserve these resources and insure the farmer a reasonable rate.

Investigating Railroad Accidents.

A careful study of all accidents, no matter what their nature, has been made by the Pennsylvania Railroad, during the past year, and it has been found that probably 75 per cent of them could have been prevented if the employees had exercised special caution. This has led to the publication of a booklet entitled "Safety Hints and Suggestions for the Prevention of Personal Injury Accidents," by which it is hoped to educate the employees to a disposition to be careful, and to develop in each individual a sense of personal responsibility, not only for his own safety, but for that of his fellow employee as well.

Architecture And Its Interpretation To Men.

By W. R. B. Willcox, F. A. I. A.

Address delivered during the annual banquet at the third annual convention of the Architectural League of the Pacific Coast, Portland, Ore., June 9-11, 1913.

The talk one evening had turned upon the character and elements of appeal in works of art and nature; in architecture, music, the drama, sculpture and the landscape and how they are interpreted to men.

The day following I strolled out towards the hills. It was a warm and fragrant day in early summer. The foliage of trees and shrubbery was rich and colorful. The lawns, woven thick with the year's new life, rolled away between banks of verdure. Afar in one direction lay a gently rolling country through which a winding river coiled a silver thread, and miles away, glistening like a floor of burnished metal, lay the clear waters of a mountain lake, from which low foothills climbed to rock-topped peaks beyond.

The glowing sun drew from the earth a pungent springtime moisture and distant outlines were softened by a haze, while clouds of fleecy whiteness came and went in the wonderful depths of the sky. How pale the blue of distant mountains! How bright the sun-flashed meadows! How cool and still, and deep the green; where shadows stretched beneath the nearby groves!

Oh, what a day! And what a vision! Though vaguely conscious that the city yonder seemed a scar upon the landscape, that its factory stacks poured forth great clouds of black-brown smoke and the barren reaches of its mills of somber brick obtruded, yet, even so, I caught the glint from flashing windows and marked the coils of smoke revolve upon the breeze.

It was a gala day, a day of festival, and people, pleasure bound, strolled round about; some sought out flower bordered paths; while others chose half hidden lanes beneath the trees. But a steady throng, in groups and singly, passed up the hill over a broad, grass-carpeted thoroughfare. Many stopped, from time to time, to gaze in silence on the scene, or to voice a deep contentment in its harmony.

Moving with this happy company, in shade of high over-arching trees, I climbed the gentle slope and presently approached a park. The entrance, through a shrubbery wall, was flanked by granite pedestals on which two bronze equestrian groups were raised. Alike in character, a youthful rider sat bareback on a charging horse, whose prancing, plunging mate he strove to hold in check. What power! What action! How true the poise! How fearlessly the young man hung upon the bridle of his wilder charge! How confident of mastery! And passing people paused to contemplate. What was it seized their interest? Was it molten bronze or molded granite die; or the tale they told with strength of line and grace of form, the power of those frantic horses, the calm determined courage of the boy?

Inside the park the way led towards

a forest's shade and there within the grateful shade, framed in by rising ground, were circling tiers of marble seats and down between their curving ends an open stage. The seats were filled and on the stage a play progressed. There was a battlefield and struggling armies, and in their midst two champions met and fought. The audience was hushed an tense; it followed the rush of passions. Lifted to a share in the combatants' emotions it felt the spirit of the play; forgot the tinsel armor in the rhythm of the vanquished's dying words:

"Oh, Harry, thou has robbed me of youth!

I better brook the loss of brittle life Than those proud titles thou hast won of me;

They wound my thoughts worse than thy sword my flesh;

But thought's the slave of life, and life time's fool;

And time, that takes survey of all the world,

Must have a stop. O, I could prophecy But that the earth and cold hand of death

Lies on my tongue!"

Soon the play was over and with those who, like myself, had loitered for a time, I joined the number who were seeking recreation farther on, reflecting the while how, whenever the great thing is done, or the little thing with seriousness, it is not the means employed, the phraseology, that stirs the deep emotions, but the meaning conveyed.

As I turned these fancies in my mind my attention was diverted by the faint notes of distant music. Quickening my pace in their direction I soon came within view of a pavilion far across a spacious common, whence came the sounds. As I drew near the humming noises of an intermission ceased, the deep wood instruments gave out old familiar theme of the overture to Tannhauser and over the silent audience swept the well-known strains. With what tinkling satisfaction did one hear the oft-recurring voices of first one, and then another instrument, as their mingling tones wove the wondrous fabric. And when, at last, like rich embroidery of gold against a bright, clear field of blue, the blaring horns set forth the mighty pattern on the trembling background of the violins, the very soul of music seemed revealed.

The day was now quite well advanced and with a wish for one broad outlook over the country, ere the shadows grew too long, I turned my steps toward a not far distant headland. From the plain great flights of steps, between successive terraces, led upwards to the summit. At every higher level a wider prospect spread, while restful seats beneath the trees invited one to tarry. The upper terrace was elaborated with an imposing central stairway with statuary at its foot and head. It clearly marked approach to a formal landscape scheme

above and gently led the mind from contemplation of the distant view to speculate upon the hidden scenes beyond.

So with eager anticipation I gained the topmost steps, but as the picture burst upon me I stopped in wonderment. Imagination had failed to conjure up a scene of such magnificence. A spacious avenue led straight away for many hundred yards; great trees in formal rows closed in the sides and cast their dark reflections on the placid surface of a shallow pool, which, bordered with cool, white marble walks, stretched from end to end. On either side, outside the walks, lay turf, like long green bands of velvet, and on its outer edges, just within the rows of trees, as if jewelled hem, were narrow beds of many colored flowers.

Yet this was but a setting, a concentrating framework. Far down the narrowing perspective the eye beheld what seemed an apparition. There, terminating the marvelous vista, arose in dazzling splendor a snow white marble structure and in the waters of the pool its stately form was mirrored. Its polished surface shimmered in the sunlight, its glistening, curving dome against a clear blue sky seemed floating in mid-air and like gray mists transparent shadows hung beneath its cornices. Its like I'd never seen.

Forward I walked along the path before the pool, fascinated by the sight. So perfectly did its lines and masses balance, so delicately proportioned to each other were its several parts, so beautifully the sunlight played upon its varied surfaces, it seemed instinct with life. It seemed to lift itself and soar above the broad, white marble table on which it stood and yet it left no sense of insecurity. With all its seeming conscious power it stood there calm and self-contained.

As I drew near I saw that many of its parts were unfamiliar shapes; strange carvings and mosaics embellished them; their colors, outlines, sizes and positions resolved into an appealing harmony. The pleasurable emotions which the sight occasioned were interrupted by a near-by conversation which stirred my interest: "A strange structure," the speaker was saying, "it does not seem to conform to any of the accepted models of architecture. Why do some artists, some architects, presume to attempt originality when it is futile to try to surpass the perfection of the ancient Grecian architecture—why depart from the old types?" "Because no artist is truly an artist who does not depart from the rigidity of accepted types, who does not stir us from inert acquiescence in habit and custom, who does not incite us to revolt from the tyranny of the standards of the past."

"Why, pray, concern oneself with an archeological diagnosis of architectural symptoms? Do you think to discover its spirit by such a process? Is the soul of man to be revealed by a review of the conventionalities of his manner and speech. Must these very flowers here be subjected to a botanical analysis before their charm of deli-

cacy, fragrance and color may regale our senses? Think you, forsooth, the spirit of the overture we have heard is impossible of interpretation because to the orchestration of Beethoven is added the timber of instruments unknown to him? Did not Beethoven, himself, break the rules and was he not a dreadful radical in his day while today he is a classic?

"Were the sculptures of the boy and the horses, surcharged as they are with the strenuousness of our own day, dumb to you because they do not counter-part the figures of a Praxiteles or a Donatello? Is the spirit of the drama, its message to our day, found in the historical accuracy of the garments worn, the mimicry of weapons of the olden days? Is it an intimate knowledge of the flora, or the geologic formation of this country about us that makes all these people respond to the beauty and the glory of the landscape? Is it any more likely that the spirit of manufacture, its power and purity, is to be felt only as we come to know its obvious, historical associations; that the latter are, as we say, consistent, true to some particular period, true to some particular racial manner?

"Would you have the spirit of architecture communicate only with those who may have critical knowledge of its outward manifestations; with the educated and cultured? Must it be silent for the uninformed majority? And you fail to catch the spirit of this building although it speaks in flowing rhythms and measured cadences because, familiar as you may be with the full catalogue of architectural precedents, your knowledge does not embrace the forms and features which supply its media of expression! Could you know that it was, in fact, the consistent flower of some distant architectural culture of a strange, yet virile race, would you open your heart to its emotional appeal? Must sympathy and understanding wait, always, upon knowledge? If so, how shall the spirit of architecture speak to all people, to the untutored public; and if it shall not speak to them why should the untutored public be expected to give heed to it? Why should it interest them and why should we waste our efforts in trying to educate the ordinary citizen, who has neither time nor inclination to inform himself upon the evolution of architectural styles, if an understanding and appreciation depends upon a broad knowledge of precedents?

"Why, we have tried to build an architecture largely out of forms; we have looked abroad and beholding some lovely manner of building have seized upon the forms there used and thought to build a new and vital architecture out of them, whatever in the foreign land has been the motive for their use. We've tackled every foreign style in turn and sometimes to an ancient style returned a second time. But only now and then our buildings seemed to have the breath of life within them. For the most part we have set these oft-used shapes up side by side and hoped that by some chance the spark of life would enter them and make them live.

"Why do we always hope? Because, from time to time, some man appears who is more intent upon the freshness and verity of an idea he would express than he is concerned with a conscientious and painstaking reproduction of a vehicle used long since for the conveyance of an idea of a differ-

ent sort. He imbues his structures with the spirit, not the forms necessarily, of the ancients; he sees that life is in the union rather than in the category of shapes employed; has felt down in his heart the rhythm of such union and has liberated its spirit to live on and on forever.

"Others, mistaking substance for soul, have foolishly concluded that the abode of the spirit of architecture has been discovered, that it dwelt in the forms he used and that by their use alone it could be invoked at will. An attempt so to do, however, revealed what an elusive, wraithlike wanderer that spirit is.

"The years pass by and then another man beholds the light of that spirit and lets it shine for us and while he lives to do so, we think we add to its lustre, when the truth is we supply only reflections—sometimes quite perfect, but still only reflections. Consider the case of a man like Richardson; despite what we are assured was a barbarous medium of expression, many of his buildings live and sing. Surely it was not the forms that produced the effect, for soon a hundred others grouped them in a thousand buildings and yet, in them, there was no life, no song.

"Again, a man imbues with life the forms of ancient Grecian architecture and soon the classic style becomes the vogue. A bank, a school, a church or library, a club, a depot, or a house, or any other structure, need only have its front a row of columns, a pediment or attic stage, and there, behold, is architecture. Alas! Such forms are all too often lifeless, masks, or shrouds, appropriate perhaps for things so dead; they lack that vital thing, the living spirit of architecture, which awakens only at the call of truth, of frankness, of courage, of individuality. If we would find that spirit we must rid ourselves of shame, of indirectness, of timidity, of servility and with unwavering faith, undismayed by many failures, press on toward the future, for at any given time the spirit of architecture, of any art, dwells just beyond the present and concerns itself with the hopes, the aspirations of a people. It is the prophet of an ever-changing, ever-expanding appreciation of what is true, and noble and beautiful."

As the speaker paused, I awakened from my reverie. The setting sun was casting purple shadows round about and making deep the blue of distant mountain sides. The lake was pink with sunset clouds and evening stars began to dot the sky. It was drinking in the beauty of that scene that charged my thoughts and colored them. If we, as architects, would more and more cultivate that simple attitude of appreciation and receptivity for the larger qualities of architecture with which we approach the drama, sculpture, music, yes, even the landscape, we would be able the better to seize and imprison in our buildings the spirit of architecture to interpret to all who follow us the ideals of our people and our day.

THE TRUE SANDALWOOD OF INDIA.

From the Scientific American.

In the most ancient times the demand for the well-known sandalwood was very great as an incense for the idols. Its use dates back for more than 2,000 years, and all the records bespeak

its rarity and costliness; in fact it always was prized more highly than any other wood. But with the advance of civilization new uses and applications opened up by scientific research at once increased its consumption many fold. This is chiefly for carving and for manufacture of perfumery and medicine. It is obvious that wood with such a wide range of uses is in danger of being exhausted. As in the old days, so now, it is rare and on account of its scarcity very costly. And, unfortunately, sandalwood is rapidly becoming scarcer and more expensive, and the question is asked, How is the production and supply to be maintained proportionate to the demand? The importance of the question is shown by the efforts that are being made in India to cultivate this tree. It is consumed to some extent in India for incense and for wood carving, but a large part of the production is imported into China, where it is highly esteemed as an incense, the Chinese readily paying from two to four times more for the Indian sandalwood than for the less valuable substitutes from the South Sea Islands. The Indian species fully deserves to be designated the sandal tree proper, and the bulk of the sandal oil of commerce is produced from it.

The sandal tree (*Santalum album*) is an evergreen, a member of the sandal tree family. The best known related plant in the United States is the bastard toad-flax (*Comandra Umbellata*). The term "sandal" or "sander's" wood as was the old English name of it, is probably derived from an East Indian name chandana or sandana, which is used very generally to indicate various kinds of so-called sandalwoods, and it is quite probable that the name is applied also to other aromatic woods.

The sandal tree is one of the small objects in the forests of India. Even in locations of its best development it attains dimensions that rarely exceeds 40 feet in height and varies from 8 to 12 inches in diameter, or sometimes as much as 15 inches. It is said to have been known to reach 22 inches in diameter at the base, but this can be the case with very old trees growing in very favored locations. As a rule they are only from 20 to 30 feet in height and from 6 to 8 inches in diameter when they are cut down.

The tree is a native of the mountainous districts of Southern India and is confined mainly to the dry regions. Its finest growth and development is reached in Mysore and Coorg, where the most oily and heavily scented wood is found between 2,000 and 3,000 feet elevation. While it is restricted to comparatively narrow limits the sandal tree has become naturalized in several countries, notably in certain districts in South Africa, where attempts have been made to plant it on a commercial scale.

It will endure a wide range of climatic and soil conditions, especially in protected places, but it will not respond to treatment like the majority of trees desirable for planting for revenue. The tree thrives best in a red or black loam or in fine gravelly soil with free drainage, especially where the soil is rocky. For the production of a large proportion of heartwood which yields the oil, the sandalwood tree must be grown under the most favorable conditions. The trees are seldom found in heavy timber forests,

but occur chiefly in light deciduous forests. Flat ground and gentle slopes are preferred and the greatest bulk and height are attained with a moderate heavy rainfall. Rich soil is required for rapid growth, but this does not necessarily add to the oil content of the wood. For most of the uses other than the commercial distillation of the oil, the tree may well be cultivated wherever it can be made to live.

The importance of its cultivation may be urged, inasmuch as every part is of use, from the roots to the young branches that have any heartwood developed. The chief commercial uses of sandalwood is for the extraction of sandal oil. The older, larger roots yield the greatest proportion of sandal oil. In India and Ceylon it is customary to dig up the trees by their roots and distill the oil from the stump and root wood as well. The best oil comes almost exclusively from the root wood. The proportion of the valuable scented heartwood is only about one-half of the log, while the sap wood has little or no value. Even the fragrant sawdust or powder is used for distilling the sandal oil and sells at the wood depots for from \$130 to \$165 per ton. Not all the sandalwood is employed for oil, but with its yellowish-brown color and susceptibility to a satin-like polish the wood is particularly adapted for making all sorts of ornamental wood, wood carving, engraving, and for cabinets, chests, and drawers proof against insects. The chief reputation for sandalwood in Europe rests upon its use for carving. It is also employed for making jewel and work boxes, cabinets, writing desks, walking sticks, picture frames, fan handles, pen holders, card cases, trays, and when powdered is used to scent clothes. Large quantities of the wood are shipped to China for making coffins for the rich.

The exploitation of a number of other closely related or even entirely unallied species in the South Sea Islands, and in parts of Africa was undertaken, but it has now practically ceased. It is said that several species of *Osyris* in East Africa will gradually supply the demand, but the wood is not only inferior to the true sandalwood, but the production in any considerable quantities is doubtful. The export of the substitute sandalwoods from Australia is generally decreasing, while the supply from the Hawaiian Islands is entirely exhausted. That the production has ceased at the established sources of supply is not to be wondered at. Sandalwood cutting has been carried on in the most recklessly extravagant manner possible. In Hawaii and Australia the substitute sandalwood trees have all been cut out, and in many parts of Australia the stumps of the trees felled fifteen or twenty years ago, are now being dug up and shipped to the large markets in China.

In India attempts have been made for a number of years to keep up the supply by artificially restocking the forest, but the rate of planting has thus far been totally inadequate. Laws have been enacted to prevent the wanton destruction of the trees. Other causes besides extravagant cutting contributed to the decrease of sandalwood in India. Frequent fires and unrestricted grazing destroyed enormous quantities of young trees, and after careful investigation it was determined that a government monopoly in Mysore

in Southern India was the only means of saving the most costly of all the India woods. This caused the quotations at home and abroad to rise. A good deal of the wood now brought to the market is cut in hedgerows and scrub-jungles outside the areas marked as reserved forests. Since the monopoly is in force the sandalwood trade is more or less uniform from year to year, and the systematic exploitation of mature trees in the forest reserves will tend to keep the regular supply of the wood in the world's market.

NEW STATE LAWS.

There are many new State laws that will go into effect on August 10 unless specially provided for, several of which are of interest to the general building trades:

CAPTER 48.

An act to regulate certain scaffolding or staging for the protection of workmen; requiring that in addition to the duties imposed by law upon employers using or directing or permitting the use of scaffolding or staging swung or suspended from an overhead support such employers shall be subject to the provisions of this act; fixing penalties for a violation hereof to be the same as provided in section 402c of the Penal Code; and providing for the enforcement of this act by the commissioner of the bureau of labor statistics.

(Approved April 23, 1913.)

Section 1. All scaffolding or staging, swung or suspended from an overhead support which is more than twenty feet from the ground or floor, shall have a safety rail of wood or other equally rigid material of sufficient strength to bear any sudden strain there against equal to four times the weight of an ordinary man, such rail to be properly secured and braced in a manner to withstand a sudden strain as heretofore prescribed; such rail to rise at least thirty-four inches above the floor or floors or main portions of such scaffolding or staging, and extending along the entire length of the outside and the ends thereof, and properly attached thereto to withstand any strain as heretofore provided; and such scaffolding or staging shall be fastened so as to prevent the same from swaying from the building or structure, or place of work where such scaffolding or staging is being used. Any and all parts of such scaffolding or staging shall be of sufficient strength to support, bear, or withstand, with safety, any weight of persons, tools, appliances, or materials that may be placed thereupon or that are to be supported thereby while such scaffolding or staging is being used for any of the purposes thereof.

Sec. 2. In addition to the duties imposed upon an employer by any law regulating or relating to scaffolding or staging, it shall be the duty of such employer who uses or permits the use of scaffolding or staging, as defined in section one of this act, in connection with construction, alteration, repairing, painting, cleaning or the doing of any other kind of work upon any building structure, or other thing or place of work, to furnish safety lines to tie all hooks and hangers back on the roof of such building, structure, or other thing or place of work, and to provide safety lines hanging from the roof, securely tied thereto, and one

such line to be provided between each pair of hangers or falls and near the ends of all such scaffolding or staging. When planks are used for the platforms or floors of such scaffolding or staging, they shall be not less than fourteen inches in width, and not less than one and one-half inches in thickness, and shall be of wood free from knots or fractures impairing the strength of such planks. Not more than two men shall be allowed or placed to work between two hangers or falls upon such scaffolding or staging.

Sec. 3. Any violation of the provisions of this act shall be punishable as provided in section four hundred and two (c) of the Penal Code, and shall be in addition to the penalties provided therein for the violation of any of the provisions of the said section.

Sec. 4. It shall be the duty of the commissioner of the bureau of labor statistics to enforce the provisions of this act.

Building for June in San Francisco went along at a comparatively prosperous rate of speed, all things considered. Private construction alone amounted to \$1,798,604 divided as follows: Brick and fireproof buildings, \$993,856; frame construction, \$575,508; alterations and additions, \$229,240. To this may properly be added Exposition work to the amount of \$335,633 which brings the total of private work up to \$2,134,237.

During the month there was also let Government work to the extent of \$73,892 and the City and County of San Francisco entered into contracts to the extent of \$605,413 for building construction and \$16,764 for street improvements, so that there was a grand total of work contracted for during the month of \$2,830,306.

Business generally throughout the country is dull. The above statistics show that San Francisco is more than holding its own. Building construction always shows the expenditure of real money. It is not a balance of credits, but it represents permanent improvement going into the land and however close the margin of profit to the contractor or material man, the mere fact that so much money is being expended shows that at least half of it is going for labor and will be expended within the city limits.

As a matter of comparison taking private construction for the month of June it shows up with the same month in preceding years in the following manner:

June, 1904	\$1,516,533
June, 1905	2,376,928
June, 1906	687,391
June, 1907	3,397,589
June, 1908	3,475,506
June, 1909	1,398,446
June, 1910	1,458,464
June, 1911	2,625,740
June, 1912	2,058,224
June, 1913	2,134,237

Last month showed a total of \$2,816,335 covering the same items of construction which this month amounted to \$2,830,306, so that all in all the grand total for June is greater than for May 1913.

Owing to the general stagnation of business throughout the country resulting from "God knows what kind of a combination of circumstances," building operations do well to show the activity that has been evidenced by the record of last month.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$7,000. Architect, none. Owner, S. J. Sterner, 3328 19th Ave., S. F. The building will be erected on the west side of 7th avenue south of California street and will cover an area of 27x80 feet. Plans provide for six large apartments all of which will be equipped with private bath rooms and wall beds. There will be a central heating system and open fire places. Mantels will be of brick. Composition floors and cement plaster wainscot will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, A. J. Bain, Phelan Bldg., S. F. Owner, Charles C. Terrill Estate. This building has been mentioned here when plans were first started. The building will be erected on Haight street east of Pierce and will cover a ground area of 36x84 feet. There will be twelve modern apartments of two, three and four rooms. All suites will have private bath rooms and will be equipped with wall beds. Interior finish will be of pine with some elm panels. Bath rooms will be finished in cement plaster. There will be steam heat and a hot water system. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the personal direction of the architect.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, W. H. Kelley. The building will be erected on the south side of Pine street west of Jones, and has been designed to contain 14 apartments of two, three and four rooms. Interior will be finished in pine and hardwoods. Plans provide for a central heating system, probably steam, elevator service, and a hot water supply. All suites will have private bath rooms and will be equipped with wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath and rustic and brick veneer. Marble and tile will be used in the entrance vestibule. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$16,000. Architect, Clay N. Burrell, Albany Block, Oakland. Owner, Miss L. G. Sünonsen. The building will be erected on 2nd avenue near 16th street. Interior has been arranged for two and three room suites with private bath rooms. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for steam heat. Bath rooms will be finished in cement plaster. All suites will have open fire places and

tile or brick mantels. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, C. J. Craycroft. The building will be erected on Blackstone street and has been designed to contain four suites of four rooms and bath each. Interior finish will be of pine with some hardwoods. All suites will have wall beds. Bath rooms will be finished in cement plaster and tile. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, Mrs. A. G. Tompkins. The building will cover an area of 56x116 feet, and has been designed to contain 56 rooms which will be arranged in two and three room suites. All apartments will have private baths and wall beds. Interior finish will be of pine. There will be a central heating system and vacuum cleaning plant. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner, Mrs. Margaret Collier. The building will be erected on a corner site and will cover an area of 58x118 feet. Interior will contain 69 rooms arranged in two and three room suites with private baths. Interior finish will be of pine. Some hardwood floors will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with brick veneer and cement plaster. Plans are complete and figures are now being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick, \$40,000. Architect, E. C. Thorne, Realty Board Bldg., L. A. Owner, I. I. Dehall. Contractors, Miller-Stahl Construction Co., Hibernian Bldg., L. A. Contract price, \$40,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$40,000. Architect, B. Cooper Corbett, Union Square Bldg., L. A. Owner, Charles H. Louis. Contractor, E. H. MacGibbon, Los Angeles Investment Bldg., L. A. Contract price, \$40,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$21,000. Architect, C. Gault, L. A. Owner, Mrs. A. Burgwald. Contractor R. T. Laughlin, Lissner Bldg., L. A. Contract price, \$21,000.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick, \$54,750.

Architect's name not given. Owners, Hackel & Gutterman, Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$54,750. Work will not be started until July 22nd.

BANKS.

FILLMORE, VENTURA CO., CAL.—Bank, 1 story and base, reinforced concrete. Cost not stated. Architects, Withey & Davis, Story Bldg., L. A. Owners, Farmers' and Merchants' Bank of Fillmore. The building will cover an area of 25x60 feet and has been designed in the classic style. Interior finish will be of hardwoods, tile and marble. There will be safe deposit vaults and coin vaults. Considerable steel will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

TEMECULA, RIVERSIDE CO., CAL.—Bank, 2 story and base, reinforced concrete. Cost not stated. Architects, Koerner & Paul, Broadway Central Bldg., L. A. Owners, Citizens' Bank of Temecula, Contractors, Earl Remington Co., Broadway Central Bldg., L. A. Contract price not stated. Note: This contract includes bank fixtures.

LOS ANGELES, CAL.—Bank vaults, etc., \$98,000. Architects, William Curlett & Son, Phelan Bldg., S. F., and Title Insurance Bldg., L. A. Owners, Merchants' National Bank. Contractors, Mosler Safe Co. Contract price, \$98,000.

REDLANDS, SAN BERNARDINO CO., CAL.—Bank, 2 story and base. Class A construction, \$50,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. Contractors, Los Angeles Planing Mill Co., 1812 Industrial St., L. A., general construction only. Contract price, \$46,650. This contract does not include plumbing, electric work, heating or vault work.

BRIDGES, DAMS AND HARBOR WORK.

PORTLAND, ORE.—Dock construction, timber and concrete. Cost not stated. Engineer, Engineering Dept. Commission of Public Docks, Worcester Bldg., Portland. Owners, City of Portland. The Commission of Public Docks, Portland, Ore., is now calling for bids for the construction of Dock No. 1, a pile and timber dock, which is to be erected on the west side of the Willamette River, between 15th and 16th streets. Bids will be opened on July 21st for the work. An official proposal will be found in another column of this issue. Plans show a structure 1075 feet over all and 112 feet wide. A portion of the dock, 303 feet long, will be constructed in two levels and the balance in but one level. A one-story shed covering the entire length of the dock will also be erected, having a clean span of 100 feet. The two-level section will be provided with six mechanical ramps and the one-level section with one power ramp. Dock will be of heavy mill construction with concrete fire walls and ends and will be equipped with automatic sprinklers. Also included in the work will be the construction of a massive concrete bulkhead wall running the full length of the dock with retaining walls at the ends. The contract also covers the

construction of a new ferry boat landing. Complete plans and specifications together with full instructions to bidders may be obtained on application to the Commission of Public Docks, 503 Worcester Bldg., Portland, Ore.

SEATTLE, WASH.—Bridge, frame construction. Cost not stated. Engineer, Engineering Department Great Northern R. R. Co., Seattle. Owners, Great Northern R. R. Co. Plans have been completed by this company for a frame bridge 65 feet long which will carry its tracks over Government Way between Gilman avenue and 27th avenue. Bids will be called for at once. Plans can be secured from the Engineering Department of the Great Northern.

ROSEBURG, ORE.—Bridge, steel construction. Cost not stated. Engineer, County Engineer, Roseburg. Owners, Douglas County. Bids are now being taken and will be opened on July 12th by the County Supervisors for the construction of a steel bridge over the Umpqua River. The bridge will consist of four 175-foot spans and is of the Curved Chord Pratt Truss design. The bridge will have a clear roadway of 20 feet and a clear head room of 15 feet. E. H. Lenox is the County Clerk. Plans can be secured from that office.

PORT ANGELES, WASH.—Sea wall construction. Cost not stated. Engineer, City Engineer Port Angeles. Owners, Port Angeles. The City Council has passed an ordinance calling for the construction of a sea wall 100 feet wide and over a mile in length. Bids will be called for at once. Full particulars can be secured from the City Clerk, Port Angeles.

Contracts Awarded.

SEATTLE, WASH.—Dam, concrete and steel, \$687,110. Engineer's name not given. Owners, City of Seattle. Contractors, Nettleton, Bruce & Eachbach, American Bank Bldg., Seattle. Contract price, \$687,110. This contract is for the construction of the Cedar River dam.

CHURCHES.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and towers, brick. Cost not stated. Architects, Frank T. Kogley and T. Foster Ena, associated, Consolidated Realty Bldg., L. A. Owners, Roman Catholic Church. This work has been mentioned here before when the architects were first commissioned. Plans provide for a building 84x128 feet with two high towers of steel construction. The main auditorium will have a seating capacity of 220 people. Interior finish will be of pine and ornamental plaster. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and figures are now being taken.

GLENDORA, LOS ANGELES CO., CAL.—Church, 2 story and base, reinforced concrete, \$25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Methodist Episcopal Church of Glendora. The building will cover an area of 76x100 feet and is designed in the classic style. There will be a main auditorium with a seating capacity of 550 people. Adjoining this there will be a large lecture room with a seating capacity of 220 people. Plans also provide for

Sunday school rooms, pastor's study and social rooms. Interior finish will be of pine and ornamental plaster. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

AZUSA, LOS ANGELES CO., CAL.—Church, 1 story and base, frame, \$11,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Presbyterian Church. Contractor, Gottfried Hanson, 1414 Vermont Ave., L. A. Contract price, \$11,000.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Factory, 2 story and base, brick and steel, \$35,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on Howard street near Fourth, and will cover a ground area of 165x155 feet. The entire building will be occupied by a large fruit preserving plant. Waterproof floors will be used in a number of places. There will be steam heat, freight elevators, and a number of large vats. Interior finish will be of pine throughout. A portion of the building will be used for stables. Exterior on two street frontages will be faced with pressed brick. Plans have been completed and figures taken. A general contract will be awarded shortly.

LONG BEACH, LOS ANGELES CO., CAL.—Factory, 2 story and base, reinforced concrete. Cost not stated. Engineer, George W. Harding, Washington Bldg., Long Beach. Owners, The Long Beach Improvement Co. The building will cover an area of 75x150 feet. The building has been designed for a planing mill and interior finish will be used only in the front portion. Plans have been completed and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 5 story and base, reinforced concrete, \$47,000. Architect, A. H. Daun, care of Board of Education, L. A. Owners, Board of Education. Contractors, Davidson Construction Co., 16th and Tennessee Sts., L. A. Contract price, \$47,000.

FIRE HOUSES.

SACRAMENTO, CAL.—Fire house, 2 story and base, brick and concrete. Cost not stated. Architect's name not given. Owners, City of Sacramento. Plans for the construction of a fire house in Oak Park have been completed and approved by the Fire Commission. Bids are now being taken and will be opened on July 10th. The building will be located on Cypress avenue between 34th and 35th streets. There will be space on the first floor for three pieces of apparatus and upper floor will be arranged for sleeping quarters, reading room and chief's office. Interior will be finished in pine and hardwood. Special plumbing and electrical equipment will be installed. Exterior of the building will be faced with pressed brick. Plans can be secured from the City Clerk, City Hall Bldg., Sacramento. An official proposal appears in another column of this issue.

SEATTLE, WASH.—Police and fire station, 2 story and base, brick. Cost not stated. Architect, Daniel Hunting-

ton, Seattle. Owners, City of Seattle. Plans are being prepared for a combination police and fire station which will be erected on 44th avenue near West Alaska street. Interior will be arranged for two pieces of apparatus besides the police quarters. Interior finish will be of pine and hardwoods. A central heating system will be installed. There will be special plumbing and electrical apparatus. Exterior of the building will be faced with pressed brick. Plans are being prepared.

ANAHEIM, ORANGE CO., CAL.—Fire house, 2 story and base, brick. Cost not stated. Architect, City Engineer Steward, Anaheim. Owners, City of Anaheim. Plans for a two-story brick building have been completed and figures are now being called for by the City Clerk. Bids will be opened on July 24th. The building will be arranged to contain three pieces of apparatus on the first floor and sleeping quarters and reading room on the upper floor. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans can be secured from the City Clerk.

GLENDALE, LOS ANGELES CO., CAL.—Fire house, 2 story and base, brick. Cost not stated. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. The building will cover an area of 50x75 feet and will contain four pieces of apparatus on the first floor. Upper floor will be divided into three rooms, baths and reading room. Interior will be finished in pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are being prepared.

FLATS.

SAN FRANCISCO—Flat alterations, 2 story and base, frame, \$6,000. Architect, Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, Prof. Hofkredit. The building now located on Lake street near 4th avenue will undergo extensive alterations. There are at present three large flats contained in the building which will be rearranged for six modern apartments. The work will include new plastering, plumbing, painting and electrical work as well as new interior finish. The exterior of the building will also be altered. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, A. V. Dovenalo. The building, which has been designed to contain six flats, will be erected on Miguel street near Arlington. The lot has a frontage of 25 feet by a depth of 80 feet. Flats will consist of four rooms and bath each. Interior will be finished in pine with some hardwood floors. Bath rooms will be finished in cement plaster. All living rooms will have a large open fire place with brick mantel. Tile will be used in the kitchens. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. The owner is now in the market for all kinds of materials.

GARAGES.

LOS ANGELES, CAL.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, City of Los Angeles. Plans have been completed for a municipal garage which is to be erected on Pearl street near Marengo. The building will be large enough to house twenty-five machines. Interior will be finished in pine. A cement floor will be used. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Bids will be called for shortly.

GOVERNMENT WORK AND SUPPLIES.

Puget Sound, Wash., Traveling Cranes.
Bids for furnishing electric traveling cranes for delivery at the U. S. navy yard, Puget Sound, Wash., were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., as follows:

Item 1, price for 4 cranes complete; 2, deduct from item 1 if the 5-ton 1-motor hand traversing bridge crane is omitted; 3, add to item 1 for one additional 5-ton wall crane; 4, add to item 1 for one additional 3-ton 1-motor hand traversing bridge crane.

Cyclops Iron Works, 837 Folsom street, San Francisco, Cal., item 1, \$18,400; 2, \$1,900; 3, \$4,400; 4, \$1,900.
Pauling & Harnischfeger, 39th and National avenue, Milwaukee, Wis., item 1, \$16,825; 2, \$2,725; 3, \$3,950; 4, \$2,675.

Grand Junction, Colo., Construction.
The following bid was received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Grand Junction, Colo.:

J. J. Lusden, Grand Junction, Colo.
For using light colored limestone for all exterior stonework, except where granite or bluestone is required, \$116,367.

For using light-colored Colorado marble for all exterior stonework, except where granite is required \$121,453.

For using Colorado sandstone for all exterior stonework, except where granite or bluestone is required, \$117,482.

For alternate C (substituting tile for slate on slopes of main roof), add \$54.

For alternate F (painting plastered surfaces of finished rooms in the first and second story), add \$1,200.

For furnishing and installing of all lighting fixtures, \$1,280.

Screens, Camp Yosemite, Cal.
The contract for installing screens at Camp Yosemite, Cal., has been awarded to the Thurman-Doer Co., of Madera, Cal., at \$685.48.

San Francisco, Cal., Vault Protection.
The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for an electric vault-protection system in the U. S. subtreasury building, San Francisco, Cal.:

American Bank Protection Co., Minneapolis, Minn., \$975; time September 20, 1913.

American District Telegraph Co., of San Francisco, New York city, \$1,-

210.30; time September 30, 1913.

Butte Engineering & Electric Co., San Francisco, Cal., \$1,800; time August 30, 1913.

Letterman Hospital, Turbine Sets.

The Standard Electrical Construction Co., of 60 Natoma street, San Francisco, Cal., has the contract at \$3,370 for furnishing two 75-K. W. turbine sets at the Letterman General Hospital, Cal.

Fort McDowell, Rock-Crusher Plant.

Awards have been made as follows by the quartermaster general for furnishing a rock-crushing plant at Fort McDowell, Cal.: Allis-Chalmers Co., \$1,388.60 for item 1, lots 1 and 2; Pacific States Electric Co., \$194.75 for item 1, lots 3 to 5; Greenstein-Arthur-Koppel Co., item 2, \$699.50; Davis-Rogers Co., items 3 and 4, under alternate E, \$11,929. All bidders are of San Francisco.

Water System, Fort Flagler.

The contract for extending the present water-distributing system at Fort Flagler, Wash., has been awarded to James A. Coyne, of Port Townsend, Wash., at \$1,700.

Honolulu, H. T., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., June 20, for the construction, complete, of the U. S. quarantine station at Honolulu, H. T.:

Bid 1. W. N. Concannon Co., 433 Menadnock building, San Francisco, Cal.

2. Lord-Young Engineering Co., Ltd., 12 Merchant street, Campbell block, Honolulu, H. T.

For all labor and material required for latrine buildings, sewage purification tanks, and connecting piping—Bid 1, \$29,375; 2, \$33,804.

Amount included in lump-sum proposal for part I, as specified—Bid 1, \$13,696; 2, \$14,701.

Amount included in lump-sum proposal for part II, as specified—Bid 1, \$4,740; 2, \$5,953.

Amount included in lump-sum proposal for part III, as specified—Bid 1, \$10,939; 2, \$13,150.

Amount to be added to lump-sum proposal for each 6 inches additional depth more than shown on plan for lowering purification tanks—Bid 1, \$250; 2, \$200.

Amount to be added to the lump-sum proposal for riprap per foot of length of discharge pipe as specified—Bid 1, \$12; 2, \$2.77.

Time to complete—Bid 2, 180 days; 1, 7 months.

HALLS AND SOCIETY BUILD.

McMINNVILLE, ORE.—Lodge hall, 3 story and base, brick, \$50,000. Architect, C. C. Robbins, Ainsworth Bldg., Bldg., Portland. Owners, McMinnville Masonic Hall Association. An architect has just been selected to prepare plans for this work and details of the building are not yet available. There will probably be stores on the first floor and offices and lodge rooms on the second and third floors. Plans will provide for a central heating system. Interior finish will be of pine and hardwoods. Exterior will be faced with pressed brick. Further mention will be made of the work as the plans progress.

BREMERTON, WASH.—Lodge hall, 3 story and base, reinforced concrete,

\$30,000. Architect's name not given. Owners, Bremerton Eagles' Hall Association. All bids received for this work have been rejected and plans will be revised. The building was designed with stores on the first floor and offices and lodge rooms on the upper floors. Plans provide for steam heat. Interior will be finished in pine and hardwoods. Exterior of the building will be faced with cement plaster. New figures will be taken as soon as the revision of the plans is complete.

SAN FRANCISCO—Foundation work City Hall. Class A construction. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Plans for the foundation work, concrete footing and finishing excavation for the City Hall Building have been approved by the Board of Public Works. Bids are now being called for and will be opened on July 11th. Plans can be secured from the architects. An official proposal appears in another column of this issue.

FRESNO, FRESNO CO., CAL.—Lodge hall, 6 story and base, reinforced concrete and steel, \$125,000. Architect's name withheld. Owners, Fresno Elks' Hall Association. Preliminary plans have been accepted by the Fresno Elks for a lodge hall and commercial building which will be erected on their property on Tulare street opposite the Rowell building. No details of construction have been given out. Further mention of the work will appear in these columns as the plans progress.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Club rooms, 2 story and base, brick, \$34,000. Architect, T. B. Wiseman, Bakersfield. Owners, Bakersfield Club. Contractor, D. A. Evans, Fresno. Contract price, \$34,000.

HOSPITALS.

SEATTLE, WASH.—Hospital buildings, brick and concrete construction, cost not stated. Architect's name not given. Owners, City of Seattle. Bids were opened for the Tuberculosis Sanitarium project at Richmond Heights, and bids have been referred to the Superintendent of Buildings. The following were low on the administration building and hospital. Administration Building—(a) interlocking tile walls; (b) brick walls; (c) concrete walls. Jenkins & Jones, Hincley Block, (a) \$73,900; (b) \$74,130; (c) \$73,570. Hospital Building—M. J. Hursten Co., Globe Block, (a) \$52,800; (b) \$52,800; (c) \$52,800.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base. Class C construction, \$25,000. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner's name withheld. The building will be erected on Golden Gate avenue near Hyde street, and will have a frontage on Golden Gate avenue of 48 feet and a depth of 68 feet 9 inches. The first floor will be arranged for stores and the upper floors for hotel purposes. Plans provide for a total of 30 guest rooms and a number of baths. Interior finish will be of pine and hardwood. There will be steam heat and a hot water system. Bath rooms will have cement floors and tile wainscot. Mar-

ble, tile and terrazzo will also be used. Exterior of the building will be faced with cement plaster. Store will have plate glass windows in patent store fronts. Plans are now being prepared.

SAN FRANCISCO—Hotel, 7 story and base. Class A construction, \$125,000. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owners, George Haas Realty Co. The building will be erected at the southwest corner of 5th and Stevenson streets and will cover a large area, the owners having recently secured additional property. There will be a number of stores on the first floor besides the hotel entrance, lobby and offices. Upper floors will be arranged for a total of 114 guest rooms, a number of which will have private baths. There will be a complete steel frame with brick exterior walls, faced with pressed brick and terra cotta. Plans provide for steam heat, elevator service, hot water system, vacuum cleaning plant and metal window frames and sash. Interior will be finished in pine and hardwoods and ornamental plaster. Bath rooms will have cement floors and tile wainscot. There will be sidewalk doors, lifts and lights and patent store fronts. Plans are complete and figures are now being taken.

PORTLAND, ORE.—Hotel, 3 story and base, brick. Cost not stated. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, Fisher & Thorsen. The building will be erected at the southwest corner of Lowndale and Washington streets and will cover a considerable area. The first floor will be arranged for stores and upper floors for hotel rooms. Plans provide for steam heat and a hot water plant. Interior finish will be of pine throughout. Bath rooms will have cement floors and tile wainscot. There will be plate glass display windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Hotel, 2 story and base, brick, \$18,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owner, C. W. Musick. The building will be erected on J street near Merced and will cover an area of 50x102 feet. There will be stores on the first floor besides the entrance to the hotel. Upper floor will be arranged for 19 guest rooms and four baths. Interior finish will be of pine throughout. Considerable marble and tile will be used on the first floor. There will be plate glass store windows and patent store fronts. Hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with pressed brick. Plans are now nearly complete and figures will be called for shortly.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$40,000. Architect, A. Featherstonhaugh, Ferguson Bldg., L. A. Owner, Joseph H. Call. The building will be erected on South Hope street and will have a street frontage of 60 feet and a depth of 165 feet. The first floor will be arranged for a large lobby, offices and store. Upper floors will be subdivided into 90 guest rooms, 21 private baths and 9 public baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Bath rooms will be finished in tile and will

have cement floors. A hot water system will also be installed. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will let sub-contracts on all parts of the work.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$44,500. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sablich. Contractors, Alpetter, Hall & Alpetter, Ferguson Bldg., L. A. Contract price, \$44,500. Thomas Haverly Co., plumbing and heating. Contract price, \$8,400.

SAN DIEGO, CAL.—Hotel, 3 story and base, reinforced concrete, \$162,270. Architect, Harrison Albright, L. A. Owners, J. D. and A. B. Spreckels Securities Co. Contractors, The Wurster Construction Co., Spreckels Bldg., San Diego. Contract price, \$162,270.

LIBRARIES.

ALHAMBRA, LOS ANGELES CO., CAL.—Library, 1 story and base, brick. Cost not stated. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owners, City of Alhambra. Plans for this building, which was mentioned here when the architect was first commissioned to prepare plans, have been accepted and are now out for figures. Bids will be opened on July 12th. The building covers an area of 90x100 feet, and is in the classic style. Interior finish will be of hardwood, marble and tile. Hardwood floors will be used throughout. There will be a central heating system. Metal shelves and metal window sash and frames are also specified. Exterior of the building will be faced with enamel brick. Plans are complete and figures are being taken.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Furnishing and fabricating structural steel and iron. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for the furnishing and fabricating of the structural steel and iron work in connection with the construction of the Fine Arts Building have been completed and are now out for figures. Bids will be opened by the Buildings and Grounds Committee on July 24th. Plans can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

POST OFFICES.

SACRAMENTO, CAL.—Post office work, screens. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened by the Supervising Architect in Washington, D. C., on July 10th for furnishing and installing screens in the Post Office building at Sacramento. Plans can be secured from the Supervising Architect, Oscar Wenderoth.

GRASS VALLEY, NEVADA CO., CAL.—Post Office, 1 story and base, brick and stone, \$65,000. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Only

three bids were received on June 30th by the Supervising Architect, Oscar Wenderoth; at Washington, D. C., for the construction of the Grass Valley Post Office. All three bids were received from California contractors, two local firms and one Sacramento firm bidding. Alternative propositions were asked for, one for facing the building with limestone and the other for sandstone facing. Campbell & Turner of Sacramento were low at \$77,450. A complete list of these bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

LOS ANGELES, CAL.—Passenger station, 1 and 2 story and base. Class A and C construction, \$250,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. The time for opening these bids has been extended from the 1st to the 5th. A complete list of the figures received for this work will appear in the next issue of the Building and Industrial News.

Contracts Awarded.

LOS ANGELES, CAL.—Roundhouse, 1 story and base, reinforced concrete, \$60,000. Architect, none. Owners, Santa Fe Railroad Co. Contractors, Unit Construction Co., S. F. Contract price, \$60,000.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. L. McDowell, 630 40th Ave., S. F. The dwelling will be erected on 10th avenue, and has been designed for a seven-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Bungalows, 3, 1 story and base, frame, \$1,400 each. Architect, none. Owner, James F. Hefferman, 59 Santa Marina Ave., S. F. These houses have been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be large open fire places in the living rooms. Brick mantels are specified. Bath rooms will be finished in cement plaster. Some tile will be used in the kitchens. Extérieurs will be covered with rustic and shingles. Plans are in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, E. Glinley, 131 5th Ave., S. F. This dwelling has been designed for an eight-room house with bath and sleeping porch, and will be erected on 9th avenue north of Clement. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat

and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architect, William J. Wilkinson, 809 Alleen St., Oakland. Owner, Mrs. M. J. S. Chase. The dwelling will be erected on Keith avenue west of Broadway, and has been designed to contain ten rooms, baths and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,400. Architect, none. Owner, George B. Davis, 2043 Rosedale Ave., Oakland. The dwelling will be erected on Linwood street near 38th and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, none. Owner, Dr. Fenton, 678 11th St., Oakland. This dwelling will be erected on Alce avenue and has been designed to contain eight rooms, bath and sleeping porch. A garage will be erected on the rear of the lot. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile with composition floors. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owners, Western Union Home Builders, Oakland. The dwelling will be erected on Sunnyside avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and furnace heat. Bath room will have tile wainscot. Mantel will be of brick. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by

Day Labor. Owners are now letting subcontractors.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The bungalow has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the main living rooms. There will be a large open fire place with brick and tile mantel. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the bungalow will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, C. S. Schwartz, Hayward. Owner, M. V. Rogers. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on 19th avenue between 23rd and 24th streets. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The bungalow will contain five rooms and bath and is to be erected at the southwest corner of Lake and Greenbank streets. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: W. M. Lewis, Mountain View, 1 story six-room frame cottage, cost, \$2,000; George Cangable, 225 North 33rd street, 1 story four-room frame cottage, \$1,000, and J. E. Weldon, 645 Ashbury, 1 story five-room frame cottage, \$2,300.

WOODSIDE, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling will be designed for a country home and will contain in the neighborhood of 14 rooms, baths and sleeping porch. A garage will also be erected on the property. Interior finish will be of pine and hardwoods. There will be a central heating system, probably steam. Open fire places will be used in several of the rooms. Hardwood floors are specified throughout. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be taken within a short time.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs, in addition to those previously mentioned are about to be started in San Jose: L. A. Datto, Oak street, 1 story and base, frame, six rooms, \$1,750, J. H. Sullivan, 129 9th street, 1 story, frame six-room cottage \$1,900.

WALNUT CREEK, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Irving F. Morrow, 301 Lenox Ave., Oakland. Owner, Dr. Malcolm Goddard. The dwelling will contain seven rooms and bath. Interior finish will be of pine and hardwood with hardwood floors used in the living room, dining room and reception hall. There will be an open fire place in the living room with a large brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. An automatic water heater will be installed. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 36th and Park avenue, 3 2 story frame, \$7,500; Max Smith, 2821 Spagford avenue, 1 story frame, \$2,400; Mrs. L. Zangerle, 722 J street, frame garage, \$1,800; L. H. Jacob, 2212 L street, frame cottage, \$600, and G. C. Snyder, 2310 31st street, frame cottage, \$1,000.

EBURNE, B. C.—Residence, 2 story and base, stone and concrete, \$100,000. Architect, Raphael A. Nicolais, Rogers Bldg., Vancouver. [Owner's name withheld. The dwelling has been designed for a country home and will contain in the neighborhood of 16 rooms, a number of baths and conservatory. Interior finish will be of hardwoods. A steam heating system, vacuum cleaning plant and hot water heater will be installed. Bath rooms will be finished in tile. Hardwood floors will be used throughout. There will be open fire places and brick and marble mantels. Exterior of the house will be faced with stone. Plans are nearly complete and figures will shortly be called.]

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story and base, brick and frame, \$30,000. Architect, C. H. Russell and F. Slingluff, associated, Security Bldg., L. A. Owner, Roland Bishop. The dwelling will contain 20 rooms, 5 baths and sleeping porches. Interior finish will be of pine, birch and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with brick veneer and rustic. Plans are nearly complete and figures will be called for shortly.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, F. M. Tyler, Black Bldg., L. A. Owner, D. T. Althouse. The dwelling has been designed for a fourteen room house with several bath rooms and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement

plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

MONTECITO, SANTA BARBARA CO., CAL.—Residence, 2 story and base, frame, \$18,000. Architect, A. B. Benton, 114 North Spring St., 1 A. Owner, J. Langdon Erving, Contractors, Kling Co., Union League Bldg., L. A. Contract price, \$18,000.

LOS ANGELES, CAL.—Residence, 2 story and base, concrete and hollow tile, \$25,000. Architect, Irving J. Gill, 913 South Figueroa St., L. A. Owner, Mary H. Banning, Contractors, Concrete Building and Investment Co., 913 South Figueroa St., L. A. Contract price, \$25,000.

—SCHOOLS—

BERKELEY, ALAMEDA CO., CAL.—Ornamental metal work for Campanile. Cost not stated. Architect, John Galen Howard, 602 Mission St., S. F. Owners, Regents of the University of California. Bids for the ornamental metal work on the Sather Campanile are being re-advertised. New bids will be opened on July 16th. The official proposal appears in another column of this issue. No contracts on the other parts of this work have yet been awarded by the Regents.

LATON FRESNO CO., CAL.—School, 1 story and base, brick. Cost not stated. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Hardwick School District. The building will contain four class rooms and an assembly hall. Interior finish will be of pine with some maple floors. A central heating system will be installed. A clay tile roof is specified. Exterior of the building will probably be faced with cement plaster. Plans are now being prepared.

CHOWCHILLA MERCED CO., CAL.—School, 1 story, concrete, \$10,000. Architect, William E. Redesen Merced. Owners, Chowchilla School District. The building has been designed to contain three standard sized class rooms. Interior finish will be of pine throughout. No heat will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

BARISDALE VENTURA CO., CAL.—School, 1 story and base, brick and frame. Cost not stated. Architect, Homer W. Glidden Wright and Callender Bldg., L. A. Owners, Willow Grove School District. The building will cover an area of 40x60 feet and will contain two class rooms, office and separate toilets. Interior finish will be of pine with some maple floors. A central heating system will be installed. Exterior of the building will be faced with brick veneer. Plans are being prepared.

LANCASTER, LOS ANGELES CO., CAL.—School, 2 story and base reinforced concrete. Cost not stated. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Lancaster School District. The building will cover an area of 60x92 feet and will contain four class rooms, library and principal's office on the first floor. Upper floor will contain an assembly hall seating 300 people and domestic science rooms. Manual training department will occupy the greater part of the basement. There will be a central heating system pipe and hardwood interior finish and

a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and bids will be opened on July 12th. Robert B. Cameron is Clerk of the School Board.

FULLERTON, ORANGE CO., CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. All bids for the construction of this building have been rejected. Plans will be revised and new figures will be called. The lowest bid received was from the Sawtelle Construction Co. and was for \$50,990. This amount is above the amount available.

Contracts Awarded.

QUINCY, PLUMAS CO., CAL.—School, 2 story and base, reinforced concrete, \$32,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Quincy High School District. Contractors, Campbell & Turner, Sacramento, general construction. Contract price not stated. Pacific Blower and Heater Co., S. F. heating and ventilating. Contract price not stated.

WALNUT SCHOOL DISTRICT, FRESNO CO., CAL.—School, 1 story, frame, \$5,777. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Walnut School District. Contractor, J. H. Peak, Selma. Contract price, \$5,777.

SANTA MONICA, LOS ANGELES CO., CAL.—School addition, brick construction, \$11,633. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica School District. Contractor, J. L. Harrod, 1425 Berkeley St., Santa Monica. Contract price, \$11,633. Coony & Winterbottom, Alhambra, plumbing, \$1,048.

SANTA MONICA, LOS ANGELES CO., CAL.—School, 2 story and base, brick, \$31,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica School District. Contractor, Leonard Shaff, Santa Monica, general construction, \$29,283. W. J. England, Santa Monica, plumbing, \$3,580. Bids for the heating were taken under advisement.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—State Highway work. Cost not stated. Engineer State Highway Commission, Sacramento. Owners, State of California. The following are the low men on the six pieces of State Highway Work, bids for which were opened on June 29th. Contracts have not been awarded:

El Dorado County—State highway between Single Springs and El Dorado, five miles, water-bound macadam; Arthur S. Lyons and Ira N. Purke, Smith's Plat, lowest bidder, \$31,786.90; engineer's estimate, \$19,372.33.

San Mateo County—Grading two-mile strip between Cypress Lawn Cemetery and South San Francisco, lowest bid, Mahoney Bros., San Francisco, \$17,112.05; engineer's estimate, \$25,289.77.

Santa Clara County—Constructing road between Morganhill and Gilroy, seven and a half miles; E. O. Burge, Sacramento, lowest bidder; \$33,800.60; engineer's estimate, \$44,426.23.

Santa Barbara County—Constructing twelve miles of highway between Los Alamos and a point one and a

quarter miles north of Ricknell Station; lowest bid \$91,148.50, by Mayer & Lewis of Venice; engineer's estimate, \$96,550.95.

San Luis Obispo County—Construction of highway between San Luis Obispo and Santa Margarita, six and a half miles; E. O. Burge, Sacramento, lowest bidder, \$53,335; engineer's estimate, \$46,211.83.

San Bernardino County—Construction of highway between the westerly boundary of the county and running by way of Ontario, six and a half miles; Benton & Deenbaker, Los Angeles, lowest bidder, \$37,851.10; engineer's estimate, \$49,266.12.

No road work is being ordered by the Commission until the money for its completion is available for use by the Commission.

YERBA BUENA ISLAND, CAL.—Water pipe line, \$10,000. Engineer, Department of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been complete and figures are now being taken for the construction of a pipe line from Yerba Buena Island to Oakland. Bids will be opened on August 2nd. Plans can be secured from the Commandant of the Naval Training Station, San Francisco, or from the Department of Yards and Docks, Washington, D. C. An official proposal appears in another column of this issue.

KITTITS IRRIGATION DISTRICT, WASH.—Irrigation work, \$5,000,000. Engineer, Frank C. Kelsey, Journal Bldg., Portland. Owners, Kittits Irrigation District. Plans and specifications have been completed by Frank C. Kelsey, consulting engineer, Journal Bldg., Portland, for the irrigation project for the Kittits Reclamation District. The work will require an expenditure of \$5,000,000, and bids for the construction work will be let in one general contract when the bonds for the work can be sold. The project will require over 100,000 yards of concrete, 4500 tons of steel and the construction of several bridges will be required; one of these will be 600 feet long and will have three steel spans. This bridge will carry one of the 12 siphons. This siphon will be eight feet in diameter and one mile long. The total length of the 12 siphons will be over three miles, while a large tunnel is also included which will be 2½ miles long. The Government has already completed one dam at Lake Kachess and another is in course of construction at Lake Keechelus. These dams will furnish the district with water. The headworks is about one-half mile east of Easton, Wash., and will cover a large area in and around Ellensburg. The estimated cost of the construction work is placed at \$4,000,000, making an additional \$1,000,000 for other work. The plans and surveys have already been completed. Mr. Kelsey stated that he thought no action would be taken until after the first of the year on account of the poor market for the bonds.

Contracts Awarded.

COALINGA, FRESNO CO., CAL.—Oil reservoir, reinforced concrete. Cost not stated. Engineer, Engineering Dept. California Oilfields Co., Coalinga. Owners, California Oilfields Co. Contractors, Healy-Tillett Construction Co., S. F. Contract price not stated.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and loft, 2 story and base. Class C construction. Cost not stated. Architect, Theo. Lenz, Humboldt Bank Bldg., S. F. Owner, Mr. McGovern. This building will be erected on upper Market street near Van Ness avenue, and will cover a considerable area. The entire structure has been leased to A. Freed, a dealer in motor cycles. Interior will be finished in pine. There will be patent store fronts and plate glass windows. Metal window frames and sash will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Office additions, 2, 3 story wings. Class A construction, \$125,000. Architects, Miller & Colmesnoll, Lick Bldg., S. F. Owners, Metropolitan Life Insurance Co. This work has been mentioned here before. At that time it was proposed to add to the height of the building, but this plan has since been abandoned and two wings each 22½x94 feet will be constructed, one at each end of the building. There will be a complete steel frame with exterior walls of concrete and brick, faced with mat glazed terra cotta. Interior will be handsomely finished in hardwoods, marble and metal trim. There will be a basement and sub-basement. Plans will be complete and ready for figures within a month.

SAN JOSE, SANTA CLARA CO., CAL.—Office, 1 story, reinforced concrete, \$6,000. Architect, none. Owners, San Jose Water Co., 372 West Santa Clara avenue, San Jose. Plans are complete for an addition to the company's office. Interior will be finished in pine and hardwoods. A tile floor will be used. Plans provide for metal window sash and frames and modern plumbing. Exterior will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Department store, 3 story and base. Class A construction, \$165,000. Architect, C. A. Meussdorfer, Humboldt Bank Bldg., S. F. Owners, Gottschalk Department Store. All bids for this work which were opened a week ago have been rejected. Plans will be slightly revised and new figures will be called for at once.

BAKERSFIELD, KERN CO., CAL.—Stores, 2 story and base, brick, \$20,000. Architect, none. Owner, Alfred Harrell, Bakersfield. The building on I street between 19th and 20th streets, recently destroyed by fire, will be rebuilt at once. Plans for this work are now in the hands of the owner who will let all contracts.

FRESNO, FRESNO CO., CAL.—Stores and offices, 4 story and base, reinforced concrete. Cost not stated. Architect, R. F. Felchlin, Fresno. Owners, Holland & Holland. The building will be erected at the corner of Reno and L streets and will cover an area of 79x110 feet. The first floor will contain stores and a banking room. Second and third floors will be arranged for 59 modern offices. The fourth floor will contain a large lodge room. Interior finish will be of pine and hardwoods. A maple floor will be used in the lodge room. There will be steam heat and elevator service. Metal window sash and frames are specified. Exterior of

the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, reinforced concrete. Cost not stated. Architects, Barnett, Haynes & Barnett, Wright and Callender Bldg., L. A. Owner's name withheld. The building will be erected on Central avenue and will cover an area of 126x125 feet. Plans provide for five stores on the first floor and lofts above. There will be reinforced concrete floors and roof slabs. Two electric freight elevators will be installed, steam heat, metal window sash and frames and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RIVERSIDE, RIVERSIDE CO., CAL.—Stores and offices, 2 story and base, reinforced concrete. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. The building will cover an area of 40x140 feet. The entire structure will be occupied by the owners. Interior will be finished in pine, hardwood, marble and ornamental plaster. Plans include steam heat, metal window sash and frames and fireproof vaults. Exterior will be faced with Utah stone and cement plaster. Plans are complete and figures are being taken.

SAN PEDRO, LOS ANGELES CO., CAL.—Stores and offices, 4 story and base, brick. Cost not stated. Architect, E. H. Dorr, 1811 South Main St., L. A. Owner, N. O. Anderson. The building will cover an area of 25x75 feet and will be arranged for one store on the first floor and 27 offices on the upper floors. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architect.

LOS ANGELES, CAL.—Stores and offices, 14 story and base. Class A construction. Cost not stated. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, Home Builders. This work has been mentioned here a number of times before. Plans for the general construction of the building have been completed and figures are now being taken. The structure will be erected at the corner of 8th and Spring streets, and will cover an area of 117x108 feet. Construction will be fireproof throughout. There will be a complete steel frame, reinforced concrete walls and floors. Metal interior trim and metal window sash and frames will be used.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction, \$200,000. Architects, William Curlett & Son, Phelan Bldg., S. F., and Title Insurance Bldg., L. A. Owners' Merchants' Fireproof Building Co. Contractors, C. J. Kubach Co., Van Nuys Bldg., L. A. Contract price, \$200,000.

LOS ANGELES, CAL.—Lofts, 5 story and base, reinforced concrete, \$120,399. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichl. Contractor, Carl Leonardt, 11, W. Hellman Bldg., L. A. Contract price, \$120,399.

PHOENIX, ARIZ.—Department store, 4 story and base, reinforced concrete, \$72,900. Architects, Trost & Trost and

Royal W. Lescher, Phoenix. Owners, New York Store. Contractors, Arizona Construction Co., Mesa. Contract price, \$72,900.

LOS ANGELES, CAL.—Newspaper offices, 2 story and base. Class A construction, \$400,000. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owner, William Randolph Hearst. Contractors, Alta Planing Mill Co., 830 McGarry St., L. A., general construction only. Contract price, \$270,000.

THEATRES.

VICTORIA, B. C.—Theatre, 3 story and base. Class B construction, \$125,000. Architect, J. N. Warren, Victoria. Owner, Alex. Pantages. The building will be erected on a corner site and covers a large area. A main auditorium seating 1,000 people is provided besides a large balcony and 14 boxes. Construction will be of brick and steel. An exceedingly ornamental elevation has been designed. Interior will be finished in hardwoods and ornamental plaster. There will be steam heat and a modern system of ventilation. Indirect system of lighting will be used. Considerable metal work is specified. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

SEALED PROPOSALS.

CANAL CIRCULAR 783—Proposals for Motor-Driven Lathe, Chain, Steel Cable, Rivets, Nails, Nuts, Steel Washers, Bronze Bars, Sheet Copper, Sheet Zinc, Claw Bars, Chisels, Files, Wheelbarrows, Drawer Locks, Lanterns, Tool Handles, Marline, Linseed Oil, Paper and Cardboard.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. July 17, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 783) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; R. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR SCREENS.

SCREENS—Treasury Department, office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until July 10, 1913, for installing screens in the U. S. public building at Sacramento, Cal. For further information address O. WENDEROTH, supervising architect.

PROPOSALS FOR WATER PIPE.

WATER PIPE—Sealed proposals indorsed "Proposals for Pipe Line" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. August 2, 1913, and then and there publicly opened, for water pipe from Yerba Buena Island to Oakland, Cal. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval training station, San Francisco, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CITY HALL WORK. OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 10 o'clock a. m. and 11 o'clock a. m. on Friday, the 11th day of July, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

BUILDING AND INDUSTRIAL NEWS

The foundation and footing concrete work and finishing of excavation for the City Hall to be located on City property bounded by McAllister, Polk and Grove streets and Van Ness avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and complete work within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$12,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application to the office of the City Collector, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR FIRE HOUSE.

BIDS will be received by the City Commission in the Council Chamber, City Hall Building, on I street between Ninth and Tenth streets in the City of Sacramento, between the hours of 9:30 o'clock a. m. and 1:30 o'clock p. m. on Thursday, July 10, 1913, for furnishing all labor and materials required in the erection of a fire station on Oak Park on south side Cypress Avenue between Thirty-fourth and Thirty-fifth streets, Sacramento, California, in accordance with plans and specifications heretofore adopted, and all proposals must be made upon such forms, and specifications now being on file in the office of the City Clerk and open to the inspection of the public at all times during office hours.

All such proposals must comply with the requirements of the new Charter of the City of Sacramento, effective July 1, 1912, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed forms prepared by the City, copies of which, together with the circular of instructions, will be supplied free upon application to the undersigned.

The successful bidder must give bond to the City of Sacramento, conditioned for the faithful performance of the contract and containing the stipulations prescribed in Section 10 of the said new Charter, and a certified check made payable to the City Clerk for not less than ten (10) per cent of the aggregate of the proposal must accompany each bid. The right is reserved to the City by the provisions of said Charter.

M. J. DESMOND,
City Clerk of the City of Sacramento,
Office: City Hall Building, Sacramento, California.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M. Thursday, July 24th, 1913, for **Foundations, Fabricating and Erecting Structural Steel and Iron Work of The Fine Arts Building** in accordance with the plans and specifications on file in the office of the Director of Works.

A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building,

Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, at 10 A. M. Wednesday, July 10th, on **Ornamental Metal Work for the Sather Campanile on the Grounds of the University of California, Berkeley.**

Plans and specifications are on file in said office and may be obtained upon the payment of a deposit of \$5.00.

No bids will be received unless accompanied by a certified check or bond, equal to 10% of the bid, to secure execution of the contract by the successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

THE CITY OF PORTLAND, OREGON,
OFFICE OF
THE COMMISSION OF PUBLIC DOCKS
Public Dock No. 1.
Advertisement.

NOTICE IS HEREBY GIVEN THAT The Commission of Public Docks of the City of Portland, Oregon, will receive sealed proposals until 10 o'clock A. M., July 10, 1913, at its office, 502 Worcester Building, Portland, Oregon, for the construction of a Public Dock, with appurtenances, between 15th and 17th Streets, on the West Side of the Willamette River.

Plans, specifications, proposal blank, form of contract and other information for proposers, will be sent per cent in the office of The Commission of Public Docks. A complete set of plans and specifications may also be obtained by prospective bidders by depositing with the Commission a certified check in the sum of \$50.00, which will be returned upon receipt of the plans in good condition.

All tenders to be sealed and marked on the outside "Proposal for construction of Public Dock No. 1."

No proposal or bid will be considered unless accompanied by a check payable to the order of The City of Portland, Oregon, for an amount equal to ten per cent of the proposal, to be forfeited as fixed and liquidated damages in case the bidder neglects or refuses to enter into contract and provide a suitable bond for the faithful performance of said work in the event the contract is awarded him.

ATTENTION of all bidders is respectfully called to Chapter 61, Laws of Oregon, 1913. (Session Laws 1913, p. 99).

The Commission of Public Docks reserves the right to reject any and all proposals.

Dated Portland, Oregon, this 30th day of June, 1913.

THE COMMISSION OF PUBLIC DOCKS

By G. B. HEGARDT,
Secretary.

(3-1-July 1, 9, 16)

NOTICE TO CONTRACTOR.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C. June 9, 1913.—Sealed proposals will be received at this office until 3 o'clock P. M. on July 21, 1913, and then opened, for new heating boilers, etc., at the United States postoffice, Port Townsend, Wash., in accordance with the specifications, copies of which may be obtained at this office, at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

PROPOSALS FOR DREDGING.

DREDGING—Sealed proposals, indorsed "Proposals for Dredging," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., July 26, 1913, and then there will be publicly opened for dredging channels and basins in Mare Island Strait and removing rocks at Vallejo, Cal. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR AIR COMPRESSOR.

AIR COMPRESSOR—Sealed proposals indorsed "Proposals for Air Compressor" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 12, 1913, and then there will be publicly opened for furnishing and installing one air compressor having at least 5,300 cubic feet of free air per minute displacement, complete, accessories, at the navy yard, Puget Sound, Wash. Estimated cost, \$35,000. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the navy yard named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR ELEVATOR WORK.

HOIST AND LIFT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 17th day of July, 1913, and then opened, for a new hoistway, an electric freight lift, etc., in the United States postoffice, Port Townsend, Wash., in accordance with the drawing and specification, copies of which may be had at this office, at the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR BOILERS.

BOILERS—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m. on July 21, 1913, and then opened, for new heating boilers, etc., at the United States post office, Port Townsend, Wash., in accordance with the specification, copies of which may be obtained at this office, at the discretion of the supervising architect. O. WENDEROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M. Thursday, July 24th, 1913, for **Concrete Foundation Piers and Timber Drain in Connection with Resealing Quartermaster's Stores Nos. 1, 2, 3, and 4** in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond.

A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$7,000. San Francisco. Architect, none. Owner, S. J. Sterner, 3825 19th Ave., S. F. The building will be erected on the west side of 7th avenue south of California street and will cover an area of 27x80 feet. Plans provide for six large apartments all of which will be equipped with private bath rooms and wall beds. There will be a central heating system and open fire places. Mantels will be of brick. Composition floors and cement plaster wainscot will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, A. J. Bain, Phelan Bldg., S. F. Owner, Charles C. Terrill Estate. This building has been mentioned here when plans were first started. The building will be erected on Haight street east of Pierce and will cover a ground area of 36x84 feet. There will be twelve modern apartments of two, three and four rooms. All suites will have private bath rooms and will be equipped with wall beds. Interior finish will be of pine with some elm panels. Bath rooms will be finished in cement plaster. There will be steam heat and a hot water system. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the personal direction of the architect.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, W. H. Kelley. The building will be erected on the south side of Pine street west of Jones, and has been designed to contain 14 apartments of two, three and four rooms. Interior will be finished in pine and hardwoods. Plans provide for a central heating system, probably steam, elevator service, and a hot water supply. All suites will have private bath rooms and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath and rustic and brick veneer. Marble and tile will be used in the entrance vestibule. Plans are now being prepared.

FACTORY—2 story and base, brick and steel, \$35,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on Howard street near Fourth, and will cover a ground area of 165x155 feet. The entire building will be occupied by a large fruit preserving plant. Waterproof floors will be used in a number of places. There will be steam heat, freight elevators and a number of large vaults. Interior finish will be of pine throughout. A portion of the building will be used for stables. Exterior on two street frontages will be faced with pressed

brick. Plans have been completed and figures taken. A general contract will be awarded shortly.

FLAT ALTERATIONS—3 story and base, frame, \$6,000. San Francisco. Architect, Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, Prof. Hohfeldt. The building now located on Lake street near 4th avenue will undergo extensive alterations. There are at present three large flats contained in the building which will be rearranged for six modern apartments. The work will include new plastering, plumbing, painting and electric work as well as new interior finish. The exterior of the building will also be altered. Plans are being prepared.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, A. V. Dovenalo. The building, which has been designed to contain six flats, will be erected on Miguel street near Arlington. The lot has a frontage of 25 feet by a depth of 80 feet. Flats will consist of four rooms and bath each. Interiors will be finished in pine with some hardwood floors. Bath rooms will be finished in cement plaster. All living rooms will have a large open fire place with brick mantel. Tile will be used in the kitchens. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. The owner is the market for all materials.

HOTEL—3 story and base. Class C construction, \$25,000. San Francisco. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner's name withheld. The building will be erected on Golden Gate avenue near Hyde street, and will have a frontage on Golden Gate avenue of 48 feet and a depth of 68 feet 9 inches. The first floor will be arranged for stores and upper floors for hotel purposes. Plans provide for a total of 30 guest rooms and a number of baths. Interior finish will be of pine and hardwood. There will be steam heat and a hot water system. Bath rooms will have cement floors and tile wainscot. Marble, tile and terrazzo will also be used. Exterior of the building will be faced with cement plaster. Store will have plate glass display windows in patent store fronts. Plans are now being prepared.

HOTEL—7 story and base. Class A construction, \$125,000. San Francisco. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owners, George Haas Realty Co. The building will be erected at the southwest corner of 5th and Stevenson streets and will cover a large area, the owners having recently secured additional property. There will be a number of stores on the first floor besides the hotel entrance, lobby and offices. Upper floors will be arranged for a total of 114 guest rooms, a number of which will have private baths. There will be a complete steel frame with brick exterior walls, faced with pressed brick and terra cotta. Plans provide for steam heat, elevator service, hot water system, vacuum cleaning plant and metal window

frames and sash. Interior will be finished in pine and hardwoods and ornamental plaster. Bath rooms will have cement floors and tile wainscot. There will be sidewalk doors, lifts and lights and patent store fronts. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. L. McDowell, 630 40th Ave., S. F. The dwelling will be erected on 40th avenue and has been designed for a seven-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

BUNGALOWS—3, 1 story and base, frame, \$1,400 each. San Francisco. Architect, none. Owner, James F. Hefferman, 59 Santa Marina avenue, S. F. These houses have been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be large open fire places in the living rooms. Brick mantels are specified. Bath rooms will be finished in cement plaster. Some tile will be used in the kitchens. Exteriors will be covered with rustic and shingles. Plans are in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, E. Ginley, 131 5th Ave., S. F. This dwelling has been designed for an eight-room house with bath and sleeping porch, and will be erected on 9th avenue north of Clement street. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

STATE HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Sacramento. Owners, State of California. The following are the low men on the six pieces of State Highway Work, bids for which were opened on June 30th. Contracts have not been awarded:

El Dorado County—State highway between Shingle Springs and El Dorado, five miles, water-bound macadam; Arthur S. Lyons and Ira N. Burke, Smith's Flat, lowest bidder, \$31,756.90; engineer's estimate, \$19,372.33.

San Mateo County—Grading two-mile strip between Cypress Lawn Cemetery and South San Francisco, lowest bid, Mahoney Bros., San Francisco, \$17,412.05 engineer's estimate, \$25,285.77.

Santa Clara County—Constructing road between Morganhill and Gilroy, seven and a half miles; E. O. Burge, Sacramento, lowest bidder; \$32,860.60; engineer's estimate, \$44,436.23.

Santa Barbara County—Construction of twelve miles of highway between Los Alamos and a point one and a quarter miles north of Bicknell Station; lowest bid \$91,148.50; by Mayer & Lewis of Venice; engineer's estimate, \$96,550.95.

San Luis Obispo County—Construction of highway between San Luis Obispo and Santa Margarita, six and a half miles, E. O. Burge, Sacramento, lowest bidder, \$53,335; engineer's estimate, \$46,211.33.

San Bernardino County—Construction of highway between the westerly boundary of the county and running by way of Ontario, six and a half miles; Benton & Pennebaker, Los Angeles, lowest bidder, \$37,851.10; engineer's estimate, \$49,266.12.

No road work is being ordered by the Commission until the money for its completion is available for use by the Commission.

WATER PIPE LINE—\$10,000. Yerba Buena Island, Cal. Engineer, Dept. of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been completed and figures are now being taken for the construction of a pipe line from Yerba Buena Island to Oakland. Bids will be opened on August 2nd. Plans can be secured from the Commandant of the Naval Training Station, San Francisco, or from the Dept. of Yards and Docks, Washington, D. C. An official proposal appears in another column of this issue.

STORES AND LOFT—2 story and base. Class C construction. Cost not stated. San Francisco. Architect, Theo Tenzen, Humboldt Bank Bldg., S. F. Owner, Mr. McGovern. This building will be erected on upper Market street near Van Ness avenue, and will cover a considerable ground area. The entire structure has been leased to A. Freed, a dealer in motor cycles. Interior will be finished in pine. There will be patent store fronts and plate glass windows. Metal window frames and sash will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

OFFICE ADDITIONS—2, 3 story wings. Class A construction, \$125,000. San Francisco. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owners, Metropolis Life Insurance Co. This work has been mentioned here before. At that time it was proposed to add to the height of the building, but this plan has since been abandoned, and two wings each 22½x94 feet will be constructed, one at each end of the building. There will be a complete steel frame with exterior walls of concrete and brick, faced with mat glazed terra cotta. Interior will be handsomely finished in hardwoods, marble and metal trim. There will be a basement and sub-basement. Plans will be completed and ready for figures within a month.

FURNISHING AND FABRICATING STRUCTURAL STEEL AND IRON—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for the furnishing and fabricating of the structural steel and iron work in connection with the construction of the Fine Arts Building have been completed and are now out for figures. Bids will be opened by the Buildings and Grounds Committee on

July 24th. Plans can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

FOUNDATION WORK—City Hall. Class A construction. Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Plans for the foundation work, concrete footings and finishing excavation for the City Hall Building have been approved by the Board of Public Works. Bids are now being called for and will be opened on July 11th. Plans can be secured from the architects. An official proposal appears in another column of this issue.

Grass Valley P. O. Bids Are Opened.

Two Local Firms and One Sacramento Firm Bid on Work. Campbell & Turner Low Men.

(By Special Wire.)

Only three bids were received on June 30th by the Supervising Architect, Oscar Venderoth at Washington, D. C., for the construction of the Grass Valley Post Office. All three bids were received from California contractors, two local firms and one Sacramento firm bidding. Alternative propositions were asked for, one for facing the building with limestone and the other for sandstone facing. Campbell & Turner of Sacramento were low at \$77,480. The following is a list of bids received by wire from Washington:

Grass Valley Post Office.

Gallagher & Wygant, S. F., Limestone, \$89,000; Sandstone, Campbell & Turner, Sacramento, Limestone, \$77,480; Sandstone, \$77,480.
B. J. Duffy, S. F., Limestone, \$89,189; Sandstone, \$89,189.

No contracts have been awarded.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
2409	Spotorno	Williams	6321
2410	Gray	Leigh	1545
2411	Bianchi	Roland	23284
2412	de Succa	Hull	3600
2413	Hibernia	Hull	1000
2414	Doyle	Doyle	5945
2415	Fraser	Fraser	750
2416	Kuhlman	Kuhlman	1750
2417	Ratto	Ratto	400
2418	McCormick	McCormick	1700
2419	Heffernan	Heffernan	1400
2420	Heffernan	Heffernan	1400
2421	Stern	Stern	7000
2422	Crocker	Hock	5945
2423	Grosch	Sibley	2000
2424	P. P. I. Exp.	Lindgren	70000
2425	Same	U. S. Steel	164835
2426	Same	Daniel	13847
2427	Same	Streitlow	13847
2428	Conlin	Hule	1550
2429	Brown	Evans	2425
2430	Bayly	F. Dayson	500
2431	Heyman	Heyman	1500
2432	Schimperman	Drew	600
2433	Pac Gas & Elec.	Colman	27000
2434	Phekan	Scully	1000
2435	Same	Same	2500
2436	Dolliver	Plant	2000
2437	Winterburn	Hernstein	1000
2438	Furnanz	Carlson	2100
2439	Diracato	Amoroso	8340
2440	Wilson	Beck	1450
2441	Pedone	Bonaccorso	4100
2442	Guerrero Rity	Nelson	2900
2443	Drifese	Deber	500
2444	Cavaglieri	Cavaglieri	1000
2445	Breekwohld	Breekwohld	500
2446	Grimshaw	James	400
2447	Carlsen	Carlsen	3000
2448	Mulcahy	Mulcahy	3500

2449	McDowell	McDowell	2500
2450	Kreemayer	Kreemayer	1000
2451	Cottrell	Cottrell	500
2452	Baker	Disston	2642
2453	Briel	Stevenson	1600
2454	Boas	Coburn	4257
2455	Poodle Dog	Narbeling	1025
2456	Bos	Farrell	5750
2457	Schleicher	Kearns	10750
2458	Same	Veyhle	4160
2459	Same	Plastinger	4600
2460	Jungblut	Hock	2375
2461	Same	Shepard	1020
2462	Same	Hennings	7657
2463	Same	Klahn	4037
2464	McCarthy	Jones	3900
2465	Farnham	McCausland	5600

(2409) NW GREAT HIGHWAY AND Norela S 192-8 N 100 W 100 S 50 W 95-2½ S 50-0%. Grading, foundation, frame, mill, cement floors and rear cement steps, brick chimney, patent flues, roof for frame residence. Owner.....G. P. Spotorno, California Market, San Francisco. Architect.....O. R. Thayer, Merchants' Nat'l Bank Bldg., S. F. Contractor.....Howard S. Williams, Hearst Bldg., S. F.

Filed June 30, '13. Dated June 28, '13. Foundation in and lumber on ground\$ 331
Frame up 1073
Roof on 1073
Standing finish on 1073
Work of this contract completed 1073
Usual 35 days 1708
TOTAL COST, \$6831
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2410) W SIXTEENTH AVE, bet Clement and Geary to E 16th Ave 25 S Anza S 25x E 90. Moving, altering and repairing, except gas and electric fixtures and shades for five-room cottage to be moved. Owner.....John Gray, 447 Broderick, San Francisco.

Architect.....None.
Contractor.....Leigh & Schultz, 330 8th Ave., San Francisco.
Filed June 30, '13. Dated June 19, '13. Brown coated\$578.75
Completed and accepted 580.00
Usual 35 days 386.25
TOTAL COST, \$1545.00
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2411) S WASHINGTON 98-9 W Front W 30xS 120. All work for four-story and basement reinforced concrete building.

Owner.....The Bianchi Poultry and Produce Co., 317 Washington, San Francisco.

Designer.....J. Grace.
Contractor.....F. Rolandi, 550 Montgomery, San Francisco.

Filed June 30, '13. Dated June 28, '13. 1st floor poured.....\$5303.25
3rd floor poured 5303.25
Roof on 5303.25
Accepted 5303.25
Usual 35 days 7071.00
TOTAL COST, \$23,284.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(2412) S TWENTY-SIXTH 80 W Mission. Concrete, plaster, mill, marble, plumbing, painting, lumber and labor for two-story frame residence (owner to furnish finish hardware, mantel shades and gas and electric fixtures). Owner.....Jas. & Jennie M. de Succa, 3000 Mission, S. F.

Architect.....Jos. Holl.
Contractor.....Jos. Holl, 161 Precita Ave., San Francisco.

Filed June 30, '13. Dated June 23, '13. Frame up\$900

Brown coated 900
 Standing finish 900
 Completed and accepted 900
 TOTAL COST, \$3600
 Bond, limit, forfeit, none. Plans and specifications, none.
 NOTE:—1st report June 30th No. 2397.

(2413) SE CALIFORNIA & SPRING.
 Alter front and partition.
 Owner.....Hibernia Loan & Savings Company.
 Architect...None.
 Contractor, J. H. Hjul, Merchants' Exchange Bldg., S. F.
 COST, \$1000

(2414) N RICHLAND 179-6 W Andover. One-story and basement frame dwelling.
 Owner.....Joseph Doyle, 339 Richland Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$500

(2415) SW FILBERT AND LAGUNA. Repair stores.
 Owner.....S. P. Francis, 2931 Laguna, San Francisco.
 Architect...Theodore W. Lenzen, Humboldt Bank Bldg., S. F.
 Day's work. COST, \$750

(2416) W DOUGLASS 76 S 22nd. One-story and basement frame dwlg.
 Owner.....E. H. Kuhlman, 1108 Steiner, San Francisco.
 Architect...None.
 Day's work. COST, \$1750

(2417) NO. 174 SPRINGDALE. Move and raise dwelling and build concrete foundation and underpin.
 Owner.....J. Ratto, Promises.
 Architect...None.
 Day's work. COST, \$400

(2418) N NEY 125 W Congdon. One and one-half-story and basement frame dwelling.
 Owner.....T. McCormick, 25 Gladys, San Francisco.
 Architect...None.
 Day's work. COST, \$1700

(2419) W ROUSSEAU 125 S Bosworth. One-story and basement frame residence.
 Owner.....Jas. F. Hefferman, 59 Santa Marina Ave., S. F.
 Architect...None.
 Day's work. COST, \$1400

(2410) W ROUSSEAU 100 S Bosworth. One-story and basement frame residence.
 Owner.....Jas. F. Hefferman, 59 Santa Marina Ave., S. F.
 Architect...None.
 Day's work. COST, \$1400

(2421) W SEVENTH AVE 127-6 S California. Three-story and basement frame (6) flats.
 Owner.....S. J. Sterner, 3828 19th, San Francisco.
 Architect...None.
 Day's work. COST, \$7000

(2422) SE JESSIE AND ECKER E 110 S 50 W 47 S 26 W 63 N 75. Alterations and additions to warehouse building including brick, concrete, framing and roofing.
 Owner.....Wm. H. Crocker.
 Architect...Phillip Overman, Shreve Bldg., San Francisco.
 Contractor...Chas. H. Hack, 1788 Fell, San Francisco.

Filed July 1, '13. Dated June 30, '13.
 Brick work completed.....\$2229
 Completed and accepted..... 2229
 Usual 35 days..... 1487
 TOTAL COST, \$5945
 Bond, none. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(2423) N SUTTER 100 W Powell N 137-6XW 37-6. Grading, etc., for hotel building.
 Owner.....Milton D. Grosh, Elizabeth G. Larzelere, Louise M. Sage.
 Architect...N. W. Sexton, Chronicle Bldg., San Francisco.
 Contractor...Sibley Grading & Teaming Co., 180 Jessie, S. F.
 Filed July 1, '13. Dated July 1, '13.
 On completion of excavation and bulkheading\$1250
 35 days after completion of same 500
 On completion of all re-filling work and removal of bulkheading 250
 TOTAL COST, \$2000
 Bond, none. Limit, 22 days. Forfeit, \$20. Plans and specifications filed.

(2424) BLK BDED BY HAYES, POLK, Grove and Larkin. Excavation, foundation, concrete and cement work for Exposition Auditorium Building.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...John Galen Howard, F. H. Meyer and John Reid Jr., 604 Mission, San Francisco.
 Contractor...Lindgren Co., Monadnock Bldg., San Francisco.
 Filed July 1, '13. Dated June 24, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$70,000
 Bond, \$40,000. Surety, Pacific Coast Casualty Co. Limit, 120 days. Forfeit, \$50. Plans and specifications filed.

(2425) FURNISHING, FABRICATING and erecting structural steel and cast iron work on above.
 Contractor...United States Steel Products Co., Rialto Bldg., San Francisco.
 Filed July 1, '13. Dated June 26, '13.
 Payments same as above.....
 TOTAL COST, \$164,835
 Bond, \$85,000. Surety, United States Fidelity & Guaranty Co. Limit, 110 days. Forfeit, \$150. Plans and specifications filed.

(2426) EXPOSITION SITE. Plumbing, sewer, gas and water pipe for Mines Building.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...Bliss & Faville, Balboa Bldg., San Francisco.
 Contractor...Robert Dalziel Jr., 218 1st, San Francisco.
 Filed July 1, '13. Dated June 24, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$13,847
 Bond, \$8,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days. Forfeit, \$10. Plans and specifications filed.

(2427) EXPOSITION SITE. ALL WORK except piling, plumbing, sewers, gas and water pipes, electric work for Varied Industries Building.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...Bliss & Faville, Balboa Bldg., San Francisco.
 Contractor...Strehlow, Freese & Petersen, Terminal Hotel, S. F.
 Filed July 1, '13. Dated June 24, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$193,129
 Bond, \$105,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days. Forfeit, \$100. Plans and specifications filed.

(2428) N NATOMA 125 W Fifth 100 on Natoma x 80. Excavating, grading, filling, back filling, bulkheading, shoring, excavating for piers and footings for three-story warehouse.
 Owner.....Jas. Conlin.
 Architect...None.
 Contractor...E. M. Huie & Co., Monadnock Bldg., San Francisco.
 Filed July 1, '13. Dated June 30, '13.
 On 1st of each month..... 75%
 Usual 35 days, 25%.....\$387.50
 TOTAL COST, \$1550.00
 Bond, \$775. Surety, United States Fidelity & Guaranty Co. Limit, 20 days. Forfeit, \$25. Plans only filed.

(2429) E CURTISS, LOT 40 BLK 5, Crocker Amazon Tract. All work for one and one-half-story bungalow.
 Owner.....Veronica M. Brown and Meta Makan.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Contractor...Oliver Evans.

Filed July 1, '13. Dated June 30, '13.
 Frame up\$606.25
 Brown coated 606.25
 Completed and accepted 606.25
 Usual 35 days..... 606.25
 TOTAL COST, \$2425.00
 Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2430) NE LOMBARD AND PIERCE. Partitions to be removed, patch plaster, plumbing fixtures and install door and sash.
 Owner.....G. Bayly, Premises.
 Architect...None.
 Contractor...M. M. Finlayson, 110 Jessie San Francisco.
 COST, \$500

(2431) NW SEARS 285 SW Sicles. One and one-half-story and basement frame dwelling.
 Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
 Architect...None.
 Day's work. COST, \$1500

(2432) NO. 1672 FIFTEENTH. General repairs to laundry.
 Owner.....Schlimpferman Bros., Prem.
 Architect...None.
 Contractor...Drew & Co., 48 Ramona Ave., San Francisco.
 COST, \$600

(2433) E EIGHTH 80 S Mission. Remove part of present building, extend one story and gallery, also erect one story Class "A" addition.
 Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
 Architect...Frederick H. Meyer, Bankers' Investment Bldg., S. F.
 Contractor...Colman & Colman, 110 Jessie, San Francisco.
 COST, \$27,000

BUILDING AND INDUSTRIAL NEWS

(2434) NW BATTERY AND MARKET. Alter position of elevator and erect stairs.

Owner.....Mary L. Phelan, Phelan Bldg., San Francisco.
Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.
Contractor...J. E. Scully, 666 Phelan Bldg., San Francisco.
COST, \$1000

(2435) NOS. 516-518 MARKET. Alter and change position of elevator and stairway, change and alter store front so as to make entry from street

Owner.....Mary L. Phelan, Phelan Bldg., San Francisco.
Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.
Contractor...J. E. Scully, Phelan Bldg., San Francisco.
COST, \$2500

(2436) E SPRUCE 100 S Washington. Remove and erect new marble steps, garage with concrete floor under same, extend two rooms, build new conservatory, dressing room to be changed to bath room, new roof on porch, wiring for electric lights, install Rector System of heating.

Owner.....Sewall Dolliver, 365 Washington, San Francisco.
Architect...Welch & Carey, Merchants National Bank Bldg., S. F.
Contractor...Wm. Plant, 24th & Douglas, San Francisco.
COST, \$2000

(2437) TAYLOR AND COSMO PLACE. Painting, papering and tinting for rooming house.

Owner.....Josephine Winterburn, 2123 Pine, S. F. by Continental Fireproofing Co., Balboa Bldg., San Francisco
Architect...None.
Contractor...Wm. Bernstein, 1325 Fulton, San Francisco.
Filed July 2, '13. Dated June 30, '13.
Payments not given.
TOTAL COST, \$1000
Bond, limit, forfeit, none. Plans and specifications, none.

(2438) E BOCANA AVE 125 S Courtland Ave. All work except shades, mantel and gas fixtures for one and one-half-story frame cottage.

Owner.....Mary and Jos. M. Furnanz, 321 Bocana Ave., S. F.
Architect...None.
Contractor...Gust Carlson.
Filed July 2, '13. Dated July 1, '13.
Frame up and roof on.....\$375
Brown coated 500
Finished 700
Usual 35 days..... 525
TOTAL COST, \$2100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2439) S UNION 55 E Taylor E 27-6x S 160. All work except grading and concrete work for three-story and basement frame flats.

Owner.....Matteo, Peter and Jos. Brocato, 2010 Fillmore, San Francisco.
Architect...Chas. Fantoni, 916 Kearny, San Francisco.
Contractor...Frank C. Amoroso, 1333 Kearny, San Francisco.
Filed July 2, '13. Dated June 18, '13.
Building roofed\$2085
Brown coated 2085
Completed and accepted..... 2085
Usual 35 days..... 2085
TOTAL COST, \$8340

Bond, \$4170. Sureties, National Surety Co. Limit, 90 days after foundation ready. Forfeit, \$5. Plans and specifications filed.

(2440) S TURK 74 W Taylor W 63-6x S 137-6. Brick, masonry, carpenter, roofing, flashing, galvanized iron and sheet metal work, etc., for alterations and additions to one-story brick and frame building.

Owner.....A. W. Wilson.
Architect...C. A. Neussdorffer, Humboldt Bank Bldg., S. F.
Contractor...John E. Beck, 110 Jessie, San Francisco.
Filed July 2, '13. Dated June 27, '13.
New brick fire walls topped.....\$550.00
Completed and accepted..... 537.00
Usual 35 days..... 362.50
TOTAL COST, \$1450.00

Bond, \$725. Sureties, P. P. Quinn and E. J. Serna. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2441) W FOLSON 450 N Stoneman N 25xW 50. All work except grading and concrete work for two-story and basement frame flats.

Owner.....Giuseppe Pedone, 64 Manchester, San Francisco.
Architect...Chas. Fantoni, 916 Kearny, San Francisco.
Contractor...Francesco Bonaccorso, 376 Moultrie, San Francisco.
Filed July 2, '13. Dated June 30, '13.
Roofed\$1025
Brown coated 1025
Completed and accepted..... 1025
Usual 35 days..... 1025
TOTAL COST, \$4100

Bond, \$2050. Surety, The Greater City Lumber Co. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(2442) S ALVARADO 155 W Castro. One and one-half-story and basement frame residence.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.
Architect...None.
Contractor...Emil Nelson, 580 Jersey, San Francisco.
COST, \$2000

(2443) NO. 1251 ELLIS. Erect partitions and repair plumbing.

Owner.....A. Detheliesen.
Architect...A. I. Coffey, Humboldt Bank Bldg., S. F.
Day's work. COST, \$500

(2444) W KANSAS 175 N 19th. One-story and basement frame dwelling.

Owner.....G. Cavaglieri, 593 Potrero Ave., San Francisco.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Day's work. COST, \$1000

(2445) S BURROWS 30 W Girard. One-story and basement frame dwlg.

Owner.....John F. Breckwold, 209 Burrows, San Francisco.
Architect...None.
Day's work. COST, \$500

(2446) NO. 422 HOLLOWAY AVE. General alterations and repairs to store and residence.

Owner.....Mrs. Grimshaw, Premises.
Architect...None.
Contractor...James Son, 1501 Valencia, San Francisco.
COST, \$400

(2447) SE ALMA AND SCHRAEDER. One-story and basement frame residence and store.

Owner.....M. F. Cariss, 224 Haight, San Francisco.
Architect...C. Withers, Stanford Court San Francisco.
Day's work. COST, \$3000

(2448) SW ELLIS AND BOURBIN. Alter flats and stores into (12) apartments.

Owner.....B. Mulcahy, 1755 Ellis, San Francisco.
Architect...J. J. Foley, 46 Kearny, San Francisco.
Contractor...Mulcahy Bros., 180 Jessie, San Francisco.
COST, \$3500

(2449) E FORTIETH AVE 225 S Anza Two-story and basement frame dwlg.

Owner.....F. L. McDowell, 630 40th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2500

(2450) E MONTICELLO 150 N Shields. One-story and basement frame dwlg.

Owner.....Chas. Kreesmayer, Cor. Knox and Silliman, S. F.
Architect...None.
Day's work. COST, \$1000

(2451) NO. 35 ALVARADO. Concrete foundation and underpin and general repairs.

Owner.....Richard Cottrell, 4 Mars, San Francisco.
Architect...None.
Day's work. COST, \$500

(2452) W BAKER 112-6 S Lombard S 25xW 110-6. Concrete, carpenter, plaster, plumbing, painting, tinning and electric work for one-story pool room building.

Owner.....Fletcher Baker, 345 10th Ave., San Francisco.
Supt.....Mr. Atwell.
Contractor...Disston & Hatfield, 322 Parnassus Ave., S. F.
Filed July 3, '13. Dated June 28, '13.
Frame up\$660.50
Rough coat plaster on..... 660.50
Completed and accepted..... 660.50
Usual 35 days..... 660.50
TOTAL COST, \$2642.00

Bond, none. Limit, 66 days. Forfeit, none. Plans and specifications filed.

(2453) S OAKDALE AVE 200 E Rankin S 100xE 37-6. Cement, carpenter, plumbing, painting, plaster, tin, chimneys hardware, etc., for four-room and basement frame cottage.

Owner.....Jno. H. and Anna A. Briel, 1933 Oakdale Ave., S. F.
Designer...Stevenson & Gowan, 136 Girard, San Francisco.
Contractor...Stevenson & Gowan, 136 Girard, San Francisco.
Filed July 3, '13. Dated July 2, '13.
Frame up\$500
Brown coated 500
Completed 500
Usual 35 days..... 300
TOTAL COST, \$1600

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2454) NO. 2221 PACIFIC AVE. Alterations and addition to residence.

Owner.....Judah Boas, 454 Montgomery, San Francisco.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.



NEW LINCOLN SCHOOL BUILDING
San Francisco

City Department of Architecture
San Francisco

Building and Industrial News
July 9, 1913

PLATE A



PROPOSED BUILDING FOR THE TELEPHONE HERALD
Sacramento, Cal.

A. Willoner, Architect
Sacramento, Cal

Contractor...Ira W. Coburn Inc., Hearst Bldg., San Francisco.

Filed July 3, '13. Dated July 3, '13.
Additions framed and sheathed...\$1060
Brown coated 1070
Completed and accepted..... 1060
Usual 35 days..... 1067

TOTAL COST, \$4257
Bond, none. Limit, Aug. 7, '13. Forfeit, none. Plans and specifications filed.

(2455) SW POLK AND HEMLOCK.
Alterations for automobile entrance to building.

Owner....The New Poodle Dog, Inc., Post and Polk, S. F.
Architect...Fabre & Bearwald, Western Metro. Bank Bldg., San Francisco.

Contractor...Jacques Narberbury.
Filed July 3, '13. Dated July 3, '13.
Completed and accepted.....\$765
Usual 35 days..... 260

TOTAL COST, \$1025
Bond, none. Limit, 20 days after July 7. Forfeit, none. Plans and specifications filed.

(2456) N GREEN 56-6 E Leavenworth.
Brick and concrete work for brick and concrete building.

Owner.....The George A. Bos Co., Crocker Bldg. S. F.
Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...Farrell & Reed, M. A. Gunst Bldg., S. F.
Filed July 3, '13. Dated June 27, '13.
2nd floor walls completed.... 37 1/2 %
All work completed..... 37 1/2 %
Usual 35 days..... 25 %

TOTAL COST, \$5750
Bond, \$4750. Sureties, Athol McBean and Geo. R. Chambers. Limit, 30 days. Forfeit, none. Plans only filed.

(2457) N GEARY 137-5 W Larkin 47-6x137-6. Lumber, labor, carpenter, stairs, rough hardware, etc., for six-story steel frame Class "C" building.

Owner.....A. F. Schleicher, 1124 O'Farrell, San Francisco.
Architect...Dunn & Kearns, Monadnock Bldg., S. F.

Contractor...Kearns & Finnegan.
Filed July 3, '13. Dated Apr. 23, '13.
3rd story joists on.....\$1897.50
Roof on 2555.00
Ready for lathing..... 1555.00
Completed and accepted..... 2055.00
Usual 35 days..... 2687.50

TOTAL COST, \$10,750.00
Bond, \$5500. Sureties, Jas. Hurley and Eugene McCoy. Limit, 40 days. Forfeit, \$10. Plans and specifications filed.

(2458) MILL WORK, EXCEPT SIMPLEX saah, hand seats and ten drop tables on above.

Contractor...Veyhle & Collins, 551 Brannan, San Francisco.
Filed July 3, '13. Dated May 21, '13.
On 1st of each month..... 75 %
Usual 35 days..... 25 %

TOTAL COST, \$4160
Bond, limit, forfeit, none. Plans and specifications filed.

(2459) LATHING, PLASTERING ON above.

Contractor...Pacific Plastering Co.
Filed July 3, '13. Dated May 21, '13.
When lathed\$1864
Scratched coated 1861
Brown coated 1861
Completed and accepted..... 1861
Usual 35 days..... 2483

TOTAL COST, \$3930

Bond, \$4965. Surety, Chas. A. Meinert. Limit, 40 days. Forfeit, \$10. Plans and specifications filed.

(2460) SW SACRAMENTO AND DEVISADERO W 110xS 26-7. Excavation, brick, concrete, terrazzo, mosaic, slide walk lights, trap doors, etc., for two-story and basement frame stores and flats.

Owner.....Jungblut Estate Co., 333 Fillmore, San Francisco.
Architect...Salfeld & Kohlberg, Clunie Bldg., San Francisco.

Contractor...Chas. Hock, 180 Jessie, San Francisco.
Filed July 3, '13. Dated June 27, '13.

Foundation walls in.....\$1500
Completed and accepted..... 655
Usual 35 days..... 720

TOTAL COST, \$2875
Bond, \$1437.50. Sureties, Charles A. Carelton and L. A. Hinson. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(2461) GAS FITTING AND PLUMBING on above.

Contractor...Shepard Bros., California and Kearny, S. F.

Filed July 3, '13. Dated June 27, '13.
One-half rough work in.....\$225
All rough work in..... 225
Completed and accepted..... 315
Usual 35 days..... 255

TOTAL COST, \$1020
Bond, \$510. Sureties, Wm. Shepard and Fanny Shepard. Limit, so as to cause no delay. Forfeit, \$10. Plans and specifications filed.

(2462) IRON WORK, PATENT CHIMNEYS, mantels, carpenter, mill work, tiling, marble work, hardware, glazing, tinning, lath, plaster and electric work on above.

Contractor...Adolf Hennings, 1006 Noe, San Francisco.

Filed July 3, '13. Dated June 27, '13.
Frame up\$1500
Ready for plaster..... 1265
White coated 1000
Standing finish on..... 1000
Completed and accepted..... 1000
Usual 35 days..... 1922

TOTAL COST, \$7687
Bond, \$3843.50. Sureties, Jas. Brennan and Wm. Campe. Limit, 60 days after basement walls done. Forfeit, \$10. Plans and specifications filed.

(2463) S KIRKHAM 57-6 E 10th Ave E 25xS 100 OL 777. All work for two-story frame store and flat.

Owner.....Minnie Thompson, 938 Oak, San Francisco.

Supt.....A. Klahn, 27 Chenery, S. F.
Contractor...A. Klahn & Son, 27 Chenery, San Francisco.

Filed July 3, '13. Dated June 16, '13.
Frame up\$ 750
Brown coated 750
Outside finish on..... 750
Finished 750
Usual 35 days..... 1037

TOTAL COST, \$4037
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(2464) NE BUSH & STOCKTON N 78x E 88-10. Underpinning Victoria Hotel

Owner.....Harriet McCarthy.
Architect...W. D. Shea, 244 Kearny, San Francisco.

Contractor...Fred C. Jones, Lick Bldg., San Francisco.

Filed July 3, '13. Dated June 30, '13.
Completed and accepted.....\$6676

Usual 35 days..... 2225

TOTAL COST, \$3900
Bond, \$4450. Sureties, N. H. Pearson and Jas. I. Egan. Limit, 75 days after July 1. Forfeit, \$10. Plans and specifications filed.

BUILDING OPERATIONS.

Private building operations throughout the city for the month of June, as reported by the Bureau of Building Inspection of the Board of Public Works, show a total of 456 permits issued, amounting to \$1,675,554. Complete report as follows:

JUNE, 1913.		
Class	No. of Bldgs.	Amount
Class "A"	3	\$252,297
Class "C"	25	689,203
Frames	164	575,981
Alterations	264	158,073
Total	456	\$1,675,554
JUNE, 1912.		
Class "A"	1	\$100,000
Class "B"	1	354,000
Class "C"	21	679,767
Frames	208	721,364
Alterations	283	199,411
Total	514	\$2,054,542

COMPLETION NOTICES.

SAN FRANCISCO.

June 21, 1913—S SUTTER 187-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to J A Orford and Morrison & Co.....June 20, 1913

June 23, 1913—NW HOWARD 370 SW Third SW 40xNW 80. Clara Bibbero to Leaf & Kalsner, W Heldt Cornice Works.....June 19, 1913

June 23, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Investment Co to P J Lynch.....June 19, 1913

Holden to whom it may concern.....June 23, 1913

June 23, 1913—W ANDERSON 50 N Tompkins Ave N 25x70. St. GeorgeJune 20, 1913

June 23, 1913—W ANDERSON 75 N Tompkins Ave N 25x70. St. George Holden to whom it may concern.....June 20, 1913

June 23, 1913—SE CALIFORNIA & Leidesdorff. The Insurance Exchange to Farrell & Reed. June 21 '13

June 24, 1913—LOTS 50 AND 51 BLK 5, Crocker Amazon Tract. Arthur G Duncan to L L Allen. June 23, 1913

June 24, 1913—GEARY NO. 5026-28. James Elliott to James Elliott.....June 21, 1913

June 24, 1913—S SACRAMENTO 80 E Franklin E 32-9xS 87-8 1/2. William and Alexander Mensor to whom it may concern.....June 23, 1913

June 24, 1913—S SACRAMENTO 80 E Franklin E 32-9xS 87-8 1/2. William and Alexander Mensor to The Hill Co and H A Chalmers Inc.....June 25, 1913

June 25, 1913—W NINTH AVE 150 N California N 25xW 120. Franklin L Colton to Walter G Glunz.....June 24, 1913

June 25, 1913—N ROLPH 203 W Madrid. Crocker Amazon Tract. Schroder & Allis to Schroder & Allis.....June 20, 1913

June 25, 1913—W TWENTY-FIRST Ave 225 S Geary S 25xW 120. Glenn A Ball to Geo F Cleese. June 23, 1913

June 25, 1913—W HARRIET 250 N Brannan N 22xW 80. No. 350 Harriet. Ignatz Gelger to whom it may concern.....June 21, 1913

June 26, 1913—SE TAYLOR AND Falcon E 74xS 50. J P Lorden to Higginson Co. Inc. June 23, 1913

June 26, 1913—SE SACRAMENTO & Buchanan E 50xS parallel with Buchanan 127-8 1/4 WA 236. Joseph Sockolov to whom it may concern. June 25, 1913

June 26, 1913—NE VAN NESS AVE and California N 142-2 1/4xE 100. Royal Investment Co to J J Philbin. June 26, 1913

June 26, 1913—SE CALIFORNIA AND Gough E 72-6xS 100. Sylvain Schnalttacher to Brandon & Lawson. June 17, 1913

June 26, 1913—S ARMY 76-4 1/2 E Diamond E 25-5 1/2xS 114 HA 179. Alfred Anderson to whom it may concern. June 26, 1913

June 26, 1913—N SACRAMENTO 137-6 E Polk E 30xN 127-8 1/4. Philip Yager to whom it may concern. June 25, 1913

June 26, 1913—E FOURTH AVE 60 S Balboa S 25xE 95. Chas J McDonnell to whom it may concern. June 26, 1913

June 26, 1913—NW BUSH & Sansome N 137-6xW 67-6. Standard Oil Co to L A Hinson. June 21, 1913

June 26, 1913—NE PINE & JONES N 82-6xE 43. Theo J Roche to H Maundrell. June 25, 1913

June 26, 1913—W NINTH AVE 75 N Ortega N 25x107-6. William G Zupar to whom it may concern. June 26, 1913

June 26, 1913—W MISSION 160 S 18th S 25xW 160. Frederick Esdras Mersereau to H E & T W MacArthur. June 26, 1913

June 26, 1913—N FILBERT 164-6 W Devisadero W 27xN 157-6. Chas D McGettigan to W W Rednall. June 26, 1913

June 27, 1913—NE PINE AND JONES N 82-6xE 43. Theo J Roche to John G Sutton Co. June 26, 1913

June 27, 1913—S CALIFORNIA 150-6 E Franklin E 28xS 137-6. Badge J Wyman to whom it may concern. June 26, 1913

June 27, 1913—S CALIFORNIA 178-6 E Franklin E 28xS 137-6. Annie Green to A J Falvey. June 26, 1913

June 27, 1913—SE CLAY & POWELL S 68-9 E 59 N 68-9 — 59. Bert Schlesinger to Ira W Coburn, Inc. June 24, 1913

June 27, 1913—SE CLAY & POWELL S 68-9xE 59. Bert Schlesinger to Kiernan & O'Brien. June 24, 1913

June 27, 1913—S RICHLAND AVE 250 W Mission 25x300. Frank and Olga Buchn to W F Duffer. June 27, 1913

June 27, 1913—COMG. 135 N FROM NE Geneva Ave and Moscow N 25x E 100. Dakin & Kern to whom it may concern. June 27, 1913

June 27, 1913—E SAN GABRIEL AVE 50 S Capistrano Ave Lot 3 Blk "B" Mission Terrace. N F Nilsson to whom it may concern. June 27, 1913

June 27, 1913—W KEARNEY 134-11 N Washington N 50 W 50-5 N 0-2 W 57-6 S 50-2 E 107-11 W 31-32. Louis Friedman and Samuel Gerson to Wilson Elec Co. William Van Herick and W D & J L Hobro. June 21, 1913

June 28, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Investment Co to Antill Patent Window Co. June 26, 1913

June 28, 1913—BLK BDED S BY S Beach, E by W Scott, N by S Ton-

quin, W by E Broderick. Panama-Pacific International Exposition Co to The Mercer-Fraser Co. June 25, '13

June 28, 1913—BLK BDED S BY N Bay, E by W Steiner, N by S Beach W by E Scott. Panama-Pacific International Exposition Co to Contra Costa Constr Co. June 25, 1913

June 28, 1913—S TWENTY-THIRD 75 W York W 25 S 104 E 36 N 55-6 W 11 N 48-6 Ferro Bros to A De Benedetta & G Cuneo. June 28, 1913

June 30, 1913—NE CALIFORNIA & Sansome N 124 E 68-S S 54 W 23-8 S 70 W 45. The Alaska Commercial Bldg to Frank M Garden & Co. June 27, 1913

June 30, 1913—NW SACRAMENTO & Powell N 52xW 91-6. Clay M, Wm and Frances M Greene and Ursula G Sawyer to Ferd F Christ. June 28, 1913

June 30, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Investment Co to W P Fuller Co. June 27, 1913

June 30, 1913—NW VAN NESS AVE and Oak W 157-6 N 80 W 21 N 40 E 178-6 to W Line Van Ness Ave 120 to beg. The Masonic Temple Association of California to Mangrum & Otter. June 24, 1913

June 30, 1913—SE CLAY & POWELL S 68-9xE 59. Bert Schlesinger to John G Sutton Co. Completed — June 30, 1913—POST NO. 244. The S & G Gump Co to Ira W Coburn. June 26, 1913

June 30, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Investment Co to Otis Elevator Co. June 27, 1913

July 1, 1913—E POLK 27-6 N Filbert E 70xN 27-6. J L Scheper to whom it may concern. June 28, 1913

July 1, 1913—NE WASHINGTON & Octavia E 137-6xN127-8 1/4. A B Spreckels to Andrew Wilkie Co. June 24, 1913

July 1, 1913—NE VAN NESS AVE & California N 142-2 1/4xE 100. Royal Investment Co to Hicks & Flote. Completed — June 1, 1913—S TWENTY-NINTH 105 W Sanchez W 25x114. M T Fitzpatrick to Ira W Coburn Inc. June 27, 1913

July 1, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60 — 134 1/2 — 77-6. Wm F Wilson Estate to Macdonald & Kahn. June 30, 1913

July 1, 1913—W LEXINGTON 210 N 20th N 25xW 80. Harry and Eva Meyn to J S Malloch. July 1, 1913

July 1, 1913—S LINCOLN WAY 45 E 12th Ave S 100xW 45. Daniel and Mary V Foley to P J Cole. July 1, 1913

July 1, 1913—NE COLUMBUS AVE and Vallejo E 77-8 1/2xN 137-6. Roman Catholic Archbishop of S F to Chas Campbell. June 21, 1913

July 1, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to C C Morehouse. June 27, 1913

July 1, 1913—W NINTH AVE 150 N California N 25xW 120. Franklin I. Colton to Walter G Glunz. June 24, 1913

July 1, 1913—N SUTTER 122-9 W Sansome W 122-3xN 137-6. Chas Holbrook to W P Fuller Co. May 26, 1913

July 1, 1913—NW CORKLAND AND Prospect Ave 23-4x70. Sigurd and Thine Larsen to whom it may concern. June 28, 1913

July 1, 1913—N JACKSON, het Pre-

sidio Ave and Walnut; No. 3230 Jackson. John J Barrett to Jno M Bartlett. June 30, 1913

July 1, 1913—SE MARKET 45-10 SW Spear SW 45-10 SE 137-6 NW 137-6. Sommer & Kaufmann to Goodman Artificial Stone Co. June 27, 1913

July 2, 1913—NE VAN NESS AVE & California N 142-2 1/4xE 100. Royal Invest Co to Wm Wade. Completed — June 2, 1913—S CLAY 174-6 W Hyde 50x137-6. No. 1537 CLAY, D Casassa to J B Reite and B R Halling. June 24, 1913

July 2, 1913—NE CLAY AND FRONT N 27-6xE 120. Elsie A Drexler to Macdonald & Kahn. July 1, 1913

LIENS FILED.

San Francisco.

June 21, 1913—W LARKIN 127-8 1/4 N Jackson N 25xW 112. Thomas F Rigney vs Edward Lunstedt and George W Boston. \$152.50

June 24, 1913—W WINFIELD AVE — N Virginia N 25xW —, Lot 292 Gift Map No. 3. H S Thompson vs Mary Chesney and A W Burnett. June 24, 1913

June 24, 1913—SE HOWARD 133 SW Third SW 40xSE 80. P S Grassi & Co vs James P Sweeney and Bishop & Duarte. \$158.44

June 25, 1913—E DIAMOND 322-6 S 20th S 25xE 125. C H Beckman vs Bay Cities Home Bldg Co and C E Herrick Inc, Corp. \$70

June 25, 1913—E DIAMOND 372-6 S 20th S 25xE 125. C H Beckman vs Bay Cities Home Bldg Co and C E Herrick, Inc, Corp. \$150

June 25, 1913—E DIAMOND 347-6 S 20th S 25xE 125. C H Beckman vs Bay Cities Home Bldg Co and C E Herrick Inc, Corp. \$70

June 27, 1913—W THIRTY-FIFTH Ave 200 N Anza N 25xW 120. Louis C Ulrich vs Martha Petri, Harvey C Howes and Oscar Heyman & Bro. \$92.55

June 28, 1913—N GEARY 137-6 W Mason N 137-6xW 68-9. Mutual Constr Co vs Eva Metcalfe and Geo Metcalfe (husband). \$27,271.24

June 28, 1913—NE CARRILLO AND 47th Ave N 60x90 OL 335. A Sundberg vs Minnie Ladd. \$96.33

June 28, 1913—N GEARY 137-6 W Mason N 137-6xW 68-9. Righetti & Headman vs Eva Metcalfe and George Metcalfe (husband). \$4,557.50

June 30, 1913—E DIAMOND 372-6 S 20th S 25xE 125. W E Smith vs Bay Cities Home Bldg Co and C E Herrick Inc. \$47.50

June 30, 1913—E DIAMOND 347-6 S 20th S 25xE 125. W E Smith vs Bay Cities Home Bldg Co and C E Herrick Inc. \$42.50

June 30, 1913—E DIAMOND 322-6 S 20th S 25xE 125. W E Smith vs Bay Cities Home Bldg Co and C E Herrick Inc. \$42.50

June 30, 1913—BUSH NOS. 469 TO 471 26 on Bush through to Berry Place Frank F Budinsky vs W S Milisch and M K Nayeria and M Fleishacker. \$1042

July 2, 1913—N FULTON 110 W Franklin W 27-6xN 120. E M Coffin and E Martin (as Sterling Elec. Constr. Co.) vs Louis S Haas. \$75

July 2, 1913—SE SEVENTEENTH & Church E 30xS 93. Marshall & Stearns Co vs G D Patterson Co and J C Bernal. \$190

OAKLAND AND ALAMEDA

APARTMENT HOUSE—3 story and base, frame, \$16,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Block, Oakland. Owner Miss L. G. Simonsen. The building will be erected on 2nd avenue near 16th street. Interior has been arranged for two and three room suites with private bath rooms. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for steam heat. Bath rooms will be finished in cement plaster. All suites will have open fire places and tile or brick mantels. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$6,000. Oakland, Cal. Architect, William J. Wilkinson, 809 Alleen St., Oakland. Owner, Mrs. M. J. S. Chase. The dwelling will be erected on Keith avenue west of Broadway, and has been designed to contain 10 rooms, baths, and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,400. Oakland, Cal. Architect, none. Owner, George B. Davis, 2043 Rosedale Ave., Oakland. The dwelling will be erected on Linwood street near 38th, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

RESIDENCE—2 story and base, frame, \$10,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, Dr. Fenton, 678 14th St., Oakland. This dwelling will be erected on Mace avenue, and has been designed to contain eight rooms, bath and sleeping porch. A garage will be erected on the rear of the lot. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile with composition floors. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

RESIDENCE—2 story and base, frame, \$3,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, Western Union Home Builders, Oakland. The dwelling will be erected on Sunnyside avenue, and has been designed for a seven-room house with bath and

sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining and reception hall. There will be open fire places and furnace heat. Bath room will have tile wainscot. Mantel will be of brick. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners are now letting subcontractors.

BUNGALOW—1 story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, United Home Builders 1762 Broadway, Oakland. The bungalow has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the main living rooms. There will be a large open fire place with brick or tile mantel. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the bungalow will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$3,000. Oakland, Cal. Architect, C. S. Schwartz, Hayward. Owner, M. V. Rogers. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on 19th avenue between 23rd and 24th streets. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

BUNGALOW—1 story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The bungalow will contain five rooms and bath, and is to be erected at the southwest corner of Lake and Greenbank streets. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor.

ORNAMENTAL METAL WORK FOR CAMPANILE—Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Galen Howard, 602 Mission St., S. F. Owners, Regents of the University of California. Bids for the ornamental metal work on the Sather Campanile are being readvertised. New bids will be opened on July 16th. The official proposal appears in another column of this issue. No contracts on the other parts of this work have yet been awarded by the Regents.

2011	Blabon	Blabon	1300
2012	Kronberger	Fink	1000
2013	Henderson	Henderson	1000
2014	Bartheine	Legault	1500
2015	Eastin Offitg	Owner	800
2016	Hinch	Hinch	2500
2017	Simmends	Ord Blag	6000
2018	Caban	Ruesg	16000
2019	Giacomini	Dilane	2500
2020	Wilkinson	Palke	400
2021	Davis	Davis	3100
2022	Morrison	Grant	1500
2023	Leeflang	Leeflang	400
2023	Morse	Christiansen	7500
2026	Fletcher	Pfrang	3500
2027	Ottoson	Ottoson	1500
2028	Mansfield	Mansfield	2400
2029	Richardson	Hopper	500
2030	Arfsten	Arfsten	1850
2031	Nunan	Rich	2500
2033	English	Bernhardy	5060

(2006) W HIGH 440 N Carrington, Oakland. One-story 5-room dwelling. Owner.....Miss Alma Craig, Bkly. Architect.....None. Contractor.....C. L. Decker Co., 404 12th, Oakland. COST, \$2300

(2007) BONITA AVE 229 S Moraga. Piedmont. Two-story frame residence. Owner.....J. F. Bennett, Oakland. Architect.....None. Contractor.....W. H. Creighton, 466 Stow Ave., Oakland. COST, \$4500

(2008) SUNNYSIDE AVE AND OAKLAND AVE., Piedmont. Two-story frame residence. Owner.....Western Union Home Builders, Oakland. Architect.....None. Day's work.....COST, \$3500

(2009) CRAIG AVE 246 E Highland, Piedmont. Two-story frame residence. Owner.....Chester Parlin, Piedmont. Architect.....None. Contractor.....C. M. MacGregor, 470 13th, Oakland. COST, \$4500

(2010) SV LAKE AND GREENBANK Piedmont. Five-room bungalow. Owner.....United Home Builders, 1762 Broadway, Oakland. Architect.....None. Day's work.....COST, \$2500

(2011) E VISTA AVE 400 S Everett Ave., Oakland. One and one-half-story 5-room dwelling. Owner.....C. M. Blabon, Crescent nr Santa Clara Ave., Oakland. Architect.....None. Day's work.....COST, \$1300

(2012) NO. 823 BROADWAY, Oakland. New store front and repairs. Owner.....L. B. Kronberger, 473 8th, Oakland. Architect.....None. Contractor.....The Fink & Schindler Co., 218 13th, San Francisco. COST, \$1000

(2013) N PORTER 350 E 39th Ave., Oakland. One-story 4-room dwlg. Owner.....Mr. and Mrs. F. R. Henderson, 4042 Paster, Oakland. Architect.....None. Contractor.....F. R. Henderson, 4042 Paster, Oakland. COST, \$1000

(2014) NO. 692 TWENTY-FIFTH, Oakland. Alter and add. Owner.....Mrs. F. Bartheine, Prem. Architect.....None. Contractor.....O. Legault, 3136 West, Oakland. COST, \$1500

Building Contracts.

Oakland.

No.	Owner	Contractor	Amt.
2006	Craig	Decker	2300
2007	Bennett	Creighton	4500
2008	W'n Un	Hm Bldrs. Owner	3500
2009	Parlin	MacGregor	4500
2010	United Hm Bldrs.	Owner	2500

(2015) NO. 581 FOURTEENTH, Oakland. Alterations.
Owner.....Eastern Outfitting Co., 581 14th, Oakland.
Architect...None.
Day's work. COST, \$800

(2016) S. PLEASANT VALLEY AVE 215 E Piedmont Ave., Oakland. One-story 5-room dwelling.
Owner.....J. T. Hinch, 1542 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(2017) NE VALLE VISTA & ELWOOD Oakland. Two-story 9-room dwlg.
Owner.....A. J. Shimmonds, 2047 Webster, Oakland.
Architect...None.
Contractor...Oakland Bldg. & Mortgage Co., 1106 Broadway, Okd.
COST, \$6000

(2018) NW E-FOURTEENTH AND Ninth Ave N 100xW 50, Oakland. All work for two-story frame flat and store building.

Owner.....J. B. Cabana, 1831 O'Farrell, San Francisco.
Architect...Henry Shermund, Mills Bldg., San Francisco.
Contractor...Ruegg Bros., Pacific Bldg., San Francisco.

Filed June 30, '13. Dated June 26, '13.
Frame up and roof on.....\$4000
Brown coated 4000
Completed and acc pted..... 4000
Usual 35 days..... 4000

TOTAL COST, \$16,000
Bond, \$8000. Sureties, Agatha Curtaz and Marie Ruegg. Limit, 90 days from June 26. Forfeit, \$750. Plans and specifications filed.

(2019) N SIXTY-FIRST 225 W Hille-gass, Oakland. One-story 6-room dwelling.

Owner.....Jas. Glacomini, 440 38th, Oakland.
Architect...None.
Contractor...Ernsberger & Dildine, 325 59th, Oakland.
COST, \$2500

(2020) NO. 39 ACACIA, Oakland. Garage.
Owner.....H. M. Wilkinson, Prem.
Architect...None.
Contractor...A. E. Fake, 1552 10th Ave., Oakland.

COST, \$400

(2021) W LINWOOD 415 N E-38th, Oakland. Two-story 7-room dwlg.
Owner.....Geo. B. Davis, 2043 Rose-dale Ave., Oakland.
Architect...None.
Day's work. COST, \$3400

(2022) NO. 390 EUCLID AVE, Oakland Addition.
Owner.....Mrs. Adele Hyde Morrison Premises.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor...C. N. Grant, 760 56th, Okd.

COST, \$1500

(2023) NO. 2140 VERBENG, Oakland. Addition.
Owner.....J. Leeftang, Premises.
Architect...None.
Day's work. COST, \$400

(2024) NO. 2140 VERBENG, Oakland. Addition.
Owner.....J. Leeftang, Premises.
Architect...None.
Day's work. COST, \$400

(2025) NE OPAL AND 40TH SE 37.1 NE 99.59 NW 37.72 SW 101.13, Oak-land. All work for two-story apart-

ment building (7 stores and 2 flats.)
Owner.....J. R. Morse, 2372 9th, Berkeley.

Architect...A. F. & O. M. Rousseau, Monadnock Bldg., S. F.
Contractor...Christiansen & Smith, 331 Hugo, San Francisco.

Filed July 1, '13. Dated May 20, '13.

Frame up\$1975
Brown coated 1975
Completed and accepted..... 1975
Usual 35 days..... 1975

TOTAL COST, \$7900
Bond, none. Limit, 90 days after re-ceiving permit. Forfeit, none. Plans and specifications filed.

(2026) N FIFTY-FIFTH 200 W Shat-tuck Ave., Oakland. One and one-half-story 6-room dwelling.

Owner.....A. Fletcher, 5487 Clare-mont Ave., Oakland.
Architect...None.
Contractor...C. J. Pfrang, 5455 Shafter Ave., Berkeley.

COST, \$3500

(2027) W 105TH AVE 200 N Biggarean Oakland. One-story 5-room dwlg.
Owner.....J. J. Otoson, 3416 E-14th, Oakland.

Architect...None.
Day's work. COST, \$1800

(2028) E MARKET 100 N Brockhurst, Oakland. Two-story 6-room dwlg.

Owner.....W. D. Mansfield, 1212 Mer-chants' Exchange Bldg., San Francisco.
Architect...W. H. Judson, Albany Block, Oakland.

Day's work. COST, \$2400

(2029) SE GLEN & PIEDMONT AVES. Oakland. Alterations.
Owner.....G. A. Richardsdon, Prem.
Architect...None.

Contractor...M. E. Hopper, 90 Glen Ave Oakland.
COST, \$600

(2030) E EUREKA AVE 500 N Boule-vard, Oakland. One-story 5-room dwelling.

Owner.....A. Arfsten '666 12th, Okd.
Architect...None.
Day's work. COST, \$1850

(2031) N GLENDALE AVE 55 W Manila Ave., Oakland. One-story 5-room dwelling.

Owner.....Dan F. Nunan, 3867 West, Oakland.
Architect...None.
Contractor...Jas. L. Rich, 3900 Lusk, Oakland.

COST, \$2500

(2032) N FORTY-FIRST 100 E Tele-graph Ave E 40xN 88.35, Oakland. All work for two-story 4 3-room apart-ment house.

Owner.....William English, 405 Tele-graph Ave., Oakland.
Architect...None.
Contractor...John Bernhardt, 6257 Har-mon, Oakland.

Filed July 2, '13. Dated July 1, '13.

1st story frame up.....\$1000
Frame all up and enclosed..... 1000
1st coat plaster on walls..... 1000
Completed and accepted..... 1000
Usual 35 days..... 1000

TOTAL COST, \$5060
Bond, \$2530. Surety, Southwestern Surety Insurance Co. Limit, 90 days.

Forfeit, none. Plans and specifica-tions filed.

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
2005	Anderson,	Ilmanen,	700
2032	Roe	Ideal Bldg	3000
(2005)	E ROOSEVELT 165 N Allston Way, Berkeley.	Two-story 4-room dwellng.	

Owner.....J. Anderson, 2136 th, Bkly.
Architect...None.
Contractor...A. Ilmanen, 2321 16th, Berkeley.

COST, \$700

(2032) N SAN PEDRO AVE 300 W The Alameda, Berkeley. Two-story 6-room dwelling.

Owner.....Nellie Roe, 453 Hudson, Berkeley.
Architect...None.
Contractor...Ideal Bldg. Co., 453 Hud-son, Berkeley.

COST, \$3000

Building Contracts Awarded. Alameda.

No.	Owner	Contractor	Amt.
2023	Arnerich	Kinkade	2500
2034	Alameda	Alameda	1000
2035	Strang	Strang	2000
2036	Hooper	Strang	2000
2037	Lack	Lack	1400
2038	Lack	Lack	1400
2039	Hurley	Hurley	500
2040	Williams	Strang	3150

(2023) NO. 1318 CAROLINE, Alameda. Two-story 9-room dwelling.

Owner.....Paul J. Arnerich, 1404 Pacific Ave., Alameda.
Architect...J. C. Kinkade, Dana St., Berkeley.

Day's work. COST, \$2500

(2034) EIGHTH AND SANTA CLARA Ave, Alameda. Gallery in the Wash-ington School.

Owner.....City of Alameda, Oak and Santa Clara Ave., Alameda.
Architect...Louis Stone, Bacon Bldg., Oakland.

Day's work. COST, \$1000

(2035) NO. 2249 ENCINAL AVE., Ala-meda. One-story 5-room dwelling.

Owner.....V. N. Strang, 1319 Burbank Alameda.
Architect...None.
Day's work. COST, \$2000

(2036) NO. 1372 BURBANK, Alameda. One-story 5-room dwelling.

Owner.....C. A. Hooper & Co., Balboa Bldg., San Francisco.
Architect...V. N. Strang, 1319 Bur-bank, Alameda.

Contractor...Strang Bros., 1319 Bur-bank, Alameda.
COST, \$2000

(2037) NO. 941 EAGLE AVE., Ala-meda. One-story 4-room dwelling.

Owner.....George Lack, 944 Eagle Ave., Alameda.
Architect...None.
Day's work. COST, \$1400

(2038) NO. 942 EAGLE AVE., Alameda One-story 4-room dwelling.

Owner.....George Lack, 944 Eagle Ave., Alameda.
Architect...None.
Day's work. COST, \$1400

(2039) NO. 1825 BAY, Alameda. Add to dwelling.

Owner.....J. A. Hurley, 1822 Bay, Alameda.
 Architect...None.
 Day's work. COST, \$500

(2040) NO. 2120 SAN JOSE AVE., Alameda. One-story 5-room dwelling.
 Owner.....Joseph Williams/ 1222 Versailles Ave., Alameda.
 Architect...Plans by Contractor.
 Contractor...F. N. Strang, 1330 Burbank, Alameda.

COST, \$3150

Completion Notices.

ALAMEDA COUNTY.

June 20, 1913—LOT 45 Map North Christiania Tract, Albany. Patrick Nelson Bldg Co to whom it may concern.....June 19, 1913
 June 20, 1913—LOT 43 Map North Christiania Tract, Albany. Patrick Nelson Bldg Co to whom it may concern.....June 19, 1913
 June 20, 1913—NE HEARST AND Euclid Aves, Bkly. Chamberlain & Procter to Van Sant-Houghton Co.....June 18, 1913
 June 23, 1913—TWENTY-EIGHTH No. 1020, Oakland. August Andersen to Harry C Knight.....June 9, 1913
 June 23, 1913—SE-TWENTY-EIGHTH 40 E 19th Ave, Okd. Granville T Berrey to whom it may concern.....June 23, 1913
 June 23, 1913—LOT 12 BLK "A" Map Kenwood Park, Okd. William M and Annie L Morris to whom it may concern.....June 23, 1913
 June 24, 1913—LOT 10 BLK "A" Map Kenwood Park, Okd. Jessie Wilton Jones to whom it may concern.....June 23, 1913
 June 24, 1913—LOT 8 BLK "T" Map Bella Vista Park, Okd. John E Erickson to whom it may concern.....June 24, 1913
 June 25, 1913—LOT 15 BLK 13 Map Northbrae, Bkly. Patrick Nelson Bldg Co to whom it may concern.....June 24, 1913
 June 25, 1913—LOT 18 BLK 12 Map Northbrae, Bkly. Patrick Nelson Bldg Co to whom it may concern.....June 24, 1913
 June 25, 1913—S 34 FT. LOT 10 BLK "C" Map Northbrae Business Ppty, Bkly. F R Peake Co to whom it may concern.....June 20, 1913
 June 25, 1913—LOT 51 BLK 2 Map Oak Lawn, Okd. Don W White to G Johansen.....June 24, 1913
 June 25, 1913—LOTS 52 AND 53 Map 40th St. Tract, Okd. The Realty Syndicate to Cederborg & Anderson.....June 24, 1913
 June 26, 1913—S CEDAR 7 W 10th W 30xS 100, Bkly. Carl Ericsson to whom it may concern.....June 25, 1913
 June 27, 1913—LOT 37 Amended Map Woodlawn, Okd. D A Bulmore to whom it may concern.....June 2, 1913
 June 27, 1913—PACIFIC AVE NO. 422 Piedmont. Marion R Clement to whom it may concern.....June 25, 1913
 June 27, 1913—LOT 2 BLK 1, Thousand Oaks, Bkly. Mrs S J Sill to Ben Pearson.....June 26, 1913
 June 27, 1913—NE LINDA AVE 114.06 SE Piedmont Ave NE 128xSE 41.5. (kd. Lillian Troy to C M MacGregor.....June 27, 1913
 June 27, 1913—LOT 5 Map McMillay Tct, Okd. Joseph Coward to whom it may concern.....June 2, 1913
 June 27, 1913—N RUSSELL 412 ft 5 1/2 in. E Telegraph Ave Lot 9 Blk "U"

Leonard Tract, Bkly. Evelyn Kennedy Scarlett Boyden to L S Lewis.....June 17, 1913
 June 27, 1913—N BY L PARALLEL and distant 12 S strip land granted by City of Oakland to owner, E by in at r a, S by in parallel and 60 S N boundry in W by in at r a to N boundry in and passing through Engineers' Stations 52 and 63, S F Bay. S F O T R R to Daniel Contracting Co.....June 27, 1913
 June 27, 1913—N THIRTY-EIGHTH 165 W Grove W 30xN 145, Okd. Eugene Schiffmann by A C Schiffmann to Adolph Morgenson.....June 25, 1913
 June 28, 1913—LOT 6 BLK 9, Claremont, Bkly. Clare Wake Rand to Wm M Converse.....June 26, 1913
 July 1, 1913—S FOURTH 75 W Webster W 50 S 100 E 15 S 100 E 35 N 200, Okd. Stephen A Neppach and Lombert Kratz to Carnahan & Mulford.....June 30, 1913

LIENS FILED.

ALAMEDA COUNTY.

June 23, 1913—LOT 21 Map Sbdvn A of Thermal Rancho, Town of Sunol, Pleasanton Tp. James Egan vs E C Mayo.....\$123.20
 June 21, 1913—LOT 5 BLK "D" Map Central Piedmont Tract, Oakland. Walter H Miller, \$462.86; Sunset Lumber Co, \$2595.54; Marshall & Stearns Co, \$45 vs B L Alburn and A S Ruch.....\$230
 June 26, 1913—LOT 35 BLK "C" Toler Heights, Okd. W P Fuller & Co vs J H Plattner.....\$151
 June 26, 1913—LOT 30 BLK "D" Toler Heights, Okd. W P Fuller & Co vs J H Plattner.....\$151
 June 26, 1913—LOT 5 BLK "D" Map Central Piedmont Tract, Piedmont. Antill Patent Window Co vs B L Alburn.....\$75
 June 27, 1913—LOT 30 BLK "D" Map Toler Heights, Okd. R W Tutt Co vs John H Plattner.....\$182.70
 June 27, 1913—LOT 30 BLK "D" Map Toler Heights, Okd. Hogan Lumber Co vs J H Plattner.....\$318.60
 June 28, 1913—S CLIFTON 100 W Manila Ave W 121.50 S 216.5, Okd. Pierce Hardware Co vs R Miller and O M Bullock.....\$88.80
 June 28, 1913—LOT 35 BLK "C" Map Toler Heights, Okd. Melrose Lumber & Supply Co vs J H and Kate Plattner.....\$97.0

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCES—1 and 2 story and base, frame. Cost not stated, San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: W. M. Lewis, Mountain View, 1 story six-room frame cottage, cost, \$2,900; George Cangable, 225 North 32nd street, 1 story four-room cottage, \$1,000, and J. E. Weldon, 645 Ashbury, 1 story five-room cottage, \$2,300.
 RESIDENCE—2 story and base, frame, \$40,000. Woodside, San Mateo Co., Cal. Architect, Henry C. Smith. Humboldt Bank Bldg. S. F. Owner's name withheld. The dwelling will be designed for a country home and will contain in the neighborhood of fourteen rooms, bath and sleeping porch. A garage will also be erected on the

property. Interior finish will be of pine and hardwoods. There will be a central heating system, probably steam. Open fire places will be used in several of the rooms. Hardwood floors are specified throughout. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be taken within a short time.

RESIDENCES—1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal.—Architect, none. The following Day Labor jobs, in addition to those previously mentioned are about to be started in San Jose: L. A. Datto, Oak street, 1 story and base, frame, six-room cottage, \$1,750; J. H. Sullivan, 129 9th street, 1 story, frame cottage, \$1,900.

OFFICE—1 story, reinforced concrete, \$6,000. San Jose, Santa Clara Co., Cal. Architect, none. Owners, San Jose Water Co, 372 West Santa Clara Ave., San Jose. Plans are complete for an addition to the company's office. Interior will be finished in pine and hardwoods. The floor will be used. Plans provide for metal window sash and frames and modern plumbing. Exterior will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

Building Contracts.

SANTA CLARA COUNTY.

NOS. 40 AND 48 N-FOURTH, San Jose. Addition to warehouse.
 Owner.....Markovits & Co., Premises.
 Architect...None.
 Day's work. COST, \$400

No. 701 N-FIRST, San Jose. Addition and two-story screen porch.
 Owner.....E. M. Goss, Premises.
 Architect...None.
 Contractor...Hoyt Bros., 556 N-10th, San Jose.
 COST, \$650

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$3,000. Walnut Creek, Contra Costa County, Cal. Architect, Irving F. Morrow, 301 Lenox Ave., Oakland. Owner, Dr. Malcolm Goddard. The dwelling will contain seven rooms and bath. Interior finish will be of pine and hardwood with hardwood floors used in the living room, dining room and reception hall. There will be an open fire place in the living room with a large brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustle. An automatic water heater will be installed. Plans are complete and figures are being taken.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

FIRE HOUSE—2 story and base, brick and concrete. Cost not stated. Sacramento, Cal. Architect's name not given. Owners, City of Sacramento. Plans for the construction of a fire house in Oak Park have been completed and approved by the Fire Commission. Bids are now being taken and will be opened on July 10th. The building will be located on Cypress avenue between 34th and 35th streets.

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
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CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

There will be space on the first floor for three pieces of apparatus, and upper floor will be arranged for sleeping quarters, reading room and chief's office. Interior will be finished in pine and hardwood. Special plumbing and electrical equipment will be installed. Exterior of the building will be faced with pressed brick. Plans can be secured from the City Clerk, City Hall Bldg., Sacramento. An official proposal appears in another column of this issue.

POST OFFICE WORK—Screens. Cost not stated. Sacramento, Cal. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened by the Supervising Architect in Washington, D. C. on July 10th for furnishing and installing screens in the Post Office building at Sacramento. Plans can be secured from the Supervising Architect, Oscar Wenderoth.

POST OFFICE—1 story and base, brick and stone, \$65,000. Grass Valley Nevada Co., Cal. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Only three bids were received on June 30th by the Supervising Architect, Oscar Wenderoth, at Washington, D. C., for the construction of the Grass Valley Post Office. All three bids were received from California contractors, two local firms and one Sacramento firm bidding. Alternative propositions were asked for, one for facing the building with limestone and the other for sandstone facing. Campbell & Turner of Sacramento were low at \$77,480. A complete list of these bids will be found under the heading of Sacramento,

Stockton and Northern California in this issue.

RESIDENCES—1 and 2 story, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 35th and Park avenue, 3, 2 story, frame, \$7,500; Max Smith, 2821 Spagford avenue, 1 story, frame, \$2,400; Mrs. L. Zangerle 722 J street, frame garage, \$1,800; L. H. Jacob, 2212 L street, frame cottage, \$600, and G. C. Snyder, 2310 31st street, frame cottage, \$1,000

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$32,000. Quincy, Plumas Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Quincy High School District. Contractors, Campbell & Turner, Sacramento, general construction. Contract price not stated. Pacific Blower and Heater Co., S. F., heating and ventilating. Contract price not stated.

Building Contracts.

SACRAMENTO COUNTY.

VARIOUS WRIGHT & KIMBROUGH Tract, Sacramento. Sixteen dwigs. Owner.....Book Investment Co., 817 J St., Sacramento.

Architect...None.
Contractor...Wright & Kimbrough, 817 J St., Sacramento.
COST, \$30,000

LOT 1307 W. K. TCT 29, Sacramento. Dwelling.
Owner.....L. A. Morrow, 1407 O St., Sacramento.

Architect...None.
Contractor...Wright & Kimbrough, 817 J St., Sacramento.
COST, \$2500

LOT 111 East Sacramento. Alter dwlg. Owner.....W. H. McMorry, 3004 I St., Sacramento.
Architect...None.
Contractor...H. Goldman, 1726 18th St., Sacramento.
COST, \$500

N 80 FT. LOT 14 G NELSON TCT, Oak Park. Dwelling.
Owner.....W. T. Foster, 35th and Cypress, Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 220 41st, Sacramento.
COST, \$1200

LOT 11 BLK 28 Oak Park. Dwelling.
Owner.....Geo. B. Henry, 1604 K St., Sacramento.
Architect...None.
Contractor...W. B. Phillips, 4015 Cypress Ave., Sacramento.
COST, \$1500

E ¼ OF LOT 6, I, J, 7TH AND 8TH Sts., Sacramento. Alter building.
Owner.....Mrs. T. W. Hing, 251 I St., Sacramento
Architect...None.
Contractor...H. Grant, Sacramento.
COST, \$3000

E 52 FT. LOT 4, J, K, 3RD AND 4TH Sts., Sacramento. Erect building.
Owner.....Merchants Invest. Co., 4th and J St., Sacramento.
Architect...None.
Contractor...Ransome Concrete Co., Sacramento.
COST, \$250,000

LOT 9 BLK 3 Boxler Trct., Sacramento. Owner.....W. D. McKay, 826 17th St., Sacramento.
Architect...None.
Day's work.
COST, \$2100

LOT 169, Curtis Oaks. Dwelling.
Owner.....H. M. Earle, 3028 Magnolia Ave., Sacramento.
Architect...None.
Day's work.
COST, \$1500

N ¼ OF LOT 5, G, H, 6TH AND 7TH Sts., Sacramento. Alter building.
Owner.....John Bawden, 716 7th St., Sacramento.
Architect...None
Day's work.
COST, \$250

S 20 FT. S. N A AND N E, 10TH & 11TH Sts., Sacramento. Erect building.
Owner.....Sacramento Lumber Co., 12th & B Sts., Sacramento.
Architect...None.
Day's work.
COST, \$400

NO. 905 K ST., Sacramento. Alterations.
Owner.....Archibald & Hamilton, 905 K St., Sacramento.
Architect...None.
Contractor...Siller Bros., 1230 P St., Sacramento.
COST, \$2500

LOT 7, C, D, 10TH AND 11TH STS., Sacramento. Dwelling.
Owner.....Geo. Knox, 2010 L St., Sacramento.
Architect...None.
Contractor...Barton & Hite, 1812 L St., Sacramento.
COST, \$6500

Building Contracts.

SAN JOAQUIN COUNTY

LOT 7 BLK 130 E of Center St., Stockton. All work for two-story flat building.

Owner.....Mrs. A. Booksch, 1146 N-Center, Stockton.

Architect...Walter King, Elks' Bldg., Stockton.

Contractor...W. C. Finnell, 421 E-Jefferson, Stockton.

Filed June 21, '13. Dated June 21, '13.

Foundation in\$ 400

Frame work up.....800

Building enclosed.....800

Plastering completed.....800

Completed and accepted.....800

Usual 35 days.....1200

TOTAL COST, \$4800

Bond, \$2400. Sureties, J. V. Craviotto and F. B. Littleton. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BLK 2 LOT 25, The Oaks, Stockton. One-story frame building.

Owner.....Ralph Fay, Hazel & California, Stockton.

Architect...None.

Day's work.....COST, \$2000

N 33 OF LOTS 2 AND 4 BLK 70, S M C. Stockton. Remodel frame building.

Owner.....E. W. Kennedy, 1032 S-San Joaquin, Stockton.

Architect...None.

Day's work.....COST, \$1000

E 38 LOT 5 BLK 47 W, Stockton. Erect frame building.

Owner.....Richard Godsil, 516 S-El Dorado, Stockton.

Architect...None.

Day's work.....COST, \$2000

LOT 8 BLK 20 E, Stockton. Three-story brick building.

Owner.....C. M. Jackson, West Lane, Stockton.

Architect...None.

Day's work.....COST, \$7000

LOT 12 BLK 85 E, Stockton. Remodel frame building.

Owner.....W. R. Bower, 637 E-Weber, Stockton.

Architect...None.

Day's work.....COST, \$600

LOT 8 BLK 12 Survey 239, Stockton. Frame building.

Owner.....C. W. Dunlap, 821 N-Lincoln, Stockton.

Architect...None.

Day's work.....COST, \$2000

LOT 15 BLK 191 E, Stockton. Erect frame building.

Owner.....A. Delucchi.

Architect...None.

Day's work.....COST, \$1000

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED.....ACCEPTED
June 27, 1913—S 100 FT. LOT 1 Q, R,
2nd and 3rd Sts., Sacramento. L
whom it may concern. June 15, 1913
H Stewart and James Geddes to

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, C. J. Craycroft. The building will be erected on Blackstone street and has been designed to contain four suites of four rooms and bath each. Interior finish will be of pine with some hardwoods. All suites will have wall beds. Bath rooms will be finished in cement plaster and tile. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LODGE HALL—6 story and base, reinforced concrete and steel, \$125,000. Fresno, Fresno Co., Cal. Architect's name withheld. Owners, Fresno Elks' Hall Association. Preliminary plans have been accepted by the Fresno Elks for a lodge hall and commercial building which will be erected on their property on Tulare street opposite the Rowell Building. No details of construction have been given out. Further mention of the work will appear in these columns as the plans progress.

HOTEL—2 story and base, brick, \$18,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owner, C. W. Musick. The building will be erected on J street near Merced and will cover an area of 50x102 feet. There will be stores on the first floor besides the entrance to the hotel. Upper floors will be arranged for 19 guest rooms and 4 baths. Interior finish will be of pine throughout. Considerable marble and tile will be used on the first floor. There will be plate glass store windows and patent store fronts. Hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with pressed brick. Plans are now nearly complete and figures will be called for shortly.

SCHOOL—1 story and base, brick. Cost not stated. Laton, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Hartwick School District. The building will contain four class rooms and an assembly hall. Interior finish will be of pine with some maple floors. A central heating system will be installed. A clay tile roof is specified. Exterior of the building will probably be faced with cement plaster. Plans are now being prepared.

SCHOOL—1 story, concrete, \$10,000. Chowchilla, Merced Co., Cal. Architect, William E. Redesen, Merced. Owners, Chowchilla School District. The building has been designed to contain 3 standard sized class rooms. Interior finish will be of pine throughout. No heat will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

DEPARTMENT STORE—3 story and base. Class A construction, \$165,000. Fresno, Fresno Co., Cal. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owners, Gottschalk Department Store. All bids for this work which were opened a week ago have been rejected. Plans will be slightly revised and new figures will be called for at once.

STORES—2 story and base, brick, \$20,000. Bakersfield, Kern Co., Cal. Ar-

chitect, none. Owner, Alfred Harrell, Bakersfield. The building on I street between 19th and 20th streets, recently destroyed by fire, will be rebuilt at once. Plans for this work are now in the hands of the owner who will let all contracts.

STORES AND OFFICES—4 story and base, reinforced concrete. Cost not stated. Fresno, Fresno Co., Cal. Architect, R. E. Pelchlin, Fresno. Owners, Holland & Holland. The building will be erected at the corner of Reno and L streets and will cover an area of 79x110 feet. The first floor will contain stores and a banking room. Second and third floors will be arranged for 59 modern offices. The fourth floor will contain a large lodge room. Interior finish will be of pine and hardwoods. A maple floor will be used in the lodge room. There will be steam heat and elevator service. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

Contracts Awarded.

CLUB ROOMS—2 story and base, brick, \$31,000. Bakersfield, Kern Co., Cal. Architect, T. B. Wiseman, Bakersfield. Owners, Bakersfield Club. Contractor, D. A. Evans, Fresno. Contract price, \$31,000.

SCHOOL—1 story frame, \$5,777. Walnut School District, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Walnut School District. Contractor, J. H. Peak, Selma. Contract price, \$5,777.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, Mrs. A. G. Tompkins. The building will cover an area of 56x116 feet and has been designed to contain 56 rooms, which will be arranged in two and three room suites. All apartments will have private baths and wall beds. Interior finish will be of pine. There will be a central heating system and vacuum cleaning plant. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner, Mrs. Margaret Collier. The building will be erected on a corner site and will cover an area of 58x148 feet. Interior will contain 69 rooms arranged in two and three room suites with private baths. Interior finish will be of pine. Some hardwood floors will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with brick veneer and cement plaster. Plans are complete and figures are now being taken.

PANK—1 story and base, reinforced concrete. Cost not stated. Fillmore, Ventura Co., Cal. Architects, Wiley & Davis, Story Bldg., L. A. Owners, Farmers' and Merchants' Bank of Fillmore. The building will cover an area of 25x60 feet and has been designed in the classic style. Interior finish will be of hardwoods, tile and marble.

There will be safe deposit vaults and coin vaults. Considerable steel will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

CHURCH—1 story and towers, brick. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, Frank T. Klegley and T. Foster Ema, associated. Consolidated Realty Bldg., L. A. Owners, Roman Catholic Church. This work has been mentioned here before when the architects were first commissioned. Plans provide for a building 84x128 feet with two high towers of steel construction. The main auditorium will have a seating capacity of 220 people. Interior finish will be of pine and ornamental plaster. Exterior of the building will be faced with cement-plaster and pressed brick. Plans are complete and figures are now being taken.

CHURCH—2 story and base, reinforced concrete, \$25,000. Glendora, Los Angeles Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Methodist Episcopal Church of Glendora. The building will cover an area of 76x100 feet and is designed in the classic style. There will be a main auditorium with a seating capacity of 550 people. Adjoining this there will be a large lecture room with a seating capacity of 220 people. Plans also provide for Sunday school rooms, pastor's study and social rooms. Interior finish will be of pine and ornamental plaster. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FIRE HOUSE—2 story and base, brick. Cost not stated. Anaheim, Orange Co., Cal. Architect, City Engineer Steward, Anaheim. Owners, City of Anaheim. Plans for a two-story brick building have been completed and figures are now being called for by the City Clerk. Bids will be opened on July 24th. The building will be arranged to contain three pieces of apparatus on the first floor and sleeping quarters and reading room on the upper floor. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans can be secured from the City Clerk.

FIRE HOUSE—2 story and base, brick. Cost not stated. Glendale, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. The building will cover an area of 50x70 feet and will contain four pieces of apparatus on the first floor. Upper floor will be divided into three rooms, baths and reading room. Interior will be finished in pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are being prepared.

FACTORY—2 story and base, reinforced concrete. Cost not stated. Long Beach, Los Angeles Co., Cal. Engineer, George W. Harding, Washington Bldg., Long Beach. Owners, The Long Beach Improvement Co. The building will cover an area of 75x150 feet. The building has been designed for a planing mill and interior finish will be used only in the front portion. Plans have been completed and the work will be done by Day Labor.

GARAGE—1 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, none. Own-

ers, City of Los Angeles. Plans have been completed for a municipal garage which is to be erected on Pearl street near Marengo. The building will be large enough to house twenty-five machines. Interior will be finished in pine. A cement floor will be used. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Bids will be called for shortly.

HOTEL—1 story and base, brick and steel, \$40,000. Los Angeles, Cal. Architect, A. Featherstonhaugh, Ferguson Bldg., L. A. Owner, Joseph H. Call. The building will be erected on South Hope street and will have a street frontage of 50 feet and a depth of 165 feet. The first floor will be arranged for a large lobby, offices and store. Upper floors will be subdivided into 90 guest rooms, 21 private baths and 9 public baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Bath rooms will be finished in tile and will have cement floors. A hot water system will also be installed. Plans are complete and in the hands of the owner who will let subcontracts on all parts of the work.

LIBRARY—1 story and base, brick. Cost not stated. Alhambra, Los Angeles Co., Cal. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owners, City of Alhambra. Plans for this building, which was mentioned here when the architect was first commissioned to prepare plans, have been accepted and are now out for figures. Bids will be opened on July 12th. The building covers an area of 90x100 feet and is in the classic style. Interior finish will be of hardwood, marble and tile. Hardwood floors will be used throughout. There will be a central heating system. Metal shelves and metal window sash and frames are also specified. Exterior of the building will be faced with enamel brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, brick and frame, \$30,000. Beverly Hills, Los Angeles Co., Cal. Architects, C. H. Russell and F. Singluff, associated. Securities Bldg., L. A. Owner, Roland Bishop. The dwelling will contain 20 rooms, 5 baths and sleeping porches. Interior finish will be of pine, birch and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with brick veneer and rustic. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, F. M. Tyler, Black Bldg., L. A. Owner, D. T. Althouse. The dwelling has been designed for a fourteen-room house with several bath rooms and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PASSENGER STATION—1 and 2 story and base. Class A and C construction, \$250,000. Architects, Par-

kinson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. The time for opening these bids has been extended from the 1st to the 8th. A complete list of the figures received for this work will appear in the next issue of the Building and Industrial News.

SCHOOL—1 story and base, brick and frame. Cost not stated. Bardendale, Ventura Co., Cal. Architect, Honer W. Glidden, Wright and Callender Bldg., L. A. Owners, Willow Grove School District. The building will cover an area of 40x60 feet and will contain two class rooms, office and separate toilets. Interior finish will be of pine with some maple floors. A central heating system will be installed. Exterior of the building will be faced with brick veneer. Plans are being prepared.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Lancaster, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Lancaster School District. The building will cover an area of 60x92 feet and will contain four class rooms, library and principal's office on the first floor. Upper floor will contain an assembly hall seating 300 people and domestic science rooms. Manual training department will occupy the greater portion of the basement. There will be a central heating system, pine and hardwood interior finish and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and bids will be opened on July 12th. Robert B. Cameron is Clerk of the School Board.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Fullerton, Orange Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. All bids for the construction of this building have been rejected. Plans will be revised and new figures will be called. The lowest bid received was from the Sawtelle Construction Co. and was for \$50,990. This amount is above the amount available.

STORES AND LOFTS—5 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Barnett, Haynes & Barnett, Wright and Callender Bldg., L. A. Owner's name withheld. The building will be erected on Central avenue and will cover an area of 126x125 feet. Plans provide for five stories on the first floor and lofts above. There will be reinforced concrete floors and roof slabs. Two electric freight elevators will be installed, steam heat, metal window sash and frames and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

STORES AND OFFICES—2 story and base, reinforced concrete. Cost not stated. Riverside, Riverside Co., Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. The building will cover an area of 40x140 feet. The entire structure will be occupied by the owners. Interior will be finished in pine, hardwood, marble and ornamental plaster. Plans include steam heat, metal window sash and frame and fireproof vaults. Exterior will be faced with Utah stone and cement plaster. Plans are complete and figures are being taken.

STORES AND OFFICES—4 story and base, brick. Cost not stated. San Pedro, Los Angeles Co., Cal. Architect, E. H. Dorr, 1811 South Main St., L. A. Owner, N. O. Anderson. The building will cover an area of 25x75 feet and will be arranged for one store on the first floor and 27 offices on the upper floors. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architect.

STORES AND OFFICES—14 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, Home Builders. This work has been mentioned here a number of times before. Plans for the general construction of the building have been completed and figures are now being taken. The structure will be erected at the corner of 8th and Spring streets, and will cover an area of 117x108 feet. Construction will be freestone throughout. There will be a complete steel frame, reinforced concrete walls and floors. Metal interior trim and metal window sash and frames will be used.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, brick, \$40,000. Los Angeles, Cal. Architect, E. C. Thorne, Realty Board Bldg., L. A. Owner I. I. Dehail. Contractors, Miller-Stahl Construction Co., Hibernian Bldg., L. A. Contract price, \$40,000.

APARTMENT HOUSE—3 story and base, frame, \$40,000. Los Angeles, Cal. Architect, B. Cooper Corbett, Union Square Bldg., L. A. Owner, Charles H. Louis. Contractor, E. H. MacGibbon, Los Angeles Investment Bldg., L. A. Contract price, \$40,000.

APARTMENT HOUSE—3 story and base, frame, \$21,000. Los Angeles, Cal. Architect, C. Gault, L. A. Owner, Mrs. A. Burgwald. Contractor R. T. Laughlin, Lissner Bldg., L. A. Contract price, \$21,000.

APARTMENT HOUSE—4 story and base, brick, \$54,750. Los Angeles, Cal. Architect's name not given. Owners, Hackel & Gutterman. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$54,750. Work will not be started until July 22nd.

BANK—2 story and base, reinforced concrete. Cost not stated. Temecula, Riverside Co., Cal. Architects, Koerner & Paul, Broadway Central Bldg., L. A. Owners, Citizens' Bank of Temecula. Contractors Earl Remington Co., Broadway Central Bldg., L. A. Contract price not stated. Note: This contract includes bank fixtures.

BANK VAULTS, ETC.—\$98,000. Los Angeles, Cal. Architects, William Curlett & Son, Phelan Bldg., S. F., and Title Insurance Bldg., L. A. Owners, Merchants' National Bank. Contractors, Mosler Safe Co. Contract price, \$98,000.

BANK—2 story and base. Class A construction, \$50,000. Redlands, San Bernardino Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. Contractors, Los Angeles Planing Mill Co., 1812 Industrial St., L. A., general construction only. Contract price, \$46,650. This contract does not include plumbing, electric work, heating or vault work.

CHURCH—1 story and base, frame,

\$11,000. Azusa, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Presbyterian Church. Contractor, Gottfried Hanson, 1414 Vermont Ave., L. A. Contract price, \$11,000.

HOTEL—4 story and base, brick and steel, \$44,500. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabich, Contractors, Alpetter, Hall & Alpetter, Ferguson Bldg., L. A. Contract price, \$44,500. Thomas Haverly Co., plumbing and heating. Contractor price, \$8,400.

HOTEL—3 story and base, reinforced concrete, \$162,270. San Diego, Cal. Architect, Harrison Albright, L. A. Owners, J. D. and A. B. Spreckels Securities Co. Contractors, The Wurster Construction Co., Spreckels Bldg., San Diego. Contract price, \$162,270.

WAREHOUSE—5 story and base, reinforced concrete, \$47,000. Los Angeles, Cal. Architect, A. H. Daun, care of Board of Education, L. A. Owners, Board of Education. Contractors Davidson Construction Co., 16th and Tennessee Sts., L. A. Contract price, \$47,000.

RESIDENCE—2 story and base, frame, \$18,000. Montecito, Santa Barbara Co., Cal. Architect, A. B. Benton, 114 North Spring St., L. A. Owner, J. Langdon Erving. Contractors, Kling Co., Union League Bldg., L. A. Contract price, \$18,000.

RESIDENCE—2 story and base, concrete and hollow tile, \$25,000. Los Angeles, Cal. Architect, Irving J. Gill, 913 South Figueroa St., L. A. Owner, Mary A. Banning. Contractors, Concrete Building and Investment Co., 913 South Figueroa St., L. A. Contract price, \$25,000.

ROUNDHOUSE—1 story and base, reinforced concrete, \$60,000. Los Angeles, Cal. Architect, none. Owners, Santa Fe Railroad Co. Contractors, Unit Construction Co., S. F. Contract price, \$60,000.

SCHOOL ADDITION—Brick construction, \$11,633. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica School District. Contractor, J. L. Harrod, 1425 Berkeley St., Santa Monica. Contract price, \$11,633. Coony & Winterbottom, Alhambra, plumbing, \$1,048.

SCHOOL—2 story and base, brick, \$34,000. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica School District. Contractor, Leonard Shaff, Santa Monica, general construction, \$29,283. W. J. England, Santa Monica, plumbing, \$3,530. Bids for the heating were taken under advisement.

OIL RESERVOIR—Reinforced concrete. Cost not stated. Coalinga, Fresno Co., Cal. Engineer, Engineering Department California Oilfields Co., Coalinga. Owners, California Oilfields Co. Contractors, Healy-Tibbetts Construction Co., S. F. Contract price not stated.

STORES AND OFFICES—12 story and base. Class A construction, \$200,000. Los Angeles, Cal. Architects, William Curlett & Son, Phelan Bldg., S. F., and Title Insurance Bldg., L. A. Owners, Merchants' Fireproof Building Co. Contractors, C. J. Kubach Co., Van Nuys Bldg., L. A. Contract price, \$200,000.

LOFTS—5 story and base, reinforced concrete, \$120,399. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabich. Contractor, Carl Leonardt, H. W. Hellman Bldg., L. A. Contract price, \$120,399.

DEPARTMENT STORE—4 story and base, reinforced concrete, \$72,900. Phoenix, Ariz. Architects, Trost & Trost and Royal W. Lescher, Phoenix. Owners, New York Store. Contractors, Arizona Construction Co., Mesa. Contract price, \$72,900.

NEWSPAPER OFFICES—2 story and base. Class A construction, \$400,000. Los Angeles, Cal. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owner, William Randolph Hearst. Contractors, Alta Planing Mill Co., 820 McGarry St., L. A., general construction only. Contract price, \$470,000.

SEATTLE AND WASHINGTON.

POLICE AND FIRE STATION—2 story and base, brick. Cost not stated. Seattle, Wash. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. Plans are being prepared for a combination police and fire station which will be erected on 4th avenue near West Alaska street. Interior will be arranged for two pieces of apparatus besides the police quarters. Interior finish will be of pine and hardwoods. A central heating system will be installed. There will be special plumbing and electrical apparatus. Exterior of the building will be faced with pressed brick. Plans are being prepared.

RESIDENCE—2 story and base, stone and concrete, \$100,000. Eburne, B. C. Architect, Raphael A. Nicols, Rogers Bldg., Vancouver. Owner's name withheld. The dwelling has been designed for a country home and will contain in the neighborhood of sixteen rooms, a number of baths and conservatory. Interior finish will be of hardwoods. A steam heating system, vacuum cleaning plant and hot water heater will be installed. Bath rooms will be finished in tile. Hardwood floors will be used throughout. There will be open fire places and brick and marble mantels. Exterior of the house will be faced with stone. Plans are nearly complete and figures will shortly be called.

IRRIGATION WORK—\$5,000,000. Kittitas Irrigation District, Wash. Engineer, Frank C. Kelsey, Journal Bldg., Portland. Owners, Kittitas Irrigation District. Plans and specifications have been completed by Frank C. Kelsey, consulting engineer, Journal Bldg., Portland, for the irrigation project for the Kittitas Reclamation District. The work will require an expenditure of \$5,000,000 and bids for the construction of the work will be let in one general contract when the bonds for the work can be sold. The project will require over 100,000 yards of concrete, 4,500 tons of steel and the construction of several bridges will be required; one of these will be 600 feet long and will have three steel spans, this bridge will carry one of the twelve siphons. This siphon will be eight feet in diameter and one mile long. The total length of the twelve siphons will be over three miles, while a large tunnel is also included which will be 2½ miles long. The Government has already

completed one dam at Lake Kachess and another is in course of construction at Lake Keechelus. These dams will furnish the district with water. The headworks is about one-half mile east of Easton, Wash., and will cover a large area in and around Ellensburg. The estimated cost of the construction work is placed at \$4,000,000, making an additional \$1,000,000 for other work. The plans and surveys have already been completed. Mr. Kelsey stated that he thought no action would be taken until after the first of the year on account of the poor market for the bonds.

THEATRE—3 story and base. Class B construction, \$125,000. Victoria, B. C. Architect, J. M. Warren, Victoria. Owner, Alex. Pantages. The building will be erected on a corner site and covers a large area. A main auditorium seating 1,000 people is provided besides a large balcony and fourteen boxes. Construction will be of brick and steel. An exceedingly ornamental elevation has been designed. Interior will be finished in hardwoods and ornamental plaster. There will be steam heat and a modern system of ventilation. Indirect system of lighting will be used. Considerable metal work is specified. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

BRIDGE—Frame construction. Cost not stated. Seattle, Wash. Engineer, Engineering Department Great Northern R. R. Co., Seattle. Owners, Great Northern R. R. Co. Plans have been completed by this company for a frame bridge 65 feet long which will carry its tracks over Government Way between Gilman avenue and 27th avenue. Bids will be called for at once. Plans can be secured from the Engineering Department of the Great Northern.

SEA WALL CONSTRUCTION—Cost not stated. Port Angeles, Wash. Engineer, City Engineer Port Angeles. Owners, Port Angeles. The City Council has passed an ordinance calling for the construction of a sea wall 100 feet wide and over a mile in length. Bids will be called for at once. Full particulars can be secured from the City Clerk, Port Angeles.

LODGE HALL—3 story and base, reinforced concrete, \$30,000. Bremerton, Wash. Architect's name not given. Owners, Bremerton Eagles' Hall Association. All bids received for this work have been rejected and plans will be revised. The building was designed with stores on the first floor and offices and lodge rooms on the upper floors. Plans provide for steam heat. Interior will be finished in pine and hardwoods. Exterior of the building will be faced with cement plaster. New figures will be taken as soon as the revision of the plans is complete.

HOSPITAL BUILDINGS—Brick and concrete construction. Cost not stated. Seattle, Wash. Architect's name not given. Owners, City of Seattle. Bids were opened for the Tuberculosis Sanitarium project at Richmond Heights, and bids have been referred to the Superintendent of Buildings. The following were low on the administration building and hospital. Administration Building—(a) Interlocking walls; (b) brick walls; (c) concrete walls. Jenkins & Jones, Hinckley Block, (a) \$73,500; (b) \$74,130; (c) \$73,570. Hospital—M. J. Hursen Co., Globe Block, (a) \$52,800; (b) \$52,800; (c) \$52,800.

Contracts Awarded.

DAM—Concrete and steel, \$687,110. Seattle, Wash. Engineer's name not given. Owners, City of Seattle. Contractors, Nettleton, Bruce & Eachbach, American Bank Bldg., Seattle. Contract price, \$687,110. This contract calls for the construction of the Cedar River Dam.

PORTLAND AND OREGON.

DOCK CONSTRUCTION—Timber and concrete. Cost not stated. Portland, Ore. Engineer, Engineering Department Commission of Public Docks, Worcester Bldg., Portland. Owners, City of Portland. The Commission of Public Docks, Portland, Ore., is now calling for bids for the construction of Dock No. 1, a pile and timber dock, which is to be erected on the west side of the Willamette River, between 15th and 18th streets. Bids will be opened on July 21st for the work. An official proposal will be found in another column of this issue. Plans show a structure 1075 feet over all and 112 feet wide. A portion of the dock, 303 feet long, will be constructed in two levels and the balance in but one level. A one-story shed covering the entire length of the dock will also be erected, having a clean span of 100 feet. The two-level section will be provided with six mechanical ramps and the one level section with one power ramp. Dock will be of heavy mill construction with concrete fire walls and ends and will be equipped with automatic sprinklers. Also included in the work will be the construction of a massive concrete bulkhead wall running the full length of the dock with retaining walls at the ends. The contract also covers the construction of a new ferry boat landing. Complete plans and specifications together with full instructions to bidders may be obtained on application to the Commission of Public Docks, 503 Worcester Bldg., Portland, Ore.

LODGE HALL—3 story and base, brick, \$50,000. McMinnville, Ore. Architect, C. C. Robbins, Ainsworth Bldg., Portland. Owners, McMinnville Masonic Hall Association. An architect has just been selected to prepare plans for this work and details of the building are not yet available. There will probably be stores on the first floor and offices and lodge rooms on the second and third floors. Plans will provide for a central heating system. Interior finish will be of pine and hardwoods. Exterior will be faced with pressed brick. Further mention will be made of the work as the plans progress.

HOTEL—3 story and base, brick. Cost not stated. Portland, Ore. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, Fisher & Thorsen. The building will be erected at the southwest corner of Lowndale and Washington streets and will cover a considerable area. The first floor will be arranged for stores and upper floors for hotel rooms. Plans provide for steam heat and a hot water plant. Interior finish will be of pine throughout. Bath rooms will have cement floors and tile wainscot. There will be plate glass display windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being given.

BRIDGE—Steel construction. Cost not stated. Roseburg, Ore. Engineer, County Engineer, Roseburg. Owners, Douglas County. Bids are now being taken and will be opened on July 12th by the County Supervisors for the construction of a steel bridge over the South Umpqua River. The bridge will consist of four 175-foot spans, and is of the Curved Chord Pratt Truss design. The bridge will have a clear roadway of 20 feet and a clear headroom of 15 feet. E. H. Lenox is the County Clerk. Plans can be secured from that office.

Bids Wanted For Portland Docks.

Public Dock Commission Will Open Bids on July 21st for First of Extensive Improvements.

The Commission of Public Docks, Portland, Oregon, are now calling for bids for the construction of Dock No. 1, a pile and timber dock, which is to be erected on the west side of the Willamette River, between 15th and 18th streets. Bids will be opened on July 21st for the work. An official proposal will be found in another column of this issue.

Plans show a structure 1075 feet over all and 112 feet wide. A portion of the dock, 303 feet long, will be constructed in two levels and the balance in but one level. A one-story shed covering the entire length of the dock will also be erected, having a clean span of 100 feet. The two level sections will be provided with six mechanical ramps and the one level section with one power ramp. Dock will be of heavy mill construction with concrete fire walls and ends and will be equipped with automatic sprinklers. Also included in the work will be the construction of a massive concrete bulkhead wall running the full length of the dock with retaining walls at the ends. The contract also covers the construction of a new ferry boat landing.

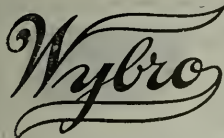
Complete plans and specifications together with full instructions to bidders may be obtained on application to the Commission of Public Docks, 503 Worcester Building, Portland, Oregon.

Theodore Hardee As Head Liberal Arts.

Chief of Department is a Man of Wide Experience in Exposition Matters And Competent.

The appointment of Theodore Hardee as the head of the Liberal Arts Department of the Exposition has met with general approval. As it contains the widest field of all the exhibits to be given at the Exposition it is highly important that the chief of that division be a man skilled in his particular line of work.

Liberal arts is one of the most attractive departments of the division of exhibits and will occupy all of one of the main exhibit palaces and comprise such interesting groups as the various printing processes, engraving and



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lithographing, books and publications, manufacture of paper, photography, maps and geographical apparatus, instruments of precision, scales and measures, coins and medals, medicine and surgery, chemical and pharmaceutical arts, musical instruments, theatrical appliances and equipment, electrical methods of communication, telegraphy and telephony, civil and military engineering, models, plans, and designs for public works, architecture, and architectural engineering. These fifteen groups are divided into 121 classes, and each class covers a distinct feature of the group in which it is placed.

HAS WIDE EXPERIENCE.

Hardee has enjoyed a wide experience in exposition practice. He was principal assistant to Walter B. Stevens, who was the general secretary and also director of exploitation for the St. Louis World's Fair of 1904. Prior to the opening Hardee spent considerable time abroad for that great undertaking, circling the globe as special commissioner with John Barrett, the commissioner-general to foreign countries.

While in St. Louis Hardee also acted as St. Louis representative of the Lewis and Clark Exposition of Portland, where he subsequently became assistant to the president. In this capacity he planned and directed all the special events and entertained at that very successful exposition.

Hardee first became associated with the Panama-Pacific International Exposition in a voluntary capacity during the spring of 1910. As secretary for the executive council of the finance committee he was of material assistance in that active campaign which resulted in raising the exposition subscription fund. He entered the exposition's employ in September, 1911, and last winter acted as secretary to President Moore during that official's visit to Washington. Upon their return Hardee was appointed executive officer of the commission extraordinary to Europe and accompanied that important mission to the fifteen European capitals.

Liberal Arts Exhibit.

Architecture and Engineering to be
Feature of Exposition.

The Panama-Pacific International Exposition in 1915 will display in a most comprehensive manner the achievements and activities of mankind during the last decade. The ex-

hibits covered by the Official Classification for the Department of Liberal Arts will be notably interesting and significant.

The advance in Architecture, its allied arts and Engineering, has exercised a potent influence upon the improvement of conditions in economic life, and the exhibits portraying these advances should be especially complete and characteristic. They comprise drawings, models and photographs of Architecture and Engineering in their various branches, plans followed in the improvement of rivers and harbors, waterworks and sanitation, irrigation and road making methods, specimens of artificial stone and kindred building material, processes used in testing structural materials, and special contrivances for safety, comfort and convenience in buildings.

Among the most interesting exhibits in modern architecture for study and admiration here in 1915 will be the splendid structures and landscaping of the Exposition itself and the remarkable construction of the City of San Francisco. In engineering the crowning achievement is the Panama Canal which will be illustrated by working models. These exhibits will be housed in the Palace of Liberal Arts. They must of necessity be **SELECTIVE** in character because of the comparative limitation of space which, by reason of wider participation and the world's more extended productivity, will be more restricted than at previous International Expositions. This will emphasize the advisability of applying immediately for exhibit space which is free.

We should be glad to know that you will give serious consideration to the desirability of your participation. The keen interest manifested by both American exhibitors and foreign governments, assures an Exposition of the most representative international character. Twenty-six foreign countries have already accepted the invitation of the President of the United States to participate, and thirty-five States have likewise signified their intention to take part.

The opening of the Panama Canal means the development of new avenues of commerce, the extent of which it is impossible to overestimate. The Universal Exposition at San Francisco in 1915 will afford a rare opportunity to bring the skill of the Architect and the Engineer, and the structural materials utilized by them, to the world's particular notice. Blank applications for space and other information prepared for the guidance of exhibitors, will be forwarded on request.

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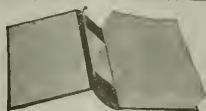
This firm has just finished the California Tool Works on Beale street near Howard, and about to start the large job on Fillmore street from Turk to Eddy. They have just secured the job for the Pacific Gas and Electric Company Building at Sacramento. They are practical workmen and work entrusted to their care will be properly attended to.

GOLDEN GATE BRICK COMPANY SECURE CONTRACT FOR CLAY PARTITION TILE FOR STATE ARMORY.

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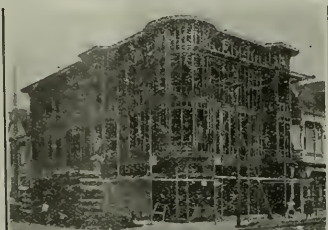
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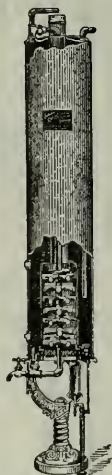
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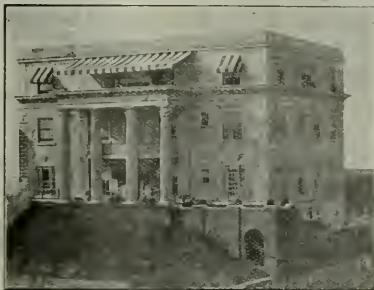
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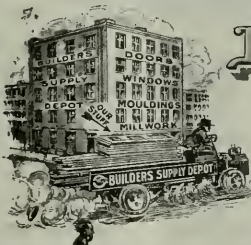
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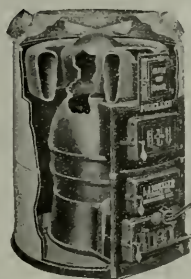
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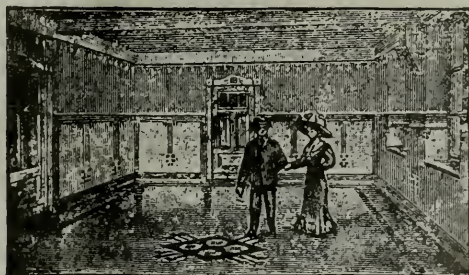
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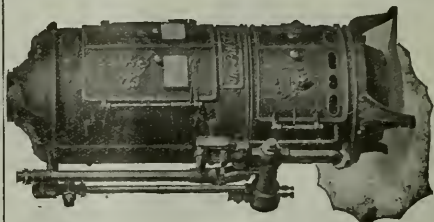
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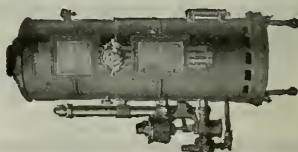
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Gladding, Mc-

Mealey & Collins
Messner, P.
McWhirter &
Drake
Millerick, Phil. J.
Oberfeld, Chas.
O'Rourke, T. F.
Reed & White
Tingberg, John
Watson Bros.

Brick Dealers.

Bay Develop. Co.
Cal. Pottery Co.
Carnegie Brick &
Pottery Co.
City Supply Co.
Diamond Brick Co.
Tile Co.
Gladding - Mc-
Bean Co.
McNee Brick
Agency

Steiger Terra Cot-
ta & Pottery Wks
Vallejo Brick &
Western Develop-
ment Syndicate
Western Lime &
Cement Co.

Building Journals
Building & In-
dustrial News.
Daily Pacific
Builder

Building Materials
Altinger, E.
Alsen's Portland
Cement Co.
Baker & Hamil-
ton
Bay Develop. Co.
Bell, Wm. R.
Bergner Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Mate-
rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.
Clyde & Hy-
dramatic Co.
Carnegie Brick &
Pottery Co.
Crown Lime and
Cement Co.
Diamond Brick Co.
Dwan Co., J. E.
Falls Mfg. Co.
Full & Co., W. P.
Gladding - Mc-
Bean Co.

Guerin & Co., J. S.
Holland, J. P.
Quality Lime &
Cement Co.
Lilley & Thurston
Co.
Pacific Portland
Cement Co.
Shasta Lime pro-
ducts Co.
Standard Portland
Cement Co.
Waterhouse &
Price Co.
Western Lime &
Cement Co.
Chimney, Patent
Culinary Co., L. E.
Dresser - McDon-
nell Co.
Dunley & Gettle
Hughes, H. J.
Concrete Contrac-
tors.

Arras, Adam
Barrett & Hill
Camp & Carrillon
Chalmers, H. A.
(Inc.)
Chase, S. A.
Co-operative Ar-
chitectural Stone
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Dillon, H.
Eggen, A. C.
Flaherty, N. N.
Gass Bros. Co.
Gilmour, W. G.
Gnecco, M. H.
Grussel, Herman
Hansen & John-
son.
Haun, C. C. W.
Hurley, P.
Leonard, J. P.
McCabe & Brown
McClennahan, T. W.
McGregor, O. K.
Matson.
Mission Concrete
& Mosale Wks.
Nelson & Co., C. O.
New Era Marble
& Concrete Co.
Nugent, Robinson
Peterson - Nelson
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Rasmussen, A.
Rupp, G. P.
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Schlosser, Max
Schmidt & Son, J.
Sparks, John
Stanquist & Tay-
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Stanquist & Tay-

- Galvanized Iron.**
Baker & Hamilton
Lengner Mfg. Co.
- Gas Fixture.**
American Gas & Elec. Fixture Co.
Glass & Glazing.
Cal. Plate & Window Glass Co.
Cohen, I.
Fauler Co., W. P.
Grosslicht & Dinkne
Habeneicht & Howlett
Mission Plate & Window Glass Co.
Pioneer Plate & Window Glass Co.
Schwarz & Gottlieb
Thamas & Snelder
Art Glass Co.
- Grading.**
Brannick, J. P.
Button, I. V.
Cassaretto, John
Devincenzi & Co., L.
Dillon Teaming Co.
Gallen, Carlin & McCrooy
Hartnett, J. D.
Holland, J. P.
Lennon, C. J. E.
Leder & Spinks
Luggen, Ernest
McGuffigan, P. J.
McGlinchey & Monahan
Monarch Team Co.
Montague Co., P.
Nonnan Bros.
O'Day Co., D.
O'Donnell, Philip
Olmo & Son, J.
Powers, Chas. J.
Rahman & Woods
Star Con. Co., H.
Wright, C. I. H.
Granite Curbing.
Graham Granite Co.
Leone Granite Co., V.
Pacific Granite Co.
Placer Granite Co.
- Gravel.**
Bay Devel. Co.
Cal. Building Material Co.
Standard Crushed Rock Co.
Stone Co., E. B. & A. L.
- Hardwood Dealers.**
Inland Floor Co.
Hardwood Interior Co.
Wood Lumber Co., E. K.
- Hardware, Bldrs.**
Baker & Hamilton
Brittain & Co.
Joost Bros.
Marshall - Newell Supply
Meyer, Adolph
Norman & Sons, F. G.
Palmer Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.
- Hay & Grain.**
Algeltinger, E.
Farrell, M. W.
- Heating & Ventilating.**
Ahlbach & Mayer
Atlas Heating & Ventilating Co.
General Eng. & Kierman & O'Brien
Lawson, Herman
Looney Co., J.
Manngum & Otter
Snook & Son, Wm S.
Turner Co., The
Houses Movers & Runners.
Hatch, H. L.
Moore, P. A.
Pearson, A.
Pearson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.
- Inland Floors.**
L. H. Carquet Floor Co.
Hardwood Interior Co.
Inland Floor Co.
Pac. Floor Sanding Co.
Iron & Steel.
Baker & Hamilton
Dawson & Noyes
Judson Mfg. Co.
Woods & Huddart
Art Metal Works.
Brode Iron Wks.
Dyer Bros.
Eureka Wire & Iron Wks.
Folsom St. Iron Works.
Glasser & Kloeres
Golden Gate Iron Works.
Hillard Co., C. J.
Michel & Pfeffer
Monarch Iron Works
North Star Iron Works
Raisel Iron Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron Works
Security Iron Wks.
Steiger & Kerr
Stove & Foundry Co.
West Coast Wire & Iron Works
Western Iron Works
Zerk Iron Wks.
Johs. Hangers & Post Caps.
Kortick - Falls Mfg. Co.
Lilly & Thurston Co.
Waterhouse & Price Co.
Western Bldrs. Supply Co.
Lathers, Wood & Metal.
Hayden, Fred
Lynch, Richard
McAbee, E. T.
Raymond, Wm. H.
Ward, J. E.
- Lime & Plaster Dealers.**
Arden Plaster Co.
Cal. Lime & Hydrate Co.
Cowell Lime & Cement Co.
Guertin & Co. J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland Cement Co.
Quality Lime products Co.
Western Lime & Cement Co.
- Lumber Dealers.**
Acme Lumber Co.
Christenson Lumber Co.
Columbia Lumber Co.
Doe Co., Frank P.
Hart-Wood Lumber Co.
Hauptman Lumber Co.
Kruse Co., J. H.
Horn Lumber Co.
Loop Lumber Co.
MacDonald Lumber Co.
Moore Mill and Lumber Co.
Olson - Mahony Lumber Co.
Pope & Talbot.
Reinhardt, Mill & Lumber Co.
Santa Clara Valley Mill & Lumber Co.
Santa Fe Lumber Co.
S. F. Lumber Co.
Scher & Suten & Co., J. W.
Van Arsdale-Harris Lumber Co.
W. A. Brown & Co.
Wall, Jos. P.
Wood Lumber Co., E. K.
Yatea, Wm. F.
- Magnetic Floor.**
Artolith Mfg. Co.
Bender R.&R. Co.
Dwan & Co., J. E.
Barrett R.&F. Co.
Fibre Stone & Roofing Co.
Goodrich R.&P. Co.
R. H.
Goldmansan, A. K.
Hergens, Fred C.
Mahott & Peterson
Therman & Beronio
Watsonite Co.
Mantels, Tiles & Tiles.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Donoghue
Manngum & Otter
Peerless Agencies Co.
Petrovsky, John
Thomson, J. W.
Watson Mantel & Tile Co.
Marble and Mosaic Work.
Florentine Art Studio
Gervais, Henry
Giacco, M. H.
Graessl & Co., P.
Mission Concrete & Mosaic Wks.
Musto Sona-Keenan Co.
New Era Marble & Concrete Co.
Metal Lath.
Atlantic Fire-proofing Co.
Berk Mfg. Co.
Lilly & Thurston Co.
Roebing Constr. Co.
Waterhouse & Price
Western Builders' Supply Co.
Main Stamping S. F. Metal Stamping & Corr. Co.
Oils and Greases.
Standard Oil Co.
Ornamental Plastering.
Blinner, Theodore
Larson, O. F.
Lips & J. P. Woods, John P.
Painters and Decorators.
Baker Co., W. T.
Bernstein, Wm.
Blum, Louis
Burns, Joseph
Clark & Dickson
Cookey, Al.
Dahl, T. H.
Donovan, V. J.
Erickson, Wm.
Flynn & Mikkelson.
Hansen, Elbing A.
Jourdian, Al.
Le Baron Painting Co.
Miller, J. A.
McCubbin, James
Manning, John
Neal, L.
Quander & Son
Renfro & Co., J. F.
Ruderman, J.
Schaffer, Wm. F.
Shenaukhoff Co., Fred
Smith, J. S.
Smith, C. B.
Storch, Herman
Schroeder
Spark & Sons.
John H.
Swanson, Peter
The Globe Painters.
Walker, Mayer
Wagner Bros.
Wagner Bros.
Zelinsky, R.
Paints, Oils Varnishes, Etc.
Clark & Dickson
Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
Peters & Lambert
Whittier - Coburn Co.
Warden - Meeker
Varnish Co.
- Patent Chimneys.**
Clawson Co., L. E.
Dresser - Melborn
Hughes, H. C.
Dumphy & Gettle
The Driving.
Yosemite Constr. Co.
- Planing Mills.**
Anderson Bros.
Birt Co., L. H.
Builders' Supply Depot
Cal. Door Co.
Cal. Planing Mill.
Elkington
Hucke
Empire Planing Mill
Hermann, A.
Herrling's Mill
Holden - Deuprey Co.
Loren Mill Co., J. P.
Main St. Planing
Moore Mill & Lumber Co.
Pac. Coast Mill & Lumber Co.
Premis Planing Mill
Reinhardt Lumber & Planing Mill
San Mateo Planing Mill
Santa Clara Valley Mill & Lumber Co.
Searle & Hayman
Spence St. Planing Mill
Taylor & Co.
Usoria Mfg. Co.
Western Planing Mill
Veyhle & Collins
Yates, Wm. F.
- Plasterers.**
Brady & O'Reilly
Brennan, James
Burt, Chas. J.
Campbell, Chas.
Cashman, M. J.
Chalmers, H. A. (Inc.)
Glosser, G. W.
Glosser & Kaiser
Cline, T. J.
Greenback, Joe
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Eraser, Simon
Fry, A.
Gilmour, W. G.
Jacobson, N.
Kaiser, Jos.
Leaf & Kaiser
Mowat Donald
Orford, J. A.
Phil, J. J.
Terranova, M. J.
The Pacific Plastering Co.
Wagner, James A.
Plumbing and Gas Fitting.
Ahlbach & Mayer
Boscut Bros.
Bernard, Geo. F.
Condon & Band
Empire Plumbing Co.
Flood & Hammond
Goss, Wm. P.
Grundy, Edward
Houston, J. J.
Jacobs & Herger
Kane, F. E.
Kelly, Henry M.
Kiernan & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing Co.
Looney Co., M.
May, Gus
McLeod, J. J.
Perazzini, H. J.
Peters, Thomas
Snook & Son, W. S.
Stewart, James E.
Tilpitt, J. C.
Turner Co., The
Ward & Co.
Wilson & Co., Wm. F.
- Plumber Supplies.**
Neilsen Mfg. Co.
Rail-road Agent.
Freight & Passenger.
Kent, James B.
- Railway Materials.**
Lanford, Bacon & Meyers.
Orenstein - Arthur
Koppel Co.
Rent Estate.
Ludwig, J. C.
Rigging.
Yosemite Constr. Co.
Lamburth, C. E.
Markley, James E.
Roofing, Gravel & Composition.
Andes Roofing Co., B. F.
Bender Roofing & Paving Co.
Cal. Roofing Co.
Cantley & Co., J.
Enterprise Roofing Co.
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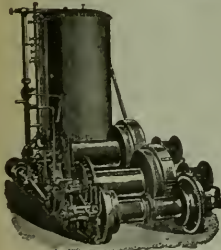
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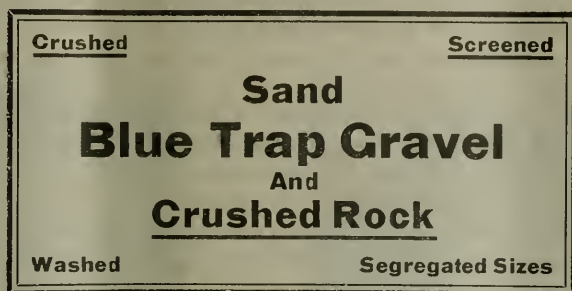
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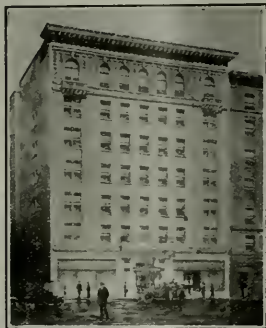
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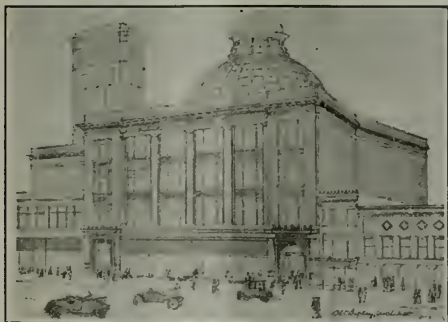
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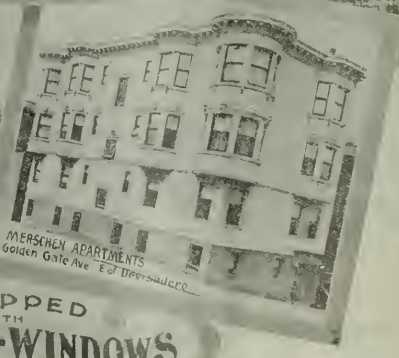
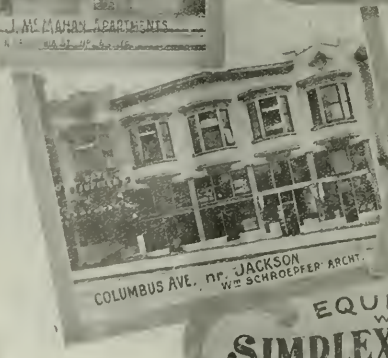
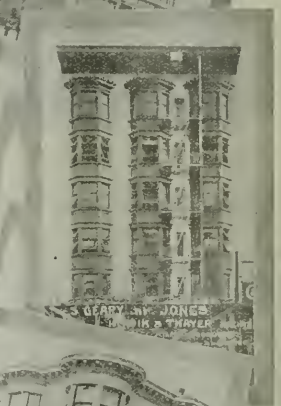
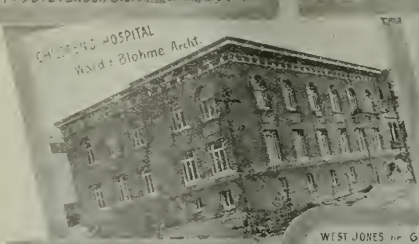


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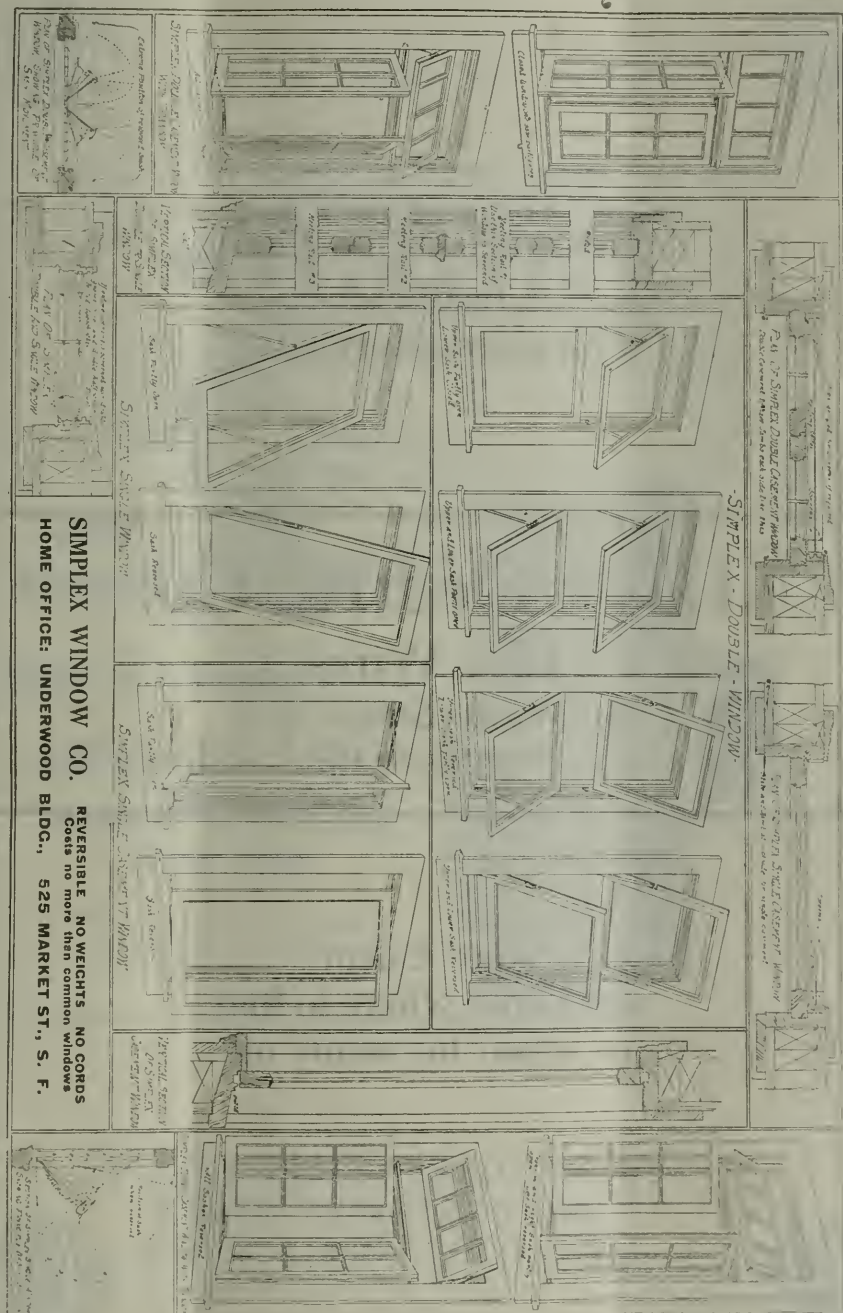
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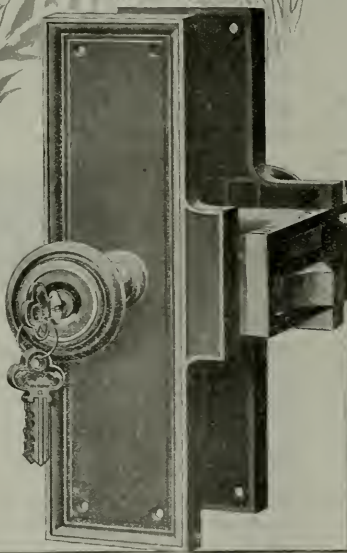
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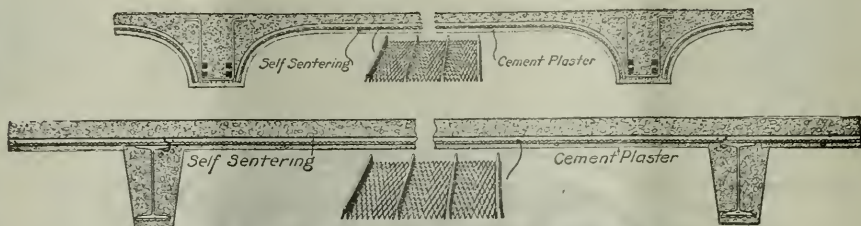
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Building and Industrial News

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Editorial Comment.

One warm Sunday since the completion of the Geary Street road from the Ferry to the Cliff House Beach and that road's receipts for the day amount to practically \$2000. This looks like municipal ownership is not such a bad thing after all. And added to that the public has a little comfort in riding on its own line. For the cars are built with some regard for the comfort of the passengers. The cane upholstering provides comfortable seats. The contrivances for holding on to the straps are comfortable conveniences for those who must stand. There are ample and spacious platforms for entrance and exit. There are open compartments where one can ride and get the open air and where a man can finish his cigar, if he happens to be smoking. The car is lighted with Tungsten lights and if one desires to read at night there is abundance of light.

So also the cars make good time on the trip as the wide aisles, exits and entrances permit the crowds to be handled expeditiously. If there were nothing else to be gained it would pay to have a municipal line just to demonstrate what can be done when the interests of the public are at all considered.

The Pay-as-you-enter cars of the United Railroads are about as comfortable as a cattle car. Passengers are admitted about as conveniently as crawling through a knothole and are discharged about as rapidly as going through a window. There is no place to smoke. There is a single side seat running the length of the car. The whole thing is made to compel people to stand up, about four deep, the entire length of the car. In such a packed condition a person in the center attempts to get off at a cross street and it takes him about fifteen minutes to effect his escape. So it takes him about three times as long to get to or from his work as the case may be, in order that he may help to pay the dividend on about 50 millions of watered capital of the United Railroads.

The Geary street road has compelled the United Railroads to imitate the style of its cars. They are poor imitations. It is true, but they furnish a great many more comforts than the old ones. So that even now the good effect of having a practical demonstration is felt.

The bond issue election next month should meet with the unqualified approval of the electorate. We need more municipal lines. If we are to handle any part of the exposition crowds or get any consideration at all from the trolley trust we must have a

means of fighting them. The municipal road is the thing. Vote for the extension at the next election.

The Architectural Review for April, 1913, is a Special Hotel number. It contains 178 pages, principally pictures of the most important hostleries of the country and is an important addition to the architectural publications of the country and is a splendid example of the printers' art. The halftones are particularly good.

Among the illustrations are views of the Palace, Fairmont, and St. Francis Hotels in San Francisco and the Hotel Oakland in Oakland, both in perspective and detail. Considering the important notice which these local hotels receive in this New York publication the local builders may feel some just pride in their work.

The encampment at Gettysburg has come and gone. Fifty years have elapsed since that memorable three days' battle. But a handful of the survivors of the great struggle remained to meet upon the memorable battlefield and the coming years will soon claim even those few. The address of President Wilson at the encampment was a forcible reminder of the change of history and the rapid succession of events in everyday life. July 3, 1863, was fought the greatest battle of the Civil War on the field of Gettysburg, Pennsylvania. It marked the northern limit of Lee's invasion of the North. Four months later the immortal Lincoln delivered on the field the greatest memorial address ever given. Then the country was in the throes of a civil war. Differences of opinion and the question of African slavery had caused the different partisans to resort to the barbarous use of arms to settle a dispute. The result was one of the greatest wars in history, an unprecedented loss of life and treasure.

The generation that fought the battle of the Civil War has passed. Some of the scars of battle still remain. The South is still "solid" in its political vote. But on the field of Gettysburg, the North and the South have met in friendly commemoration and a Democratic President has appealed to the people to meet the new duties that a new time demands. In this there is a lesson to the thinking man and a fulfillment of Lincoln's prayer. The men who fell at Gettysburg did not die in vain, and those who survived Gettysburg have not lived in vain; for, by the sacrifice of the one part and the devotion of the other, this nation, under God, has had its new birth of freedom, and government of the people, by the people, and for the people, has not perished from the earth.

Consideration Of Highway Construction Methods.

By F. N. Hingham, C. E.*

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Written for Pacific Municipalities.

There is probably no subject before the American people that is of such vast importance as that of permanent highway construction; that this fact is being recognized is everywhere in evidence. Legislative bodies are appropriating large sums of money for roads, civic bodies are everywhere discussing roads, and the press of the entire country is devoting pages to this problem. It is the great problem of today, the building of successful highways that will embody those standard forms of construction that have proven their worth by actual tests of time and traffic and that will combine the following essential features named in the reverse order of their importance: non-slipperiness, low first cost, sanitation, ease of traction, low cost of maintenance. The principal reason for this problem presenting so many difficulties is the wide range in local conditions, which are climatic, nature and amount of the traffic, the availability of materials, drainage problems, and last, to my mind the most important, the lack of standardization in methods of roadway construction.

Manufacturers and producers of materials that can be used in roadway construction have for a long time realized this immense outlet for their materials, with the result that almost every conceivable theory upon which a cheap roadway might be built has been advanced. This has naturally resulted in great confusion relative to the merits of the different types of roadway and a still greater lack of standardization in methods of roadway construction which leads to experimenting, and thus we have types of roadways being built that are not based upon standard forms of construction. It is no longer a question of getting the taxpayers to stand the expense, but it is a serious question as to the type of roadway to select and the manner in which it is built.

A permanent hard surface roadway is necessarily an expensive improvement, but, in considering this expense, too often the first cost is given the most serious consideration, when, in view of the fact that a hard surface roadway must be considered as a permanent improvement, the cost of maintenance must, to be in accordance with ordinary good judgment, be given the chief consideration, and no type of roadway building should be adopted, except in a small, experimental way, that is not based on standard forms of construction that have proven their value by actual tests of time and traffic. The principles involved in the economic construction and maintenance of highways and railroads may be considered as being the same. A chief engineer of a modern railroad system looks, first of all, to the cost of maintenance in the building of his road, and will expend vast sums in adopting his ties, in building immense culverts and drainage systems to protect his roadbed, all with a view

of decreasing maintenance cost and lengthening the life of his road, and any class of construction which he may class as being in the experimental stages, he does not adopt to any extent until he has proven to him beyond a doubt, by practical tests of time and traffic, that these experiments are worthy of general adoption.

It is to be regretted that in highway construction there is often a tendency to disregard the proven standard forms of construction, and, in order to increase the number of miles improved, the most absurd theories will be adopted for their construction, not in a small, experimental way, but many miles of roadway wearing surface will be put down that, to say the least, are in the experimental stages. When a county, district or state adopts a type of construction that eventually proves unsatisfactory, it reflects on highways and highway engineers in general, and seriously hurts this great project.

It seems to me that it would be far more rational to construct a smaller number of miles of roadway, and build them according to what we know by long experience has proven satisfactory, than to make an appropriation stretch over a large number of miles and, in so doing, adopt a type of wearing surface that has not proven itself, and has little to commend it but a low first cost.

It is perhaps true that the ideal roadway has not been reached, but we have had proven to us beyond a doubt that certain principles are necessary in the ideal roadway wearing surface, namely: resilience, elasticity, noiselessness, sanitation, stability, wearing qualities, ease of maintenance and a reasonable first cost cost, and the sacrifice of any of these fundamental principles of successful roadway building in order to reduce the first cost is poor economy; therefore, these principles should be constantly borne in mind when considering the cheap, experimental types of roadway wearing surface that as yet have little to recommend them aside from their low first cost.

In searching the records of highway construction, both in this country and in Europe, for data on standard types of construction, we find that the macadam type of roadway, with several variations, has been used more than any other, and it has answered the purpose of a cheap type of roadway for a long time; but with the advent of the power driven vehicles, roadway engineers were quick to realize that something besides the ordinary macadam wearing surface was required to stand that rapidly increasing class of traffic, as it was readily seen that a rapidly moving pneumatic tire created sufficient suction to first loosen and then remove the finer mineral particles in the wearing surface. This destroys the fundamental principle of the pavement by leaving the remaining wearing surface with a high percentage of voids, which decreases its stability to such an extent that disintegration rapidly takes place.

Among the first to recognize this fact was the Massachusetts State Highway Commission. In their report of 1905 they say: "Since the advent of the automobile the macadam type of roadway construction is a thing of the past," and in their report of 1906 they emphasize this fact stronger than before. The high cost of maintenance each year was making this heretofore cheap type of road the most expensive. Data collected from 37 counties show that in the period of less than five years, during which the automobile came into general use, the cost of the yearly maintenance on macadam roads increased almost 100 per cent, and these are conservative figures. This high yearly maintenance, which added to the first cost, makes the macadam type of construction more expensive than a permanent hard surface pavement. At a recent meeting of the American Society of Civil Engineers, Col. James W. Howard, the well-known road expert, called attention to the fact that states had been borrowing money on 20-year bonds to build macadam roads, when the roads would be worn out long before the bonds were paid.

The use of heavy asphaltic oil in the construction of macadam roadways has been tried extensively, with the hope that the oil would bind or cement the material particles together, and thus have the stress of traffic come upon the several surfaces of the stone, the action of the oil, it is hoped, would be to keep the particles of stone from being dislodged.

Practice has shown that the results obtained by the use of heavy oil in the construction of macadam roadways has been more or less of a failure in producing a permanent hard surface roadway. The reason for this is, in the first place, there is very little cementing value to an oil. Its real value is to take the place of water and keep the stone moist and, while we speak of an oil containing 80 per cent of asphalt, the percentage of asphalt as it applies to the cementing value of the oil, does not mean much, because the remaining 20 per cent acts as a solvent for the 80 per cent asphalt, and the ratio between the cementing value of asphaltic oil and an asphaltic cement is not in the same proportion as the percentage of asphalt in the oil.

Aside from the lack of cementing value in asphaltic oils, another reason for the failure of this type of construction is the difficulty of applying the oil in definite and uniform quantities.

It is essential that any cementing material be applied in definite uniform quantities, and should reach all surfaces of each and every particle of the mineral aggregate. This is practically an impossibility in oil macadam construction when we consider that the oil is applied to the stone by sprinkling or pouring. The amount of oil is usually ununiform, and does not thoroughly coat the stone. As stated before, the various sizes of stone and mineral matter must be in such proportion as will produce the densest possible mass in itself before the ad-

dition of the oil, and if this is attempted in the macadam type of construction there is great difficulty in getting the oil to penetrate into the stone, which sometimes accounts for an excess of oil on the surface, which is known as bleeding; however, this condition is more apt to follow an ununiform application of oil; the unsatisfactory and ununiform results obtained by this method of construction force us to turn to the asphalt or bituminous concrete wearing surface, where the mixture is properly graded, treated and mixed in accurate, definite proportions before it is laid.

It is the writer's belief, and this belief is shared by many of the most prominent roadway engineers in this country and in Europe, that a bituminous concrete wearing surface with certain variations in thickness and foundation is the best type of roadway construction known today, and will eventually be adopted as a standard for roadway construction.

In the construction of this type of roadway the usual standard methods of preliminary grading and drainage is applicable, and we have first to consider the base or foundation that will support the wearing surface.

The first principle to be considered in any class of construction is a suitable foundation to carry the load imposed upon it. Different types of wearing surface demand different types of base or foundation. What is known as the standard asphalt mixture, which is composed largely of sand, with a large percentage of voids, is naturally unstable in itself, and must depend on a rigid concrete base for its support, while in the case of a true bituminous concrete wearing surface composed largely of broken stone of sufficient size to support the traffic in itself, so graded as to eliminate the voids, we have a mixture that has strength and stability within itself and does not demand so rigid a base; in fact, we have millions of yards of bituminous concrete wearing surface laid on a bituminous base withstanding all sorts of conditions of climate and traffic, year after year, with highly satisfactory results.

A portland cement concrete base is undoubtedly a standard form of base under all types of wearing surface, regardless of the fact that some types of wearing surface may not demand it. However, the practice of using a temporary or inadequate wearing surface on a concrete base is not in accordance with good construction principles, and must necessarily result in much disappointment and very high maintenance.

An erroneous idea is often advanced in justification of a heavy expenditure for a base and the use of temporary or experimental wearing surface, with the idea that, after the wearing surface is gone the base still remains as good as ever. Theoretically, this is true, but in the case of the ordinary concrete base with a temporary wearing surface, we find that after the wearing surface is gone and it comes to resurface it, the experience has been in the past that by the time the money is available for resurfacing, the concrete is badly worn, so that it is necessary to spend a large amount of money in repairing the base. Repairs on pavements are never made until the road is in such bad condition that repairs are demanded, and in this type

of construction it is then too late, so far as saving the base without expensive repairs is concerned, and repairs to a concrete base is very expensive in proportion to its first cost, as it is a well-known fact that concrete is hard to repair. A badly disintegrated spot has to be entirely cut out and a new section put in, as a so-called skin patch or plaster will not bond or unite to the old surface and, even when a new section is put in, the joints do not unite, and thus we have an opening allowing water to get in between the base and wearing surface. The idea has been advanced that it is not necessary to repair the worn spots on the concrete base, but, in resurfacing with the permanent bituminous concrete wearing surface, let the new wearing surface fill the holes. The fallacy of this argument lies in the fact that uniform and maximum compression is essential to a perfect bituminous concrete pavement, and it is apparent that if the bituminous wearing surface were two inches in some places and three or four inches thick in others, the compression would be neither uniform or sufficient in the thicker spots.

Now, in considering a wearing surface that will have the qualifications heretofore mentioned, we must realize that no hit-or-miss methods will produce such a bituminous concrete wearing surface.

It has been demonstrated by past experience that no bituminous wearing surface less than two inches in thickness will successfully withstand traffic, and even at this thickness it must be carefully and scientifically prepared and put down, as a variance from whatever formula is necessary to meet local conditions will produce poor results.

Municipal engineers and others interested in the scientific laying of bituminous concrete pavements maintain chemists and well-equipped laboratories, and by this method keep constant watch on the mixtures and materials, and are repaid by uniform and highly satisfactory results. They have established, beyond a doubt, that to produce a stable, elastic, waterproof, traffic-resisting wearing surface, either on a concrete or bituminous base, it is necessary to heat and mix the bituminous cement and mineral aggregate, be it sand, gravel or crushed rock, in definite proportions in a mechanical mixer, and then spread while hot over the base to such a depth that, after compression, the resulting wearing surface will be of uniform thickness from one and one-half to three inches, as the conditions may require. Even the time and manner of rolling are very important. That the desired bituminous wearing surface can be obtained by painting a base with a thin coating of asphalt, or other bitumen, which in itself has no traffic resisting qualities, into which has been incorporated approximately 50 per cent of the mineral filler, or by sifting certain quantities of sand into it until it shall have a thickness of one-quarter to three-quarters of an inch, is a mistake, and not in accordance with scientific methods of construction.

In properly constructed bituminous concrete wearing surface the mineral aggregate is so proportioned, ranging from particles of the larger size to that of the finest powder, so that the voids or spaces between the larger

size are filled with the mineral particles of the next smaller size, and so on, until the mineral matter in itself reaches the greatest possible degree of density, and they in reality withstand the strain and stress of traffic, the asphalt cement merely binding or holding the various mineral particles together.

This type of wearing surface can be put down on either a concrete or bituminous base, as the case may demand, with every assurance that it will be as near perfection as we know how to build roads, and at a cost, maintenance considered, in accordance with the most economical practices; and, most important of all, it is not an experiment, but has proven its worth by years of actual wear.

In searching for expert opinion on the ideal type of road construction, I have been forcibly impressed by the fact that, out of a large number of engineers and paving chemists interviewed on this subject, I found none but what said: "A well-constructed bituminous concrete wearing surface, all things considered, is probably the best type of hard surface roadway in existence today."

Few men are better qualified to speak on that subject of highway construction than Mr. Otto Klien, director of the testing laboratory, and roadway expert for the city of New York. Mr. Klien spent several months in investigating pavement and roadway building on the Pacific Coast. He says in effect: "My experience on the Pacific Coast teaches me that it would be difficult to improve on the bituminous concrete pavements I saw in Portland. They are among the finest I have ever seen in the world."

There is no one man in this country who has done more toward perfecting the science of pavement and roadway building than the well-known chemist, engineer and author Mr. Clifford Richardson of New York. For years his opinion has been considered, both in this country and in Europe, authority on roadway building, and his books and writings on this subject are to be found in all well-equipped libraries. To those of us who are interested in the study of roadway building along its most scientific lines, the following extract from a letter the writer recently received from Mr. Richardson cannot but help but have great weight: "During the twenty-five years that I have been engaged in the paving industry, bituminous pavements and roadways have grown consistently in favor, notwithstanding all the attacks that have been made upon them, and it is my opinion that this growth will continue in the future, as far as standard forms of construction are concerned. Naturally, mushroom growths will appear from year to year, which are not based on standard forms of construction, and these eventually disappear. It is astonishing to what a small degree our highway engineers benefit by the experience of the past and continue to chase phantom and impossible forms of construction."

The art of building bituminous roadways is rapidly becoming an exact science. The experimental stages are a thing of the past. We have examples of this type of construction that have given satisfaction for over thirty years, and many improvements have been made during that time. There has been discovered certain underly-

ing principles regarding both the mineral aggregate and the asphalt, or bituminous cement, that govern the life and behavior of the bituminous pavements under varying conditions of climate and traffic.

We of the Pacific Coast are exceptionally fortunate in having at hand large quantities of all the materials to build bituminous concrete pavements. The vast deposits of oil in California, with its heavy asphaltic base, makes the production of an asphaltic cement under proper supervision that is now well understood, the equal of any asphaltic cement to be found in the world. This, with waterway competition in regard to transportation, makes this asphalt available at economical prices to all Pacific Coast districts. Large deposits of sand, gravel and rock are to be found in almost every locality. These materials combined with climatic conditions that are ideal for bituminous concrete, makes this type of construction the logical solution for the problem of roadway construction, especially

when we must continually bear in mind the all-important problem of maintenance.

When we look with pride at some particular pavement or roadway that has successfully withstood the wear and tear of traffic for many years, how little thought we usually give to its first cost. What concerns us most is the manner and methods of its construction, the class of materials used, and what has been its maintenance cost.

The old saying, "Quality is remembered long after cost is forgotten," applies most directly to pavements and roadway building, and nothing will retard this great movement so much as to adopt types of construction that are in the experimental stages, and upon which the cost of proper maintenance will be so high as to soon equal that of a standard bituminous concrete wearing surface laid on a suitable base, which time has proved to be a thing of beauty and a joy forever.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architect, Frank S. Holland, 100 Haight St., S. F. Owner's name withheld. The building will be erected on Fillmore near Hayes street, and has been designed to contain fifteen suites of two, three and four rooms. All apartments will have private bath and wall beds. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for Hector gas steam grates. Bath rooms will be finished in cement plaster. Exterior of the building will be faced with cement plaster on metal lath. Some tile and mosaic will be called for in the specifications. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architects, Rousseau & Rousseau, Monahan Bldg., S. F. Owners, David F. and William H. Kelley, 609 4th St., San Rafael. This building has been mentioned here before when plans were first started. The structure will be erected on Pine street west of Jones and has been arranged for a number of two and three room apartments with private bath. Interior finish will be of pine and redwood. Some elm panels will be used. There will be steam heat and a hot water supply. An automatic elevator will be installed. All suites will be equipped with wall beds. Entrance of vestibule will be finished in marble and mosaic. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will let all contracts.

SAN FRANCISCO—Apartment house, 3, 3 story and base, frame, \$8,000 to \$11,000. Architect, Albert Parr, Foxcroft Bldg., S. F. Owners, Metropolitan Investment Co., 353 Bush St., S. F. These buildings have been mentioned here before. Working drawings have been completed and work is about to

be started under the Day Labor system. One apartment house will be erected on Hyde street, 92 feet north of Sacramento, and will cost \$9,000. It will cover a lot 28x90 feet and contain six suites. Another building will be erected on Washington street, 148 feet east of Van Ness avenue, and will cover an area of 35x100. This building will cost \$11,000, and will contain six apartments. The third building will have a frontage of 25 feet and a depth of 74 feet, and will be erected on Sacramento, 77 feet west of Hyde. This building will also contain six apartments and will cost \$8,000. Interior finish in all the buildings will be of pine and redwood with some elm panels. Hardwood floors will be used. There will be central heating systems and hot water plants. Wall beds are specified for all apartments. Exteriors will be covered with rustic metal lath and plaster and shiplap. Plans are now in the hands of the owners who will do the excavating, concrete work and carpentry by Day Labor, and will sublet all other parts of the work. Materials for the work are now being purchased.

Contracts Awarded.

SEATTLE, WASH.—Apartment house alterations, 3 story and base, brick, \$30,000. Architect, J. Merrill Brown, Northern Bank Bldg., Seattle. Owners, Nebraska Investment Co. Contractor, John Kauffman, 605 8th avenue, Seattle. Contract price, \$20,000.

BANKS.

FOREST GROVE, ORE.—Bank, 3 story and base, brick and stone. Cost not stated. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, First National Bank of Forest Grove. The building will be erected on a corner and will cover an area of 50x62 feet. There will be one small store besides the banking rooms on the first floor. Upper two floors will be arranged for modern offices. Interior of

the banking rooms will be finished in pine, hardwood, marble and ornamental plaster. Plans provide for special bank fixtures, coin and safe deposit vaults. There will be steam heat. Marble and tile will be used in the halls on the upper floors. The exterior of the building will be faced with a local stone. Plans are being prepared and will be out for figures in a few weeks. Further mention of the work will be made at that time.

BRIDGES AND DAMS.

TACOMA, WASH.—Bridge, steel construction, \$300,000. Engineer, Engineering Dept. O. W. Ry and Navigation Co. Owners, Oregon-Washington Railway and Navigation Co. President Farrell has announced that plans are nearly complete for a large steel constructed bridge over the tide flats waterway to connect with the company's present depot. The president's announcement also carried with it the news of extensive track and freight yard improvements, and the construction of a reinforced concrete freight depot.

CHURCHES.

LOS ANGELES, CAL.—Mission house, 3 story and base, brick. Cost not stated. Architect, Robert Orr, Van Nuys Bldg., L. A. Owners, Christian Woman's Board of Missions. The building will be erected on Wall street and has been designed for a Japanese Mission. First floor will contain offices, class rooms and chapel. Second floor has been arranged for 20 sleeping rooms and the third floor for six three room apartments with private bath. Basement will contain kitchen and dining room. There will be steam heat. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are being prepared.

ROSEBURG, ORE.—Church, 1 story and base, concrete and frame, \$15,000. Architects, Tourtellotte & Hummell, Roehild Bldg., Portland. Owners, First Methodist Church of Roseburg. The building will contain a large main auditorium, Sunday school rooms, pastor's study, social hall and banquet room. Interior finish will be of pine and ornamental plaster. Art glass windows will be used. There will be a central heating system. Exterior of the building will be covered with cement plaster on metal lath. Plans will be complete and ready for figures within a week or ten days.

Contracts Awarded.

WHITTIER, CAL.—Church, 1 story and base, brick and concrete, \$15,000. Architect's name not stated. Owners, Roman Catholic Church. Contractor, J. H. Linkletter, 103 West Philadelphia St., Whittier. Contract price, \$15,000.

PHOENIX, ARIZ.—Church, 2 story and base, steel and stone, \$90,000. Architects, G. Wagner Construction Co., Phoenix. Owners, St. Mary's Catholic Church. Contractor, Ridley, Phoenix. Contract price, \$90,000.

COURT HOUSES.

SAN FRANCISCO—City Hall, Class A construction, \$1,500,000. Architects, Bakewell & Brown, 251 Kearny St., S.

F. Owners, City and County of San Francisco. Bids for the foundation work, concrete piers and additional excavating were opened at the Friday meeting of the Board of Public Works. Bids of the three lowest men will probably be considered. These bids were as follows: Sound Construction Co., \$44,882; Richard Doerfling, \$45,827, and B. T. Owsley, \$47,500. Besides the general bid seven unit prices were asked for. A complete list of these bids will be found under the heading of San Francisco in this issue.

FACTORIES & WAREHOUSES.

SACRAMENTO, CAL.—Packing plant, 1 and 2 story, reinforced concrete, \$33,000. Architects, Seadler & Hoen, Sacramento Owners, Swanton & Son, Sacramento. The owners have just announced their intention of building a large plant on the north bank of the American River north of Sacramento. The present plant, together with the bams and corrals will be removed and the site subdivided for city lots. Details of the construction have not been announced. Mr. Swanton has returned from a trip to Chicago where arrangements for special machinery were completed. Further mention of the work will be made in these columns at an early date.

LOS ANGELES, CAL.—Factory, 1 and 3 story and base, reinforced concrete. Cost not stated. Architects, H. J. Knauer and A. R. Hutchinson, 159 So. Western Ave., L. A. Owners, Homer Motors Co. The building will be erected on San Fernando Road and will cover an area of 150x200 feet. A portion of the building will be one story high and the balance three stories. There will be a concrete first floor, elevators and metal window sash and frames. Interior of the front portion will be finished in pine. Exterior will be faced with cement plaster. The industry is being financed by the sale of stock. Only preliminary plans have been prepared.

LOS ANGELES, CAL.—Brew house, 4 story and base, mill construction. Cost not stated. Architect, Griesler, 1014 Schiller Bldg., Chicago. Owners, Maier Brewing Co. The building will be an addition to the company's present plant, and will cover an area of 60x100 feet. Interior will be largely finished in tile and glazed brick. Exterior will be faced with red repressed brick. Special brewing machinery and equipment will be ordered in the east. Plans and specifications for the building will be completed and forwarded to Los Angeles within a week or ten days.

SEATTLE, WASH.—Warehouses, 2 3 story and base, reinforced concrete, \$175,000 each. Engineer, Paul P. Whitman, Port of Seattle Commission, Central Bldg., Seattle. Owners, Port of Seattle Commission. One of the warehouses will be erected on Lander street and will be 90x223 feet, and the other will be erected on Stacey street, covering an area of 90x201 feet. A third temporary warehouse of frame construction will be erected on Whatcom street, and will be 300 feet long. Plans will be completed for the buildings early in August. Exteriors will be faced with brick.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 3 story and base, reinforced concrete,

\$47,000. Architect's name not given. Owners, Los Angeles Board of Education. Contractors, Davidson Construction Co., 16th and Tennessee Sts., L. A. Contract price, \$47,000.

FIRE HOUSES.

SACRAMENTO, CAL.—Fire house, 1 story, brick and frame, \$7,000. Architect's name not given. Owners, City of Sacramento. Bids for the construction of the Oak Park fire house opened by the Commissioners, show W. C. Keating of Sacramento low at \$6,150. A contract has not been awarded. A list of the other bidders follows: Murcell & Haley bid \$6,739, and Robert Pondee asked \$11,000.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,000. Architect, J. Devenenz; 1069 Union St., S. F. Owner, Carmelo Arieta. The building will be erected on Union street east of Grant avenue and will have a street frontage of 24 feet 10 inches and a depth of 53 feet. Interior has been arranged for six apartment flats of three and four rooms. The interior finish will be of pine and redwood. Some hardwood floors will be used. Entrance will be finished in mosaic and tile. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with shiplap and rustic. Plans are complete and the work will be done by Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, Charles Fantoni, 916 Kearny St., S. F. Owner, W. W. Jameson. The building will contain two modern flats and is to be erected at the southwest corner of Washington and Priest streets. It will have a frontage of 21½ feet on Washington street and 37½ feet on Priest. Flats will consist of five and six rooms and bath. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap. Entrance will be finished in tile and mosaic. Plans are complete and the work will be done by Labor.

BERKELEY ALAMEDA CO., CAL.—Flats, remodel and additions, 3 story, frame, \$8,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The work will consist of remodeling the present building and adding one story. A store will occupy the first floor. Upper floors will be arranged for five flats. Interior finish will be of pine and redwood with some hardwood floors. New plumbing, plastering, electric work and trim will be used in the old portion of the building. Exterior will be covered with rustic. Mosaic and terrazzo will be used. Plans are complete and figures are being taken.

GARAGES.

SEATTLE, WASH.—Garage, 3 story and base, reinforced concrete, \$250,000. Architects, Haynes & Cantin, Melhorn Bldg., Seattle. Owners, Madison Square Building Co. The building will cover an area of 240x360 feet. Construction will be fireproof throughout, with reinforced concrete walls and

floors and metal lath and plaster par- will be used for storage purposes. titions. The first floor and basement. Upper floors will contain the offices, machine shops and a body and painting factory. There will be large elevators, sprinkler system and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Further mention will be made of this work as the plans progress.

LOS ANGELES, CAL.—Garage, 1 and 2 story and base, brick. Cost not stated. Architect, none. Owner, C. Will Ridsen, 210 West Eighth St., L. A. The building will be erected on Olive street and will cover an area of 50x163 feet. There will be sales rooms in the front portion of the building and storage space and a machine shop in the rear. Interior finish will be of pine and hardwood. Metal window sash and frames will be used. Floor will be of cement. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who is now taking figures on the work.

Contracts Awarded.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Garage, 1 story and base, steel and reinforced concrete, \$21,000. Architect, none. Owners, El Camino Real Garage. Contractors, Magnus Johnson and H. E. Bothin, Santa Barbara. Contract price, \$21,000.

GOVERNMENT WORK AND SUPPLIES.

Pearl Harbor, H. T., Hospital Building.

The bid of the Spaulding Construction Co., Portland, Ore., \$256,607 in amount, has been accepted for the construction of naval hospital buildings at Pearl Harbor under bids opened June 10.

A Bascule Bridge on Isthmus.

The Isthmian Canal Commission will soon call for bids to cover the design, fabrication, delivery, and erection (on bridge piers to be constructed by the commission) of a single-track, single-leaf, movable-span or bascule bridge over the French canal. The point where the bridge is to be erected is on the railroad connecting Cristobal terminal freight yard with Cristobal coal dock.

Extending Water System, Fort Worden.

The contract for furnishing 3,993 10 ft galvanized water pipe for extending the water distributing system at Fort Worden, Wash., has been awarded to James H. Coyne, of Port Townsend, Wash., at \$1,700.

Pearl Harbor, H. T., Gunners' Quarters.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., June 28 for constructing two gunners' quarters at the U. S. naval magazine, Island of Kahuia, Pearl Harbor, H. T.

Item 1, price for building complete, 2, deduct from item 1 if under floors be omitted from building.

Lord-Young Engineering Co., Honolulu, H. T., item 1, \$13,880, 2, \$210.

B. E. Duffey, 3673 15th street, San Francisco, Cal., item 1, \$15,811, 2, \$900.

Spaulding Construction Co., Chamber of Commerce, Portland, Ore. item 1, \$16,700; 2, \$55.

W. N. Concannon Co., San Francisco, Cal., item 1, \$18,600; 2, \$140.

Grass Valley, Cal., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., June 30, for the construction, complete, of the U. S. post office at Grass Valley, Cal.:

Bid 1. B. J. Duffey, San Francisco, Cal.

2. Campbell & Turner, Sacramento, Cal.

3. Gallagher & Wygant, San Francisco, Cal.

For using limestone for all stonework, except where granite or marble is specified—Bid 1, \$89,989; 2, \$77,480; 3, \$89,000.

For using sandstone for all stonework, except where granite or marble is specified—Bid 1, \$89,989; 2, \$77,489.

For alternate A (substituting terra cotta for reinforced concrete for floor construction, as specified), add—Bid 1, \$1,000; 2, \$1,480.

For alternate B (substituting reinforced concrete for plank roof of main building), add—Bid 1, \$3,000; 2, \$920.

For alternate C (substituting Keene's cement for plastering all walls, piers, etc., in first story, as specified), add—Bid 1, \$300; 2, \$310.

For alternate D (painting all plastered surfaces in finished rooms of basement, first story and mezzanine, as specified), add—Bid 2, \$726.

For alternate E (omitting cast-iron grilles from entrance doors and transoms as specified), deduct—Bid 2, \$150.

A Five-Hundred-Ton Forging Press.

The Isthmian Canal Commission will soon purchase a 500-ton high-speed forging press, capable of working down an 18-inch billet, designed to operate normally with compressed air at a pressure of from 85 to 95 pounds per square inch. The press must be designed so it will operate with steam at 100 pounds pressure per square inch instead of air should such action be desired at any time. The press shall be piped for both air and steam operation. It shall be of the four-column type and shall include the press proper, together with an intensifier and low-pressure tank, necessary valves, pipe, etc. The total stroke of the forging die shall be not less than 30 inches, with a power of forging strokes of not less than 5 inches to the maximum. It must be possible to obtain the full-pressure stroke at any point of the 30-inch travel. Simplicity of operation, reliability of control, and rapidity of adjustment and operation will be given special weight in making the award, economy of operation is essential, as well as accessibility of all parts for examination, adjustment and repair. The specifications, which will be ready in the course of a few days, will give full details.

Light House Service Lumber.

The following bids were received by the light house inspector, eighteenth district, San Francisco, Cal., on May 28, for furnishing lumber:

J. W. Schubert & Co., \$2,182.30.

Hart-Wood Lumber Co., San Francisco, Cal., \$2,076.55, accepted.

Olson-Mahony Lumber Co., \$2,662.50.

J. H. Kruss, \$2,250.10.

Santa Fe Lumber Co., \$2,144.03.

Fort D. A. Russell, Bakery.

The contract for remodeling bakery, building No. 266, Fort D. A. Russell, Wyo., has been awarded to R. M. La Fontaine, of Cheyenne, Wyo., at \$4,889.

Pearl Harbor, Officers' Quarters.

The following bids were received by: chief, bureau of yards and docks, Navy Department, Washington, D. C., June 28 for the construction of two officers' quarters, Nos. G and H, at the naval station, Pearl Harbor, H. T.:

Item 1, work complete; 2, deduct from item 1 for omitting screens; 3, deduct from item 1 for omitting bay windows in libraries and installing triple windows, omitting bookcases from libraries, omitting towel closets; 4, add to item 1 for two coats of stain instead of one; 5, add to item 1 if all joints between widths of compo board be covered with selected fir strip.

Spaulding Construction Co., Portland, Ore., item 1, \$19,875; 2, \$600; 3, \$150; 4, \$100; 5, \$150.

W. N. Concannon Co., Monadnock Building, San Francisco, Cal., item 1, \$25,95; 2, \$428; 3, \$160; 4, \$200; 5, \$300.

R. J. Duffey, San Francisco, Cal., item 1, \$21,900; 2, \$100; 3, \$200; 4, \$250; 5, \$220.

Lord-Young Engineering Co., Honolulu, H. T., item 1, \$19,440; 2, \$756; 3, \$300; 4, \$400; 5, \$400.

Purchase of an Extension Planer.

Isthmian canal circular No. 784 calls for bids for furnishing one extension planer, open side. The planer is to be installed in the permanent shops at Balboa and is to be of sufficient size to handle work 96 inches high, 132 inches wide between housings, and 24 feet long. The machine shall have a main housing on the right-hand side and an outer housing on the left-hand side. The outer housing shall be adjustable to and from the planer cable and so arranged that it can be entirely removed, the cross rail run back in its housing, and the machine operated open-sided on work that will not pass between the housings. With the outer housings removed, the machine must have a planing capacity of 96 inches high and 96 inches wide from the main housing. The motor shall be direct geared to the motor without the use of belting. The specifications contain further necessary details.

—HALLS & SOCIETY BLDGS.—

SAN FRANCISCO.—Lodge hall, 3 story and base, steel and concrete, \$75,000. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners Maritime Hall Association. Architect Paff has just been commissioned to prepare plans for a lodge hall for the Maritime Association, which will be erected on their property on Clay street east of Drumm. The building has been designed with a complete steel frame and foundations and walls heavy enough to support several additional stories. The building will have a frontage on Clay street of 50 feet and will extend through to Commercial street, a distance of 120 feet. There will be stores on the first floor and lodge halls, social rooms, banquet hall and offices on the upper floors. Plans provide for elevator service, steam heat, a vacuum cleaning system and metal window sash and frames. Exterior will be faced with mat glazed

and polyerome terra cotta. Plans are now being prepared.

SAN FRANCISCO.—Carpenter's hall, 3 story and base. Class C construction, \$40,000. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners, Carpenters' Hall Association. This organization has just sold their holdings together with their building in the Civic Center, and have purchased a new site at the corner of McCoppin and Valencia streets. The new building will cover an area of 75x90 feet and will be of the Class C type of construction. There will be three stores on the first floor, second floor will be arranged for an assembly room, office of the locals, card rooms, billiard hall and social rooms. The third floor will contain two large lodge rooms and committee rooms. Special features will be installed for the storing of tools, etc. Interior finish will be of pine and hardwoods. There will be a central heating system and elevator service. Exterior of the building will probably be faced with pressed brick. An estimated cost of \$10,000 is placed on the work. Plans are now being prepared for the work.

AUBURN, PLACER CO., CAL.—Club house, 2 story and base, reinforced concrete, \$12,000. Architect, Frank S. Holland, 100 Haight St., S. F. Owners, Tahoe Club. The building will be erected on one of the principal corners of the town of Auburn and will cover an area of 34x100 feet. There will be stores on the first floor and club rooms above. Interior of the second floor will be finished in pine and hardwoods. There will be a hot water heating system. Hardwood floors will be used. Exterior of the building will be faced with cement plaster. Stores will have large display windows in patent store fronts. Plans are nearly complete and figures will be taken within a few days.

MEDFORD, ORE.—Lodge hall, 3 story and base, brick. Cost not stated. Architect, Clark, Medford, care of Elks' Hall Association. The building will contain stores on the first floor and offices and lodge rooms on the upper floors. Mr. Clark has only just been commissioned to prepare the plans and details of the work are not yet available. Mr. Clark is not a practicing architect and correspondence with him will have to be carried on in care of the owners.

Contracts Awarded.

TILLAMOOK, ORE.—Lodge hall, 2 story and base, brick, \$20,000. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Tillamook Masonic Hall Association. Contractors, Trench & Parelius, Builders' Exchange, Portland. Contract price, \$20,000.

HOSPITALS.

ASTORIA, ORE.—Hospital, 2 story and base, brick and concrete, \$25,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Town of Astoria. The plans call for a T shape building 40x75, with a wing in the rear 40x10. The ground floor will be used for a laundry, kitchen, dining room and large store room. The first floor will contain three dormitories, two lavatories and the superintendent's quarters. The second floor will contain sick wards, operating room, bath, doctors' rooms and quarters for ma-

trons and nurses. Interior finish will be of pine and hardwood. Steam heat and a hot water system will be installed. Considerable marble and tile are specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are now being taken. Bids will be opened on August 4th. Plans can be secured from the architects or from the City Clerk of Astoria.

SPRINGFIELD, ORE.—Hospital, 3 story and base, reinforced concrete. Cost not stated. Architect not selected. Owner, Mrs. R. M. Baker, Springfield. Preliminary arrangements are being made for the construction of a modern hospital 38x60 feet. Interior will be arranged for twelve private rooms, four wards, operating room and office. The four wards will have a total of 50 beds. Interior finish will be of pine. There will be a central heating system. Exterior will probably be faced with cement plaster. Only preliminary sketches have been made.

SEATTLE, WASH.—Isolation hospital, 2 story, frame, \$15,000. Architect, Huntington, Seattle. Owners City of Seattle. The building is to form a part of the institution at Richmond Heights. The building will be composed of two wings each 32x15 feet, and an administration building 37x55 feet. One wing will contain two wards and separate room, and the other four wards. Plans will be ready for figures by August 10th.

SANTA ANA, ORANGE CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$45,000. Architect, Frederick H. Eley, Harvey-Finley Bldg., Santa Ana, Owners, Orange County. The building will cover an area of 48x92 feet. Construction will be fireproof throughout, with reinforced concrete walls, floors and roof slabs. Interior will be arranged for wards and private rooms. Interior finish will be of pine. Tile will be used extensively in the operating room. There will be steam heat and elevator service. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened on August 5th. Plans can be secured from the architect or from the County Clerk.

Contracts Awarded.

SEATTLE, WASH.—Hospital administration building, 4 story and base, reinforced concrete, \$73,900. Architect, Huntington, Seattle. Owners, City of Seattle. Contractors, Jenkins & Jones, Hinkley Bldg., Seattle. Contract price, \$73,900. This is the administration building for the Richmond Heights group.

PEARL HARBOR, H. T.—Naval hospital, 3 story and base, reinforced concrete, \$256,607. Architect, Department of Yards and Docks, Washington, D. C. Owners, United States Government. Contractors, Spaulding Construction Co., Portland, Ore. Contract price, \$256,607.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, steel and reinforced brick, \$65,000. Architect, G. Albert Lansburgh, 769 Mission St., S. F. Owner, A. Elsenberg. The building will be erected on the north side of Sutter street

between Jones and Leavenworth. Plans provide for a total of 90 guest rooms, 65 per cent of which will have private baths. Besides the guest rooms there will be a large lobby, office and ladies' parlor on the first floor. Interior will be finished in pine and hardwoods with tile, marble and ornamental plaster used in the office and lobby. There will be steam heat, elevator service, vacuum cleaning system and hot water system. Exterior of the building will be faced with pressed brick and terra cotta. Bath room will have cement floors and tile wainscot. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel, 2 story and base, brick, \$10,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, Simon Jakobs & Co. The present brick building at the corner of San Joaquin and Church streets will be entirely remodeled. There will be stores on the first floor and upper floor will be subdivided into hotel rooms. Work will require new plastering, painting, plumbing and electric work. A hot water system will be installed. Exterior of the building will be faced with cement plaster. A new steam heating system will also be installed. Plans are being prepared.

SUSANVILLE, LASSEN CO., CAL.—Hotel and stores, 4 story and base, reinforced concrete, \$100,000. Architect, none. Owner, B. A. Carpenter, Susanville. The completion of the new railroad through Susanville has caused a demand for better hotel facilities. The new building will be erected on a corner site and will cover an area of 120x120 feet. There will be a number of stores besides the hotel office, lobby and dining room on the first floor. Upper floors will contain in the neighborhood of 120 guest rooms and baths. Interior finish will be of pine and redwood. Tile will be used in the bath rooms. There will be steam heat and elevator service. Metal window sash and frames will be used. Exterior of the hotel will be faced with cement plaster. Plans will shortly be completed.

RIVERSIDE, RIVERSIDE CO., CAL.—Hotel additions, 2, 4 story and base, reinforced concrete. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Frank Miller, Glenwood Mission Inn. These additions have been mentioned here before. One building will be 48x100 feet and the other 40x70 feet. The first floors will contain dining rooms, exhibit rooms and curio rooms. Upper floors will be arranged for 27 guest rooms, all of which will have private baths. Steam heat will be furnished from the general plant. Exteriors will be faced with cement plaster. Clay tile roofs will be used. Work will be done by Day Labor under the direction of Stanley Wilson, Riverside.

BANNING, RIVERSIDE CO., CAL.—Hotel, 2 story and base, reinforced concrete. Cost not stated. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, Mountain Inn Co. This company has just been incorporated with a capital of \$1,000,000. Only preliminary sketches of the building have been made. These show a structure containing 130 guest rooms. The incorporators of the company are Dr. Haas, 1169 West 37th St., Henry Waterman, Fred E. Zuck, Valentine Kratz

and W. J. Wood, all of Los Angeles. Further mention of the work will be made in these columns as the plans progress.

LOS ANGELES, CAL.—Hotel, 12 story and base, Class A construction. Cost not stated. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, W. L. Blenkiron. The building is to be erected on West 6th street and will contain a total of 115 rooms and 50 baths. There will be a steel frame, reinforced concrete walls and floors. Two passenger elevators. Negotiations are now underway with a tenant. If a satisfactory lease can be drawn construction will be started at once.

LOS ANGELES, CAL.—Hotel, 6 story and base, reinforced concrete, \$500,000. Architect, A. S. Helmenan, Fernando Bldg., L. A. Owners, Mutual Home Building Co. A site for this big structure has just been secured at the summit of Hill street east of Mt. Washington. Detail plans have not been prepared and a general description of the building cannot be given at this time. The owners announce that construction will not be started until the latter part of this year. Further details of the work will be given as the plans progress.

SEATTLE, WASH.—Hotel, 3 story and base, steel and concrete, \$100,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Vesler Estate. This building has been mentioned here before. Pile foundation work is now complete and bids are being called for on the general construction. There will be stores on the first floor and a number of modern hotel rooms on the upper floors. Plans provide for steam heat, elevator service and metal window sash and frames. Exterior of the hotel will be faced with cement plaster.

LIBRARIES.

SEATTLE, WASH.—Library, 2 story and base, brick, stone and concrete, \$40,000. Architect, W. Marbury Somerville, White Bldg., Seattle. This work has been mentioned here before. The building will be known as the Vesler Memorial Library, and is to be erected at the corner of Vesler Way and 24th avenue. The design is in the classic style. Interior will be finished in pine, hardwoods and ornamental plaster. There will be steam heat and a vacuum cleaning plant. Exterior will be faced with stone and pressed brick. Plans are complete and figures are being taken.

LA GRANDE, ORE.—Library, 1 story and base, brick and concrete, \$12,500. Architect's name not given. Owners, Town of La Grande. The plans submitted to the Carnegie Library Association have been approved and construction will be started at once. Interior of the building will be finished in pine with hardwood floor. There will be a central heating system and metal stacks. Exterior will be faced with cement plaster. Bids will be called for at once.

Contracts Awarded.

ST. JOHNS, ORE.—Library, 1½ story and base, brick and concrete, \$12,000. Architects, Johnson & Mayer, Commercial Club Bldg., Portland. Owners, City of St. Johns. Contractors, McHolland Bros., 669 Everett St., Portland. Contract price, \$12,000.

PANAMA - PACIFIC EXPOSITION WORK.

P P I E WORK -IN

SAN FRANCISCO—Drainage system. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on July 17th for constructing a drainage system on the Race Track. This work has been advertised for before. Plans can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Furnishing rock. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on July 24th by the Buildings and Grounds Committee for furnishing rock for roads in the Exposition Grounds. Plans can be secured from the Director of Works. Official proposal will be found under the heading of Official Advertising in this issue.

SAN FRANCISCO—Structural steel and iron work. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and bids will be opened on July 31st for furnishing, fabricating and erecting the structural steel and iron for the Main Entrance Tower of the Exposition. Plans can be secured from the Director of Works. An official proposal appears under the heading of Official Advertising in this issue.

SAN FRANCISCO—Moving Government warehouses, resetting and constructing road. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owner, Panama-Pacific International Exposition Co. Bids opened for this work show the following low men: Moving warehouse, D. J. and T. Sullivan, \$11,540; constructing concrete foundations and pile work, O. Monson, \$5,395, and for constructing roadway, Darrel O'Day, \$4,550. A complete list of these figures will be found under the heading of San Francisco in this issue.

Contracts Awarded.

SAN FRANCISCO—Rock breakwater, \$13,000. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price, \$13,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

TACOMA, WASH.—Freight depot, 1 and 2 story, reinforced concrete. Cost not stated. Engineer, Engineering Department O-W. Rty. and Nav. Co., Tacoma. Owners, Oregon-Washington Railway and Navigation Co. Work will be started shortly on the construction of a 1 and 2 story freight depot in the present yards of the company at Tacoma. President Farrell of the company is the authority for the statement that plans for the work are now practically complete and that figures will be called for without delay.

SEATTLE, WASH.—Freight depot, 2 story, steel, brick and concrete, \$15,000. Architect, Engineering Department Northern Pacific R. R. Co., Seattle. Owners, Northern Pacific Co. This building has been mentioned here before. It will cover an area of 60x360

feet, and is to be erected on Terry avenue and Thomas street. Construction will be fireproof throughout. Floors and roofs will be of concrete. Upper floors will be used for company freight offices. Exterior will be faced with cement plaster. Plans are complete and figures will be called for at once.

SEATTLE, WASH.—Car barns, 2 story and base, reinforced concrete, \$50,000. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. Plans are being prepared for a municipal car barn and office building which will be erected at the corner of Union and Third avenues. The building will be 87x260 feet. The first floor will be arranged for car barn and repair shop and upper floor for offices of the Municipal railroad. Plans will be completed with a month and figures called.

Contracts Awarded.

SPOKANE, WASH.—Freight depot, 1 and 2 story, reinforced concrete, \$104,000. Architect, Engineering Department Chicago, Milwaukee and Puget Sound R. R. Co. Owners, Chicago, Milwaukee and Puget Sound R. R. Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Seattle. Contract price, \$104,000.

HANFORD, KINGS CO., CAL.—School, 1 story and base, brick, \$10,350. Architect's name not given. Owners, Hanford School District. Contractors, Trewhitt & Shields, Fresno. Contract price, \$10,350.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick, \$37,000. Architect, O. L. Clark, Bakersfield. Owners, City of Bakersfield. Contractors, P. J. Amweg Co., 244 Kearny St., S. F. Contract price, \$36,530.

LOS ANGELES, CAL.—Normal school buildings, concrete and steel construction, \$499,885. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Contractors, Alta Planing Mill Co., 830 McGarry St., L. A. Contract price, \$499,885.

CAMAS, WASH.—School, 2 story and base, brick, \$25,723. Architects, Fred A. Legg and George A. Kingsbury, Ainsworth Bldg., Portland. Owners, Camas School District. Contractors, Dannison & McClaran, Salem, Ore. Contract price, \$25,723.

FULLETON, ORANGE CO., CAL.—School, 1 story and base, brick, \$50,448. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. Contractor, George C. Condon, Citizens' National Bank Bldg., L. A. Contract price, \$50,448.

STORES AND OFFICES.

SAN FRANCISCO—Stores and lofts, 2 story and base, Class C construction, \$17,500. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, Jacob Zitts. The building will be erected on Mission street east of Ninth and will have a frontage of 34½ feet and a depth of 85 feet. There will be two stores on the first floor and light lofts above. Interior finish will be of pine throughout. There will be plate glass windows in patent store fronts. Elevator service will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared and figures will be called for shortly.

OAKLAND, CAL.—Stores, 1 story and base, frame, \$5,000. Architect,

John Carson, Bacon Bldg., Oakland. Owners, Cunningham and Chamberlain. The building will be erected at the corner of 29th and Webster streets, and will contain ten offices. Interior finish will be of pine throughout. There will be plate glass windows and patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Stores, 1 story and base, brick and steel. Cost not stated. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, David Hewes. The building will be erected on a corner and will cover an area of 260x140 feet. There will be twelve stores with large plate glass display windows set in patent store fronts. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Offices, 12 story and base, Class A construction, \$300,000. Architect's name not given. Owners, Spring Street Investment Co., Los Angeles Investment Bldg., L. A. This company report that all arrangements have been completed for the construction of a building 60x128 feet on Spring street between 6th and 7th streets. The ground floor has been leased to the Gibraltar Investment Co. Further mention will be made of the work.

Contracts Awarded.

PORTLAND, ORE.—Office building, 11 story and base, steel and reinforced concrete, \$350,000. Architect, Engle-St., S. F. Owners, Pacific Telephone and Telegraph Co., New Montgomery St., S. F. Owners, Pacific Telephone and Telegraph Co. Contractors, Sound construction and Engineering Co., Chamber of Commerce Bldg., Portland. Contract price not stated.

THEATRES.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Theatre, 3 story and base, brick and steel, \$90,000. Architects, Thayer & Parker, Forsyth Bldg., Fresno and 244 Kearny St., S. F. Owner, J. B. Whittemore. Contractors, Brinkmeyer & Glahn, Fresno. Contract price, \$90,000.

RESIDENCES.

SAN FRANCISCO—Residences, 6, 2 story and base, frame, \$2,000 each. Architect, none. Owner, Theodore Gibson, 355 Fair Oaks St., S. F. These houses will be erected on property beginning at a point 60 feet south of Pacific street and 214 west of Taylor. Each of the houses has been designed to contain six rooms and bath. Interior finish will be of pine, redwood and some elm veneer. Hardwood floors will be used in the principal rooms. There will be open fire places in all living rooms. Mantels will be of brick and tile. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with rustic, ship-lap and cement plaster. Plans are in the hands of the owner and work will be done by Day Labor. It is now in the market for all materials.

SAN FRANCISCO—Bungalows, 2, 1½ story and base, frame, \$2,000 each. Architect, none. Owner, Emil Nelson, 580 Jersey St., S. F. These two houses will be erected on 22nd street west of

Sanchez, and each will contain six rooms and bath. Interiors will be finished in pine with hardwood floors in the living and dining rooms. Plans provide for large open fire places and brick mantels. Bath rooms will be finished in cement plaster. Exteriors will be covered with rustic. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residences, 7, 2 story and base, frame. Cost not stated. Architect, none. Owner, Harvey Klyce, Monadnock Bldg., S. F. These houses will be erected in the Richmond District on 35th and 36th avenues. The dwellings will be of a better class than usually undertaken in groups. Each house has been designed to contain from six to eight rooms. Interiors will be finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. Several of the dwellings will have furnace heat. Open fire places and tile or brick mantels have been provided for all living rooms. Tile will be used in the kitchens. Some automatic water heaters will be installed. Exteriors will be covered with rustic, shingles, cement plaster on metal lath and brick veneer. Work will be done by Day Labor as soon as plans can be completed.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Dr. J. A. Stimpson. The houses are to be erected at the corner of Texas and 19th streets. Each of the dwellings will contain six rooms and bath. Interior finish will be of pine and redwood. There will be some hardwood floors. Open fire places and tile or brick mantels will be used in the living rooms. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, none. Owner, E. Stearns, 554 Castro street, S. F. The house will be built at the corner of 24th and Elizabeth streets, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will be finished in cement plaster and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Frank S. Holland, 100 Haight St., S. F. Owner's name withheld. The dwelling will be erected on one of the corners of Lake street, and has been designed in the Colonial style. There will be fourteen rooms and two baths. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout except in the bath rooms which will be finished in tile. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of

the dwelling will be covered with ship-lap and brick veneer. Plans are now being prepared.

SAN FRANCISCO—Duplex residence, 2 story and base, frame, \$11,000. Architect, Frank S. Holland, 100 Haight St., S. F. Owner, C. F. Krauss. The building will be erected on Palm avenue near Euclid, and has been designed to contain two seven-room dwellings. Interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have cement floors and wainscot. Automatic water heaters will be installed. Marble and tile will be used in the entrances. Exterior will be covered with cement plaster on metal lath. Plans are now being prepared and when complete work will be done by Day Labor.

PREMONT, ALAMEDA CO., CAL.—Residence, 2 story, attic and base, frame, \$20,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Horace Miller. The dwelling will contain 14 to 16 rooms, several baths and sleeping porches. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. A garage will be erected on the lot. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Roof will be of clay tile and shingles. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$4,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. The dwelling will be erected on Mandana Boulevard, and has been designed for a seven room house with finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath room will be finished in tile. An automatic water heater will be installed. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SARATOGA, SANTA CLARA CO., CAL.—Residence, 1 story and base, frame, \$10,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Benj. Bazata. This dwelling has been designed for a country home and will contain eight rooms, baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1½ story and base, frame, \$15,000. Architect, after King, Elks' Bldg., Stockton. Owner, C. C. Estes. The house will be erected on Acadia street near Harrison, and has been designed to contain seven rooms and bath. Interior finish will be of

pine and hardwood. Hardwood floors will be used in the living room, dining room and den. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic. Plans are now being prepared and figures will be called shortly.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$5,000 each. Architects, Coats & Traver, Addison Head Bldg., S. F. Owner, H. P. Umberson. These houses will be erected on 43rd avenue north of Fulton street. Each house will contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms and den. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and cement plaster. An automatic water heater will be installed in each of the houses. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. T. H. Madden will superintend the work and purchase all materials.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Leonard H. Ford, 2135 Center St., Berkeley. Owner, W. D. Howe. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Living room will have a large open fire place with brick mantel. Bath room will be finished in cement plaster and tile. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,500. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The dwelling has been designed for a nine-room house with two baths and sleeping porch and will be erected in Berkeley Square. Interior finish will be of pine and white enamel. There will be furnace heat and open fire places. Mantels will be of brick or tile. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile and cement plaster. An automatic water heater will be installed. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,000. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The dwelling has been designed for a seven-room house and will be erected at the corner of Clifton and Devon streets. There will be a large sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of tile or brick. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster. Plans

are nearly complete and the work will be done by Day Labor.

ALBANY, ALAMEDA CO., CAL.—Hunzlow, 1 story and base, frame, \$2,000. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The house will contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$3,000 each. Architects, Coats & Traver, Addison Head Bldg., S. F. Owner's name withheld. These houses will be erected on 35th avenue and Fulton street. Each house will contain seven rooms and bath. Interiors will be finished in pine, redwood and some hardwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. Exteriors will be covered with cement plaster, rustic, shingles and brick veneer. Plans are now being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$37,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, C. H. Warner. The dwelling will be erected at the corner of Santa Anita and Jobbins streets, and will contain eleven rooms, sleeping porch and several baths. Interior finish will be of hardwoods. There will be a central heating system, probably hot water, vacuum cleaning plant and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Work will be carried out by the Milwaukee Building Co.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Swartz, Hotchkin & Swartz, Rowell Bldg., Fresno. Owner, George V. Martin. The dwelling will be erected at the corner of Tulare and T streets and has been designed for a ten-room house with two baths. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Eugene Mathewson, Forsyth Bldg., Fresno. Owner, Edward Baldwin. The dwelling will be erected on the property just outside the city limits, and has been designed to contain eight rooms, sleeping porch and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with

cement plaster on metal lath. Plans are nearly complete.

SCHOOLS.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—School, 1 story and base, brick. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. All bids received on June 27th for this work have been rejected. New plans are now being prepared which will provide for five class rooms instead of six. Exterior of the building will be faced with cement plaster. Plans will be completed at once and bids are to be opened on July 25th.

SEATTLE, WASH.—University buildings, reinforced concrete construction, \$1,000,000. Architect's name not given. Owners, University of the Puget Sound. It is stated on good authority that a million dollars will be expended by this institution within the next year on buildings. A part of this work, amounting to \$350,000, will be undertaken this year. Details of the project are not obtainable as yet.

MARCUS, WASH.—School, 1 story and base, reinforced concrete, \$15,000. Architects, Sweat & Levesque, Spokane. Owners, Marcus School District. The building will be constructed in three units, each of which will cost \$15,000. Plans for the first unit have been completed and are now out for figures. There will be four class rooms. Plans provide for a central heating system. Interior finish will be of pine with some maple floors. Exterior will be faced with cement plaster. Plans can be secured from the architects.

COTTAGE GROVE, ORE.—School, 2 story and base, brick. Cost not stated. Architects, Tourtellotte & Hummell, Rothchild Bldg., Portland. Owners, Cottage Grove School District. The building will cover an area of 145x60 feet. There will be sixteen class rooms and a large auditorium with a seating capacity of 300 people. Interior finish will be of pine. There will be a central heating system and vacuum cleaning system. Exterior will be faced with pressed brick. Plans are complete and figures will be called for next week.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—School, 1 story and base, frame, \$3,000. Architect, none. Owners, City of Bakersfield. Contractor, F. L. Cummings, Bakersfield. Contract price, \$3,000.

SEALED PROPOSALS.

PROPOSALS FOR GATE MECHANISM, GATE OPERATING MECHANISM, U. S. Reclamation Service, Los Angeles, Cal.—Sealed proposals will be received at this office until 2 p. m. July 17, 1913, for furnishing under advertisement No. 211 four radial gate operating mechanism, with cast steel gears, or four do with cast gears and pinions. Further information may be had upon application to O. H. ENSIGN, consulting engineer.

PROPOSALS FOR STEEL REINFORCEMENT, CONCRETE, LUMBER, ETC.—STEEL REINFORCEMENT, CONCRETE, LUMBER, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. August 6, 1913, for earthwork and structures on the second unit of Dodson North Canal, laterals and waste

water ditches, involving about 300,000 yards of excavation, 1,300 cubic yards of reinforced concrete, the placing of about 300,000 pounds of steel reinforcement and the placing in wooden structures of about 140,000 feet, b. m. of lumber. The work is situated on the north side of Milk River, adjacent to the main line of the Great Northern Railway in the vicinity of Wagner, Exeter and Malta, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES, CANAL CIRCULAR 784—Proposals for Motor-Driven Extension Planer, Structural Steel, Lumber, Crude Carbolite Acid, Rosin and Caustic Soda.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10 o'clock a. m. July 22, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 784) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR DREDGING, DREDGING—U. S. Engineer Office, 401 Custom House, San Francisco, Cal.—Sealed proposals for dredging in Suisun Bay, Cal., will be received at this office until 11 o'clock a. m. July 26, 1913, and then publicly opened. Information on application, THOMAS H. REES, lieutenant colonel, engineers.

PROPOSALS FOR REDWOOD LUMBER.

REDWOOD LUMBER.—Isthmian Canal Commission, Purchasing Department, Washington, D. C.—Sealed proposals will be received at this office until July 21, 1913, under file Z. R. 55-H for furnishing a miscellaneous quantity of redwood lumber. Further information may be had upon application to F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR COALING TOWER.

COALING TOWER.—Sealed proposals for "Provisional Coal Tower" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 19, 1913, and there will be opened in public, for one wooden coaling tower and appurtenances at the naval coal depot, San Diego, Cal. Estimated cost, \$25,000. Plans and specifications can be obtained on application to the bureau, H. R. STANFORD, chief of bureau.

PROPOSALS FOR REDWOOD LUMBER.

REDWOOD LUMBER.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 2 o'clock p. m. July 21, 1913, at which time they will be opened in public, for furnishing 1,911 pieces No. 1 common redwood lumber, and 1,600 pieces feet round redwood lumber. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 115 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M. Thursday, July 24th, 1913, for furnishing Exhibits and Booths, Prefabricated Structural Steel and Iron Work of The Pine Arts Building in accordance with the plans and specifications on file in the office of the Director of Works. The sum of fifty (50) per cent of the contract price will be required for the faithful performance of

the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of the Controller, University of California, Berkeley, at 10 A. M. Wednesday, July 16th, on **Ornamental Metal Work for the Sather Campanile** on the Grounds of the University of California, Berkeley.

Plans and specifications are on file in said office and may be obtained upon the payment of a deposit of \$5.00.

No bids will be received unless accompanied by a certified check or bond, equal to 10% of the bid, to secure execution of the contract by the successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

THE CITY OF PORTLAND, OREGON,
OFFICE OF
THE COMMISSION OF PUBLIC DOCKS
Public Dock No. 1.
Advertisement.

NOTICE IS HEREBY GIVEN that The Commission of Public Docks of the City of Portland, Oregon, will receive sealed proposals until 10:00 o'clock A. M., July 21, 1913, at its office, 502 Worcester Building, Portland, Oregon, for the construction of a Public Dock, with moorings, between 15th and 18th Streets, on the West Side of the Willamette River.

Plans, specifications, proposal blank, form of contract and other information for proposers, will be on file in the office of The Commission of Public Docks. A complete set of plans and specifications may also be obtained by prospective bidders by depositing with the Commission a certified check in the sum of \$50.00, which will be returned upon receipt of the plans in good condition.

All tenders to be sealed and marked on the outside "Proposal for construction of Public Dock No. 1."

Proposals or bids will be considered unless accompanied by a check payable to the order of The City of Portland, certified by a responsible bank in the City of Portland, Oregon, for an amount equal to ten per cent of the proposal, to be forfeited as fixed and liquidated damages in case the bidder neglects or refuses to enter into contract and provide a suitable bond for the faithful performance of said work in the event the contract is awarded him.

ATTENTION of all bidders is respectfully called to Chapter 61, Laws of Oregon, 1912, (Session Laws 1912, p. 96).

The Commission of Public Docks reserves the right to reject any and all proposals.

Dated Portland, Oregon, this 20th day of June, 1913.

THE COMMISSION OF PUBLIC DOCKS
By G. B. HEARDT,
Secretary.

3-1-July 1, 9, 16)

PROPOSALS FOR BOILERS.

BOILERS—Treasury Department, office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock P. M. on July 21, 1913, and then opened for new tenders by 4 o'clock at the United States post office Port Townsend, Wash. In accordance with the specification copies of which may be obtained at the office of the Supervising Architect, O. WENDERTH, supervising architect.

PROPOSALS FOR DREDGING.

DREDGING—Sealed proposals, indorsed "Proposals for Dredging," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., July 20, 1913, and then and there publicly opened for dredging channel and basin in Mare Island Strait and removing rocks at Vallejo, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTOR.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 9, 1913.—Sealed proposals will be received at this office until 3 o'clock P. M. on July 21, 1913, and then opened, for new heating boilers, etc., at the United States postoffice, Port Townsend, Wash., in accordance with the specification, copies of which may be obtained at this office, at the discretion of the Supervising Architect. O. WENDERTH, Supervising Architect. (*)

PROPOSALS FOR WATER PIPE.

WATER PIPE—Sealed proposals indorsed "Proposals for Pipe Line" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m., August 2, 1913, and then and there publicly opened, for water pipe from Yerba Buena Island to Oakland, Cal. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval training station, San Francisco, Cal. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 21, 1913, for **Furnishing, Fabricating and Erecting Structural Steel Work of the Main Entrance Tower**, in accordance with the plans and specifications on file in the office of the Director of Works.

A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 20, 1913, for **Drainage System for Ditch Ground and Race Track** in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered.

When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 24th, 1913, for **Work for Roadways** in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

BUILDING OPERATIONS.

Private building operations for the week ending July 3rd, as reported by the Bureau of Building Inspection of the Board of Public Works, show a total of 69 permits issued, amounting \$332,552.00. Complete report as follows:

	No.	Amount.
Class A	1	\$ 18,480.00
Class B	1	7,742.00
Class C	6	174,300.00
Frames	23	74,465.00
Alterations	38	57,565.00
Total	69	\$332,552.00

RELEASE OF BUILDING CONTRACT.

July 8, 1913—NW BUSH & TAYLOR
137-6-137-6, California Monolithic Steel Co. to Jones & Lubbe. Released..... July 2, 1913

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—6, 2 story and base, frame, \$2,000 each, San Francisco. Architect, none. Owner, Theodore Gibson, 355 Fair Oaks St., S. F. These houses will be erected on property beginning at a point 60 feet south of Pine street and 214 west of Taylor. Each of the houses has been designed to contain six rooms and bath. Interior finish will be of pine, redwood and some elm veneer. Hardwood floors will be used in the principal rooms. There will be open fire places in all living rooms and kitchens. Exteriors will be covered with rustic shiplap and cement plaster. Plans are in the hands of the owner and work will be done by Day Labor. He is now in the market for all materials.

HUNGALOWS—2, 1½ story and base, frame, \$2,000 each, San Francisco. Architect, none. Owner, Emil Nelson, 204 Jersey St., S. F. These two houses will be erected on 22nd street west of Sanchez, and each will contain six rooms and bath. Interiors will be finished in pine with hardwood floors in the living and dining rooms. Plans provide for large open fire places and brick mantels. Bath rooms will be finished in cement plaster. Exteriors will be covered with rustic. Plans are complete and work will be done by Day Labor.

RESIDENCES—7, 2 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, Harvey Klye Mondnock Bldg., S. F. These houses will be erected in the Richmond District on 35th and 36th avenues. The dwellings will be of a higher class than usually undertaken in groups. Houses have been designed to contain from six to eight rooms. Interiors will be finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. Several of the dwellings will have furnace heat. Open fire places and tile or brick mantels have been provided for all living rooms. Tile will be used in the kitchens. Some automatic water heaters will be installed. Exteriors will be covered with rustic shiplap, cement plaster on metal lath and brick veneer. Work will be done by Day Labor as soon as plans can be completed.

RESIDENCES—2, 2 story and base, frame, \$7,000, San Francisco. Architects, Smith & Stewart, 201 Kearny St., S. F. Owner, Dr. J. A. Stimpson. The dwellings will be erected at the corner of Taylor and 19th streets. Each of the dwellings will contain six rooms and bath. Interior finish will be of pine and redwood. There will be some hardwood floors. Open fire places and tile or brick mantels will be used in the living rooms. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—1, 2 story and base, frame, \$4,000 and 1/2, San Francisco. Architect, none. Owner, E.

Stein, 561 Castro St., S. F. The house will be built at the corner of 24th and Elizabeth streets and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will be finished in cement plaster and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

RESIDENCE—2, 2 story and base, frame, \$10,000, San Francisco. Architect, Frank S. Holland, 100 Haight St., S. F. Owner's name withheld. The dwelling will be erected on one of the corners of Lake street and has been designed in the Colonial style. There will be fourteen rooms and two baths. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout except in the bath rooms which will be finished in tile. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with shiplap and brick veneer. Plans are now being prepared.

DETACHED RESIDENCE—1, 1 story and base, frame, \$10,000, San Francisco. Architect, Frank S. Holland, 100 Haight St., S. F. Owner, C. F. Krauss. The building will be erected on Palm avenue near Euclid and has been designed to contain two seven-room dwellings. Interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have cement floors and wainscot. Automatic water heaters will be installed. Marble and tile will be used in the entrances. Exterior will be covered with cement plaster on metal lath. Plans are now being prepared and when complete work will be done by Day Labor.

APARTMENT HOUSE—3, 3 story and base, frame, \$17,000, San Francisco. Architect, Frank S. Holland, 100 Haight St., S. F. Owner's name withheld. The building will be erected on Fillmore near Hayes street, and has been designed to contain fifteen suites of two, three and four rooms. All apartments will have private bath and wall beds. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for rectangular steam grates. Bath rooms will be finished in cement plaster. Exterior of the building will be faced with cement plaster on metal lath. Some tile and mosaic work will be called for in the specifications. Plans are now being prepared.

RESIDENCES—2, 2 story and base, frame, \$5,000 each, San Francisco. Architects, Coats & Traver, 400 Union Bldg., S. F. Owner, H. P. Umb-

sen. These houses will be erected on 13rd avenue north of Fulton street. Each house will contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms and den. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and cement plaster. An automatic water heater will be installed in each of the houses. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. T. H. Madden will superintend the work and purchase all materials.

APARTMENT HOUSE—3, 3 story and base, frame, \$20,000, San Francisco. Architects, Rousseau & Rousseau, Mondnock Bldg., S. F. Owners, David E. and Wm. H. Kelley, 609 4th St., San Rafael. This building has been mentioned here before when plans were first started. The structure will be erected on Pine street west of Jones, and has been arranged for a number of two and three room apartments with private bath. Interior finish will be of pine and redwood. Some elm panels will be used. There will be steam heat and a hot water supply. An automatic elevator will be installed. All suites will be equipped with wall beds. Entrance vestibule will be finished in marble and mosaic. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will let all contracts.

APARTMENT HOUSES—3, 3 story and base, frame, \$8,000 to \$11,000, San Francisco. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Metropolitan Investment Co., 353 Bush St. These buildings have been mentioned here before. Working drawings have been completed and work is about to be started under the Day Labor system. One apartment house will be erected on Hyde street, 92 feet north of Sacramento, and will cost \$9,000. It will cover a lot 28x50 feet and contain six suites. Another building will be erected on Washington street, 148 feet east of Van Ness avenue, and will cover an area of 35x100 feet. This building will cost \$11,000 and will contain six apartments. The third building will have a frontage of 25 feet and a depth of 74 feet, and will be erected on Sacramento, 77 feet west of Hyde. This building will also contain six apartments and will cost \$8,000. Interior finish in all of the buildings will be of pine and redwood with some elm panels. Hardwood floors will be used. There will be central heating systems and hot water plants. Wall beds are specified for all apartments. Exteriors will be covered with rustic, metal lath and plaster and shiplap. Plans are now in the hands of the owners who will do the excavating, concrete work and carpentry by Day Labor, and will sublet all other parts of the work. Materials for the work are now being purchased.

CITY HALL—Class A construction, \$4,500,000, San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. 448 for the foundation work, concrete piers and additional excavating were opened at the Friday meeting of the Board of Public Works. Bids of the three lowest men will

probably be considered. These bids were as follows: Sound Construction Co., \$14,882; Richard Doerfling, \$45,827, and E. T. Owsley, \$17,500. Besides the general bid seven unit prices were asked for. A complete list of these bids will be found under the heading of San Francisco in this issue.

FLATS—3 story and base frame, \$6,000. San Francisco. Architect, J. Devenenzl, 1069 Union St., S. F. Owner, Carmelo Arieta. The building will be erected on Union street east of Grant avenue, and will have a street frontage of 24 feet 10 inches and a depth of 59 feet. Interior has been arranged for six apartment flats of three and four rooms. The interior finish will be of pine and redwood. Some hardwood floors will be used. Entrance will be finished in mosaic and tile. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with shiplap and rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, Charles Fantoni, 916 Kearny St., S. F. Owner, W. W. Jameson. The building will contain two modern flats, and is to be erected at the southwest corner of Washington and Priest streets. It will have a frontage of 21½ feet on Priest. Flats will consist of 5 and 6 rooms and bath. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap. Entrance will be finished in tile and mosaic. Plans are complete and the work will be done by Day Labor.

LODGE HALL—3 story and base, steel and concrete, \$75,000. San Francisco. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners, Maritime Hall Association. Architect Paff has just been commissioned to prepare plans for a lodge hall for the Maritime Association, which will be erected on their property on Clay street east of Drumm. The building has been designed with a complete steel frame and foundations and walls heavy enough to support several additional stories. The building will have a frontage on Clay street of 50 feet and will extend through to Commercial street, a distance of 120 feet. There will be stores on the first floor and lodge halls, social rooms, banquet hall and offices on the upper floors. Plans provide for elevator service, steam heat, a vacuum cleaning system and metal window sash and frames. Exterior will be faced with mat glaze and polychrome terra cotta. Plans are now being prepared.

CARPENTERS' HALL—3 story and base. Class C construction, \$40,000. San Francisco. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners, Carpenters' Hall Association. This organization has just sold their holdings together with their building in the Civic Center, and have purchased a new site at the corner of McCoppin and Valencia streets. The new building will cover an area of 75x90 feet and will be of the Class C type of construction. There will be three stores on the first floor, second

floor will be arranged for an assembly room, office of the locals, card rooms, billiard hall and social rooms. The third floor will contain two large lodge rooms and committee rooms. Special features will be installed for the storing of tools, etc. Interior finish will be of pine and hardwoods. There will be a central heating system and elevator service. Exterior of the building will probably be faced with pressed brick. An estimated cost of \$10,000 is placed on the work. Plans are now being prepared for the work.

HOTEL—6 story and base, steel and reinforced brick, \$65,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owner, A. Eisenberg. The building will be erected on the north side of Sutter street, between Jones and Leavenworth. Plans provide for a total of 90 guest rooms, 65 per cent of which will have private bath. Besides the guest rooms there will be a large lobby, office and ladies' parlor on the first floor. Interior will be finished in pine and hardwoods with tile, marble and ornamental plaster used in the office and lobby. There will be steam heat, elevator service, vacuum cleaning system and hot water system. Exterior of the building will be faced with pressed brick and terra cotta. Bath rooms will have cement floors and tile wainscot. Plans are now being prepared.

RESIDENCES—4, 2 story and base, frame, \$3,900 each. San Francisco. Architects, Coats & Traver, Addison Head Bldg., S. F. Owner's name withheld. These houses will be erected on 34th avenue and Fulton street. Each house will contain seven rooms and bath. Interiors will be finished in pine, redwood and some hardwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic, singles and brick veneer. Plans are now being prepared.

STORES AND LOFTS—3 story and base. Class C construction, \$17,500. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, Jacob Zitts. The building will be erected on Mission street east of Ninth and will have a frontage of 21½ feet and a depth of 85 feet. There will be two stores on the first floor and light lofts above. Interior finish will be of pine throughout. There will be plate glass windows and patent store fronts. Elevator service will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared and figures will be called for shortly.

DRAINAGE SYSTEM—San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on July 14th for constructing a drainage system on the Base Track. This work has been advertised for before. Plans can be secured from the Director of Works. An official proposal appears in another column of this issue.

FURNISHING ROCK—San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on July 24th by the Buildings and Grounds Committee for furnishing rock for roads in the Ex-

position Grounds. Plans can be secured from the Director of Works. Official proposal will be found under the heading of Official Advertising in this issue.

STRUCTURAL STEEL AND IRON WORK—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and bids will be opened on July 31st for furnishing, fabricating and erecting the structural steel and iron for the Main Entrance Towers of the Exposition. Plans can be secured from the Director of Works. An official proposal appears under the heading of Official Advertising in this issue.

MOVING GOVERNMENT WAREHOUSES, RESETTling AND CONSTRUCTING ROAD—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for this work show the following low bids: Moving warehouses, D. J. and T. Sullivan, \$11,540; constructing concrete foundations and pile work, O. Monson, \$5,335, and for constructing roadway, Daniel O'Day, \$1,550. A complete list of these figures will be found under the heading of San Francisco in this issue.

Contracts Awarded.

NAVAL HOSPITAL—3 story and base, reinforced concrete, \$256,607. Pearl Harbor, H. T. Architect, Dept. of Yards and Docks, Washington, D. C. Owners, United States Government. Contractors, Spaulding Construction Co., Portland, Ore. Contract price, \$256,607.

ROCK BREAKWATER—\$13,000. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price, \$13,000.

Exposition Bids For Removals.

Bids Opened by Buildings and Grounds Committee for Removing Four Government Warehouses.

Bids were opened Thursday by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for constructing a way way for moving the government warehouses off of the Exposition Grounds, constructing new foundations and piers and resetting the buildings. Following is a complete list of the figures received:

Moving Government Warehouse off Exposition Site at Presidio.

Contra Costa Contr. Co.,	\$4,300
Peterson & Peterson,	1,800
H. L. Hatch,	1,800
D. J. and T. Sullivan,	1,540
Concrete Foundation for Piers, 400.	
O. Monson,	5,335
Pringle Dunn & Co.,	1,550
J. Mark,	6,275
Contra Costa Constr. Co.,	6,280
Flann & Tracey,	5,113

Constructing a Roadway for Moving Government Warehouses.

E. M. Hyde,	\$7,000
Samsel Constr. Co.,	7,400
Daniel O'Day,	1,550
Flann & Tracey,	5,113

Foundation Work Proves Attractive.

Sixteen Firms Submit Bids on Foundation Work and Additional Excavating for City Hall.

Sixteen bids were opened by the Board of Public Works at their Friday meeting for the foundation work and additional excavating for the City Hall. A lump sum bid and seven unit prices were asked for with each bid. The two lowest bids were submitted by the Sound Construction Co. at \$44,882 and Richard Doerfling, \$45,827. B. T. Owsley was third low at \$47,500. Contract has not been awarded. Following is a complete list of the general bids and unit prices:

Foundation Work and Additional Excavating for City Hall.

Sound Constr. Co., \$44,882 (a) 1.25; (b) 1.25; (c) 1.25; (d) .22; (e) 8.75; (f) 8.20; (g) .03½.

Monson Bros., \$53,989 (a) 1.40; (b) 1.40; (c) 1.40; (d) .25; (e) .30; (f) .27; (g) .04.

Fred L. Hansen \$49,999 (a) 1.60; (b) 1.60; (c) 1.60; (d) .25; (e) .25; (f) .22; (g) .03.

T. W. McClenahan \$52,888 (a) 1.50; (b) 1.50; (c) 1.30; (d) —; (e) .45; (f) .35; (g) .04.

F. Roland \$59,985 (a) 1.37½; (b) 1.37½; (c) 1.37½; (d) .40; (e) .26; (f) .24; (g) .04.

Newsom, Wold & Kohn \$51,730 (a) 1.70; (b) 1.70; (c) 1.70; (d) .30; (e) .45; (f) .35; (g) .05.

Thurston & Co. \$54,853 (a) 1.50; (b) 1.50; (c) 1.50; (d) .75; (e) .28; (f) .25; (g) .04.

Lindgren & Co. \$54,000 (a) 1.50; (b) 1.40; (c) 1.40; (d) .20; (e) .27; (f) .24; (g) .03½.

J. D. Hannah \$56,773 (a) 1.45; (b) 1.45; (c) 1.45; (d) .40; (e) .25; (f) 1.45; (g) .02½.

Richard Doerfling \$45,827 (a) 1.40; (b) 1.40; (c) 1.40; (d) .05; (e) .25; (f) .22; (g) .03.

B. T. Owsley \$47,500 (a) 1.45; (b) 1.45; (c) 1.40; (d) .30; (e) .24; (f) .22; (g) .03½.

Clinton Fireproofing Co. \$51,000 (a) 1.62½; (b) 1.62½; (c) 1.62½; (d) .12½; (e) .25; (f) .25; (g) .03.

Contra Costa Constr. Co. \$53,000 (a) 1.50; (b) 1.50; (c) 1.50; (d) .50; (e) .25; (f) .23; (g) .03.

Graham & Jansen \$64,264 (a) 1.35; (b) 1.30; (c) 1.30; (d) .25; (e) .50; (f) 8.00; (g) .03.

Gorrell Bros. \$—; (a) 1.61; (b) 1.61; (c) 1.61; (d) .80; (e) .25; (f) .23; (g) .03. Charles Wright \$52,300 (a) 1.40; (b) 1.40; (c) 1.40; (d) .50; (e) 6.10; (f) 5.25; (g) .03.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
2166	Donovan	Miller	1873
2467	Moore	McArthur	2585
2468	Scheidt	Carson	6297
2469	Van Doran	Terry	5800
2470	S F Prot Asyl	Pac Ext	2866
2471	Olsen	Nelson	1500
2472	Copeland	Brown	1800
2473	Prosser	Warden	2000
2474	Dovenado	Dovenado	5000
2475	Mueller	Fleisher	2800
2476	Donahue	Scanlan	1000
2477	Weidner	Burke	15000
2478	Marlan	Foster	3000
2479	Dean	Trounson	1000

2480	Wessell	Wessell	1600
2481	Williams	Williams	500
2482	Luhrs	Smith	1000
2483	Lee	Lee	400
2484	Wrightman	Cole	400
2485	Davis	Davis	500
2486	Scoble	Scoble	5000
2487	Scoble	Scoble	5000
2488	Chamberlain	Rench	4020
2489	Porter	Johnson	2770
2490	Jones	Beck	1
2491	McGovern	Rainey	8687
2492	Same	Elvin	5370
2493	Gunn	Olsen	3625
2494	Goldsmith	Dulfer	1750
2495	Hyman	Britt	400
2496	Hooper	Mag Asbestos	500
2497	Hamore	Pailey	750
2498	Realty	Ferguson	500
2499	Schmidt	Schmidt	1000
2500	Anderson	Anderson	1750
2501	Gibson	Gibson	1900
2502	Same	Same	1900
2503	Same	Same	1900
2504	Same	Same	1900
2505	Same	Same	1900
2506	Same	Same	1900
2507	Merlo	Pagano	3900
2508	Abrams	Eppstein	1400
2509	Borromeo	Wengard	1500
2510	Cath Archb	Leonard	6339
2511	Healy	Healy	7000
2512	P P I	Healy	13000
2513	Crocker Hotel	Turner	12173
2514	Same	Wilson	60748
2515	Walker	Hannah	450
2516	Irvine	Hannah	450
2517	Carfagni	Ratto	475
2518	Oriental Tavern	Moise	400
2519	Kelton	Kelton	1000
2520	Croswhite	Croswhite	500
2521	Woodman	Gale	500
2522	McGovern	Opitz	500
2523	Nelson	Nelson	2000
2524	Same	Same	2000
2525	Metro Invest	Owner	3000
2526	Same	Same	3000
2527	Same	Same	11000
2528	Sanset	Cox	4000
2529	Same	Anderson	4000
2530	Salles	Evans	2800
2531	Montani	Rege	7080
2532	Tuiff	Malloch	4000
2533	Reekles	Anderson	2000
2534	Clarke	McGowan	5850
2535	1st Cong. Church	Ralston	13876
2536	Butler	Brunswick	500
2537	Le Boyteaux	Johnson	1000
2538	McCloud	Scully	500
2539	Jalonen	Jalonen	1000
2540	Suter	Rosenberg	400
2541	Brigho	Brigho	400
2542	Umbsen	Umbsen	3000
2543	Same	Same	3000
2544	Rogers	Pups	400
2545	Campbell	Menk	500
2546	Barber	Barber	1000
2547	Yates	Yates	4500
2548	1st Cong Church	Wooker	2600
2549	Same	Stockholm	117250
2550	Same	Johns	4750
2551	Same	Schoettel	1752
2552	Orear	Bateman	4995
2553	Welch	Bell	15200
2554	Quinn	Otten	3183
2555	Umboslay	Rainey	2900
2556	McGrath	Securston	3700
2557	Ingenlath	Becker	2600
2558	Judson	Smith	1550
2559	Meyer	Umben	1250
2560	Terrill	Terrill	12000
2561	Ross	Ross	500
2562	Potrero M E Ch	Reif	1100
2563	Launsted	Brunswick	1000
2564	Wilson	Wilson	400
2565	Wilson	Wilson	750
2566	Richardson	Zunar	2500
2567	Brien	Globe Elec	1565
2568	Same	Victor	1500
2569	Same	Otis Elevator	1975
2570	Boldt	Wallen	2920
2571	Moynihan	Wallen	1200

(Correction in height of building)

(2465) E DOLORES 219 S 22nd 25x 117-6. All work for two-story and basement frame apartment flats.

Owner.....Jas. E. and Elsie M. Farnham, 841 Dolores, S. F.

Architect.....Jno. F. Haner, 3579 19th, San Francisco.

Contractor.....Geo. V. McCausland, 4173 23rd, San Francisco.

Filed July 3, '13. Dated June 24, '13. Roof in place.....\$1400

Brown coated and rough plumb..... 1400
Ing done..... 1400
Completed and accepted..... 1400
Usual 35 days..... 1400
TOTAL COST, \$5600

Bond, \$2800. Sureties, E. A. Hoadley &

P. A. McCausland. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2466) N PARK 388-S E Holly. All work for one and one-half-story frame dwelling.

Owner.....Wm. J. Donovan, 553 14th, San Francisco.

Architect.....None.

Contractor.....Wm. Miller, 49 Park, S. F. Filed July 7, '13. Dated June —, '13.

Frame up..... 468.25
Brown coated..... 468.25
Building finished..... 468.25
Usual 35 days..... 468.25

TOTAL COST, \$1873.00
Bond, \$1060. Sureties, J. Miller and M. Mazeau, Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2467) LOT 14 CORONA HEIGHTS being E Plinto opposite Clifford. Finish hardware, lighting fixtures, leaded glass, also front door for two story frame residence.

Owner.....A. B. Moon, 1009 5th Ave., Oakland.

Architect.....Plans by Owner.
Contractor.....MacArthur Bros., 1560 Fell San Francisco.

Filed July 7, '13. Dated June 30, '13. Frame up and roof boards on \$646.25

Rough plumbing in and brown coated..... 946.25
Completed..... 646.25
Usual 35 days..... 646.25

TOTAL COST, \$2585.00
Bond, \$1293. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2468) SW BELVEDERE & GRATAN W 100-4½xS 25. All work except art glass and radiators for two-story and basement frame flats.

Owner.....Ernestine V. Scheid, 1843 McAllister, San Francisco.

Architect.....None.
Contractor.....Otto Carson & Co., 1461 Hyde, San Francisco.

Filed July 7, '13. Dated June 6, '13. Frame and roof completed.....\$1599.25

Plastering completed..... 1599.25
Completed and accepted..... 1599.25
36 days..... 1599.25

TOTAL COST, \$6397.00
Bond, \$3200. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2469) E LARKIN 87-6 N Broadway N 25x E 137-6. All work for two-story and basement frame flats.

Owner.....Mrs. A. D. Van Doran, 2527 Mission, San Francisco.

Architect.....None.
Contractor.....W. L. Terry, 2948 Octavia, San Francisco.

Filed July 7, '13. Dated July 7, '13. Rough frame completed.....\$1450

Brown coated..... 1450
Completed and accepted..... 1450
Usual 35 days..... 1450

TOTAL COST, \$5800
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—Plans by John H. Powers, 460 Montgomery.

(2470) HAIGHT AND LAGUNA. Alterations and additions to steam boiler, heating and mechanical equipment, radiator in infirmary chapel and additional radiation in main buildings substituting Wainwright water heater in main bldgs.

Owner.....S. F. Protestant Orphan Asylum Society, Premises.
 Architect...Bliss & Paville, Balboa Bldg., San Francisco.
 Contractor...The Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco.
 Filed July 7, '13. Dated July 1, '13.
 Completed and accepted.....\$2000
 Usual 35 days.....366

TOTAL COST, \$2866
 Bond, none. Limit, July 30. Forfeit, none. Plans and specifications filed.

(2471) W FIFTEENTH AVE 100 N Judah. One and one-half-story and basement frame dwelling.
 Owner.....Emil Olsen, 4136 24th, San Francisco.
 Architect...None.
 Contractor...H. Nelson, 4137 24th, S. F.
 COST, \$1500

(2472) N STATE 75 E Douglas. One and one-half-story and basement frame dwelling.
 Owner.....John Copeland, 4630 18th, San Francisco.
 Architect...None.
 Contractor...S. A. Brown, 174 Cassell Ave., San Francisco.
 COST, \$1800

(2473) E LONDON 275 S Excelsior. Two-story and basement frame residence.
 Owner.....A. Froeseche, London, bet Excelsior and Brazil, S. F.
 Architect...None.
 Contractor...Fred Warden, 533 Laidley, San Francisco.
 COST, \$2000

(2474) S MIGUEL 107 E Arlington. Three-story and basement frame (6) flats.
 Owner.....A. V. Dovenalo, 231 Prentiss, San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Day's work. COST, \$5000

(2475) SW ADLER & COLUMBUS AVE One-story and basement brick stores.
 Owner.....Fred A. Mueller, 2129 University Ave., Berkeley.
 Architect...None.
 Contractor...Chas. Fleischer, 1729 Shattuck Ave., Berkeley.
 COST, \$2800

(2476) E EIGHTEENTH AVE 128-11 N Geary. One and one-half-story and basement frame residence.
 Owner.....J. Donahue, 84 Hampton Place, San Francisco.
 Architect...None.
 Contractor...J. Scanlan, 2466 Geary, San Francisco.
 COST, \$2000

(2477) N LOMBARD 101-3 W Devilsadero. Two-story and basement frame hotel and stores.
 Owner.....Agnes Welscher, 835 Cole, San Francisco.
 Architect...Burke Bldg. & Realty Co., 281 Monadnock Bldg., S. F.
 Contractor...J. J. Burke, 218 Monadnock Bldg., S. F.
 COST, \$15,000

(2478) W FIFTEENTH AVE 75 N Judah. Two-story and basement frame residence.
 Owner.....Dan Mariani, 1414 5th Ave San Francisco.
 Architect...None.

Contractor...C. H. Foster, 1429 Oak, Alameda. COST, \$3000

(2479) NO. 964-A MARKET. Remodel entrance.
 Owner.....W. E. Dean, Kohl Bldg., San Francisco.
 Architect...None.
 Contractor...J. Trounson, 121 5th, S. F.
 COST, \$1000

(2480) SE LISBON 175 SW Excelsior. One-story and basement frame dwlg.
 Owner.....Wm. H. Wessell, 1345 Minna, San Francisco.
 Architect...None.
 Day's work. COST, \$1600

(2481) NO. 234 RIPLEY. One-story and basement frame dwelling.
 Owner.....Geo. Williams, Premises.
 Architect...None.
 Day's work. COST, \$500

(2482) NO. 148 SPEAR. Install three windows, four skylights, trusses and office fixtures.
 Owner.....Anna C. Luhrs.
 Architect...None.
 Contractor...Smith Rice Co., 118 Howard, San Francisco.
 COST, \$1000

(2483) NO. 1275 FORTY-FOURTH AVE. Move and add to residence.
 Owner.....Gordon L. Lee, Premises.
 Architect...None.
 Day's work. COST, \$400

(2484) NO. 2415 TWENTY-SEVENTH AVE. Add porch.
 Owner.....John Wightman, Premises.
 Architect...None.
 Contractor...P. J. Cole, 110 Jessie, S. F.
 COST, \$400

(2485) NO. 140 MASON. Alter room.
 Owner.....E. A. Davis, Premises.
 Architect...None.
 Day's work. COST, \$500

(2486) W LAKE 57-6 E 18th AVE. Two-story and basement frame residence.
 Owner.....Thos. Scoble, 363 14th Ave. San Francisco.
 Architect...E. E. Young, 251 Kearny, San Francisco.
 Day's work. COST, \$5000

(2487) W LAKE 87-6 E 18th AVE. Two-story and basement frame residence.
 Owner.....Thos. Scoble, 363 14th Ave. San Francisco.
 Architect...E. E. Young, 251 Kearny, San Francisco.
 Day's work. COST, \$5000

(2488) E SEVENTH AVE 200 S Judah E 120x25. All work for two-story and basement frame building.
 Owner.....Wm. D. Chamberlin, 1366 8th Ave., San Francisco.
 Architect...None.
 Contractor...M. C. Rench, 1427 5th Ave., San Francisco.
 Filed July 8, '13. Dated July 8, '13.
 Frame up\$1012 50
 Brown coated1012 50
 Completed and accepted.....1012 50
 Usual 35 days.....1012 50
 TOTAL COST, \$4050 00

Bond, \$2050 Surety, American Surety Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(2489) S CALIFORNIA 164-11 E Buchanan E 27-6x8 137-6. Alterations and additions, except plumbing, painting, wiring, electric fixtures, shades and tiling for two-story and basement frame dwelling.

Owner.....P. H. Porter.
 Architect...Nathaniel Blaisdell, 255 California, San Francisco.
 Contractor...J. Harold Johnson.
 Filed July 8, '13. Dated July 3, '13.
 Brick work and framing of walls completed\$692
 Plastering completed694
 Completed and accepted.....694
 Usual 35 days.....692

TOTAL COST, \$2770
 Bond, \$1385. Sureties, A. B. Johnson and H. A. Norman. Limit, 40 days. Forfeit, \$10. Plans and specifications filed.

(2490) NW BUSH AND TAYLOR 137-6 x137-6. All work except steel work, plumbing and painting for one-story Class "B" garage and store building.
 Owner.....Jones & Lubbe, 178 18th Ave., San Francisco.
 Architect...None.
 Contractor...John E. Beck, 110 Jessie, San Francisco.

Filed July 8, '13. Dated July 2, '13.
 Brick work completed.....\$3625
 Roof on3625.
 Completed and accepted.....3625
 Usual 35 days.....3625

TOTAL COST, \$14,500
 Bond, \$7250. Sureties, P. P. Quinn and Herman Lawson. Limit, 55 days. Forfeit, none. Plans and specifications filed
 NOTE:—O. D. Fairfield, 525 41st Ave., San Francisco is the architect.

(2491) S FELL 134 W Polk W 31 S 135-24 NE 38-24 N 112-10-4. Excavation, brick, concrete piers, steel and iron work for two-story and basement brick stores and lofts.
 Owner.....P. J. McGovern, 1318 Haight, San Francisco.
 Architect...T. W. Lenzen, 709 Humboldt Bank Bldg., S. F.
 Contractor...Ralney & Phillips, 180 Jessie, San Francisco

Filed July 8, '13. Dated July 8, '13.
 Excavating completed\$ 500
 Basement walls ready for 1st floor joists1000
 1st story walls ready for 2d story joists1000
 Completed and accepted.....4015
 Usual 35 days.....2172

TOTAL COST, \$3687
 Bond, none. Limit, 36 days. Forfeit, \$10. Plans and specifications filed.

(2492) CARPENTER, MILL, STAIRS, glass, glazing, roofing, galvanized iron, plaster, cement pavements, slide walk lights on above.
 Contractor...Arthur Elvin, 3858 23rd, San Francisco.

Filed July 8, '13. Dated July 7, '13.
 1st floor joists set.....\$ 200
 2nd floor joists set.....300
 Ceiling joists set and roof done 700
 Completed and accepted.....2827
 Usual 35 days.....1343

TOTAL COST, \$5370
 Bond, \$4344. Sureties, B. W. Cameron and O. I. Disston. Limit, 65 days. Forfeit, \$10. Plans and specifications filed.

(2493) SE SANCHEZ & TWENTY-fourth S 90x25. All work for alterations and additions to one-story frame flats.
 Owner.....Peter Gumm, Premises.

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Architect...Salfield & Kohlberg, Clunie Bldg., San Francisco.

Contractor...A. E. Olson, 125 Jersey, San Francisco.

Filed July 8, '13. Dated July 7, '13.

Ready for plaster.....\$925
Plastered.....600
Standing finish on.....600
Completed and accepted.....600
Usual 35 days.....900

TOTAL COST, \$3625

Bond, \$1812.50. Sureties, H. A. Norman and Albin M. Samuelson Limit, 75 days Forfeit, \$10 Plans and specifications filed.

(2494) W WILLARD 75 S Turk 25x 100. All work for alterations and additions to make a one and one-half story frame cottage.

Owner.....Mr. and Mrs. S. Goldsmith, 105 Willard, S. F.

Architect...None

Contractor...W. F. Dulfer, 519 15th Ave. San Francisco.

Filed July 8, '13. Dated July 7, '13.

Four equal payments:
Roof rafters set.....
Brown coated.....
Completed and accepted.....
Usual 35 days.....

TOTAL COST, \$1750

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2495) NO. 137 CLAY, New floor.
Owner.....Hyman Bros, 250 3rd St., San Francisco.

Architect...None

Contractor...O. W. Britt, 330 Ivy Ave., San Francisco.

COST, \$100

(2496) NO. 2201 LAGUNA. Asbestos

"Century" roof.

Owner.....John A. Hooper, Premises.

Architect...None

Contractor...Magnesia Asbestos Supply Co., 332 Howard, S. F.

COST, \$500

(2497) NO. 1750 TENTH AVE. Add one room, new garage, install two mantels and electric wiring.

Owner.....A. E. La Hamore, 340 McAllister, San Francisco.

Architect...None

Contractor...Robt. Failey, 1286 Folsom, San Francisco.

COSTA, \$750

(2498) NO. 2409 OCTAVIA. Repair roof.

Owner.....W. H. Beatty, Premises.

Architect...None

Contractor...Ferguson & Son, 1739 Union, San Francisco.

COST, \$500

(2499) W GATES 100 N Powhattan.

One-story and basement frame dwlg.

Owner.....John C. Schmidt, 16 Ellsworth, San Francisco.

Architect...None

Day's work.....

COST, \$1000

(2500) E TWENTY-EIGHTH AVE

200 S Clement. Two-story and basement frame dwelling.

Owner.....T. Anderson, 2241 Clement, San Francisco.

Architect...None

Day's work.....

COST, \$1750

(2502) BEGINNING AT P.T. 85 S

Pacific and 231-6 W Taylor. Two-story and basement frame residence.

Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.

Architect...None

Day's work.....

COST, \$1900

(2501) BEGINNING AT POINT 110 S

Pacific and 214 W Taylor. Two-story and basement frame residence.

Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.

Architect...None

Day's work.....

COST, \$1900

(2503) BEGINNING AT POINT 85 S

Pacific and 214 W Taylor. Two-story and basement frame residence.

Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.

Architect...None

Day's work.....

COST, \$1900

(2504) BEGINNING AT POINT 60 S

Pacific and 231-6 W Taylor. Two-story and basement frame residence.

Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.

Architect...None

Day's work.....

COST, \$1900

(2505) BEGINNING AT POINT 110 S

Pacific and 231-6 W Taylor. Two-story and basement frame residence.

Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.

Architect...None

Day's work.....

COST, \$1900

(2506) BEGINNING AT POINT 60 S

Pacific and 214 W Taylor. Two-story and basement frame residence.

Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.

Architect...None

Day's work.....

COST, \$1900

(2507) S VANDEWATER 91-8 E Mason

22-11x60. All work except finish hardware, gas fixtures and window shades for two-story and basement frame flats.

Owner.....Luigi Merlo, 26 Vandewater, San Francisco.

Architect...None

Contractor...B. Pagano, 48 Allen, S. F.

Filed July 9, '13. Dated July 8, '13.

Frame up.....\$975

Brown coated.....975

Completed and accepted.....975

Usual 35 days.....975

TOTAL COST, \$3900

Bond, \$1950. Sureties, E. Cicerone and N. Caprice. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(2508) SW VAN NESS AVE AND

California. Electrical work for reinforced concrete building.

Owner.....Albert Abrams, 246 Powell, San Francisco.

Architect...M. J. Lyon, Lick Bldg., San Francisco.

Contractor...Northern Constr. Co., Mills Bldg., San Francisco.

Sub-Contractor...Eppstein Elec. Co., 708 Mission, San Francisco.

Filed July 9, '13. Dated April 30, '13.

On 25th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$1400

Bond, limit, forfeit, none. Plans and specifications, none.

(2509) W FORTY-FIFTH AVE 175 S

Irving. Alterations and additions to make a one and one-half-story frame cottage.

Owner.....H. and H. S. Borromeo, 266 Pacific, San Francisco.

Architect...None

Contractor...C. Wengard, 3638 Judah, San Francisco.

Filed July 9, '13. Dated July 8, '13.

Frame up.....\$375

Brown coated.....375

Completed and accepted.....375

Usual 35 days.....375

TOTAL COST, \$1300

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2510) SW ELLIS AND FRANKLIN.

All work except plumbing, heating and electric work for Sacred Heart College.

Owner.....Roman Catholic Archbishop of S. F. (cpn)

Architect...Frank T. Shea and John O. Lofquist, 550 Montgomery San Francisco.

Contractor...John J. Leonard, 180 Jessie San Francisco.

Filed July 9, '13. Dated July 7, '13.

On 1st of each month.....75%

Usual 35 days, 25%.....\$15,849.75

TOTAL COST, \$63,399.00

Bond, none. Limit, 150 days from commencement. Forfeit, \$10. Plans and specifications filed.

NOTE—Above will be a two and three-story building.

(2511) SE ELLIS AND STEINER S

87-6x E 68-9. All work for one-story brick and steel garage.

Owner.....Isabelle D. Pool.

Architect...J. R. Miller, Lick Bldg., San Francisco.

Contractor...E. W. Elliot, 180 Jessie, San Francisco.

Filed July 9, '13. Dated July 8, '13.

Brick work completed.....\$1772

Roof on.....1772

Completed and accepted.....1772

Usual 35 days.....1772

TOTAL COST, \$7088

Bond, \$3544. Surety, Pacific Coast Casualty Co. Limit, 35 days after July 7. Forfeit, none. Plans and specifications filed.

(2512) EXPOSITION SITE. All work for rock breakwater.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None

Contractor...Healy-Thibbitts Constr. Co., 9 Main, San Francisco.

Filed July 9, '13. Dated June 6, '13.

As work progresses.....75%

Usual 35 days.....25%

TOTAL COST, \$13,000

Bond, \$7000. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2513) SW PORT AND POWELL W

137-6 S 63-6 E 69-7 N 6-6 E 67-11 N

57. Heating and ventilating system for addition to St. Francis Hotel.

Owner.....Crocker Hotel Co.

Architect...Bliss & Faville, Bathoa Bldg., San Francisco.

Contractor...The Turner Co., 278 Natoma, San Francisco.

Filed July 9, '13. Dated July 8, '13.

On 1st of each month.....75%

Usual 35 days.....25%

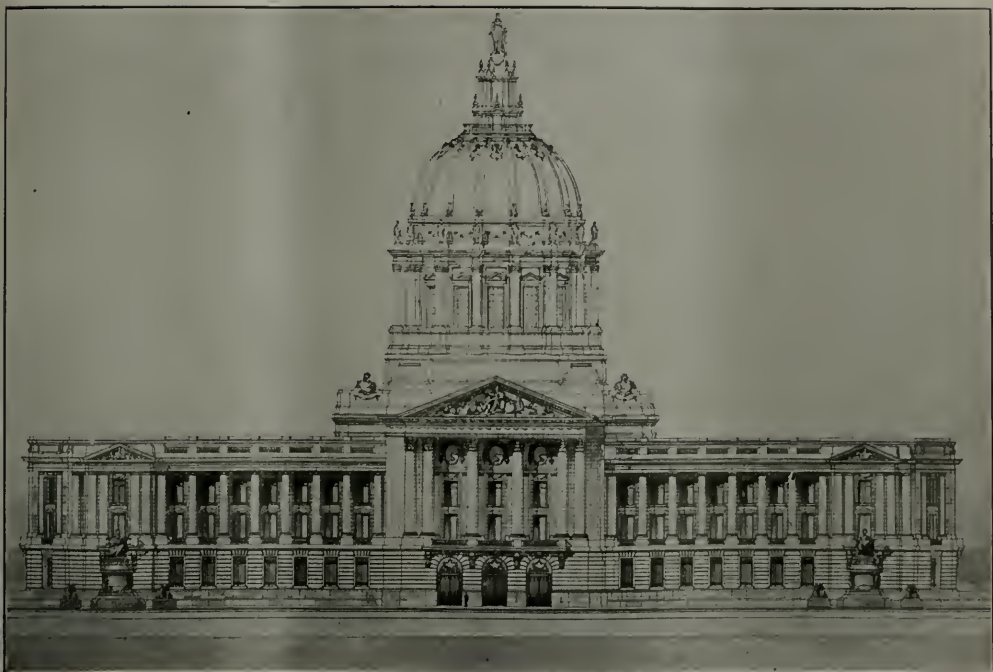
TOTAL COST, \$12,173

Bond, \$6086.50. Surety, Globe Indemnity Co. Limit, 30 days after plaster completed. Forfeit, \$50. Plans and specifications filed.



WEST ELEVATION SAN FRANCISCO CITY HALL
San Francisco

Bakewell & Brown, Architects
San Francisco



EAST ELEVATION SAN FRANCISCO CITY HALL
San Francisco

Bakewell & Brown, Architects
San Francisco

(2514) PLUMBING, SEWERING, GAS piping, drainage, stand pipes, hose reels, sewer ejector, etc., on above.
Contractor...Wm. F. Wilson Co., 1175 Turk, San Francisco.
Filed July 9, '13. Dated July 8, '13.
Payments same as above.....
TOTAL COST, \$60,478
Bond, \$30,239. Surety, New England Casualty Co. Limit, 35 days after plaster done. Forfeit, \$50. Plans and specifications filed.

(2515) W UPPER TERRACE 275 S Clifford. One-story concrete private garage.
Owner.....Cyrus C. Walker, 230 Upper Terrace, S. F.
Architect...None.
Day's work..... COST, \$400

(2516) SW PIERCE & PACIFIC AVE. Install door, concrete floor and erect stairs.
Owner.....Jas. Irvine, Premises.
Architect...F. S. Holland, 100 Haight, San Francisco.
Contractor...J. S. Hannah, Williams Bldg., San Francisco.
COST, \$450

(2517) NE BUCHANAN AND UNION. Alter and repair building.
Owner.....P. Carfagni, 1998 Union, San Francisco.
Architect...None.
Contractor...R. Ratto & Co., 3125 Steiner, San Francisco.
COST, \$475

(2518) NO. 105 ELLIS. Electric sign.
Owner.....Oriental Tavern Co. Prem.
Architect...None.
Contractor...Moise-Klinkner, 1212 Market, San Francisco.
COST, \$400

(2519) NO. 1158 ALABAMA. Alter and repair residence.
Owner.....Mrs. Mary A. Kelton, Prem.
Architect...P. L. Gehney, 264 Church, San Francisco.
Day's work..... COST, \$1000

(2520) NO. 466 TWENTY-FIRST AVE. Raise dwelling and add 3 rooms.
Owner.....Geo. P. Crosswhite, Prem.
Architect...None.
Day's work..... COST, \$500

(2521) NO. 4331 TWENTY-THIRD. Repairing, carpenter work, back porches, painting interior and exterior.
Owner.....Woodmann Realty Co., 241 Montgomery, S. F.
Architect...None.
Contractor...B. P. Gale, 2542 17th, S. F.
COST, \$500

(2522) NO. 1489 VAN DYKE. Add 4 rooms and minor repairs to dwlg.
Owner.....T. F. McGovern, Premises.
Architect...None.
Contractor...G. Optiz, 115 Campbell Ave., San Francisco.
COST, \$500

(2523) S TWENTY-SECOND 155 W Sanchez. One and one-half-story and basement frame residence.
Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work..... COST, \$2000

(2524) S TWENTY-SECOND 130 W Sanchez. One and one-half-story and basement frame residence.

Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work..... COST, \$2000

(2525) W HYDE 92 N Sacramento. Three-story and basement frame (6) apartments.
Owner.....Metropolis Invst. Co., 353 Bush, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Day's work..... COST, \$2000

(2526) N SACRAMENTO 77 W Hyde. Three-story and basement frame (6) apartments.
Owner.....Metropolis Invst. Co., 353 Bush, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Day's work..... COST, \$8000

(2527) N WASHINGTON 148 E Van Ness Ave. Three-story and basement frame (6 flats).
Owner.....Metropolis Invst. Co., 353 Bush, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Day's work..... COST, \$11,000

(2528) W FIFTEENTH AVE 200 N Irving. Two-story and basement frame residence.
Owner.....Sunset Home Realty Co., 1401 7th Ave., S. F.
Architect...None.
Contractor...Cox Bros., 1375 9th Ave., San Francisco.
COST, \$4000

(2529) W FIFTEENTH AVE 225 N Irving. Two-story and basement frame residence.
Owner.....Sunset Home Realty Co., 1401 7th Ave., S. F.
Architect...None.
Contractor...Cox Bros., 1375 9th Ave., San Francisco.
COST, \$4000

(2530) W NEWHALL 50 S Galv z. One-story and basement frame warehouse.
Owner.....Salles & Chicorp, Newhall and Evans, San Francisco.
Architect...None.
Day's work..... COST, \$2800

(2531) S FILBERT 179-54 E Gough E 27x8 137-6. All work except grading, plumbing, painting, tinning and chimneys for three-story and basement frame flats.
Owner.....S. Montani and G. Stefanini, 1753 Greenwich, S. F.
Architect...C. O. Clausen, Phelan Bldg., San Francisco.
Contractor...V. Rege and G. Rege, 1623 Powell, San Francisco.
Filed July 10, '13. Dated July 8, '13.

Frame up\$1750
Brown coated 1770
Completed and accepted..... 1770
Usual 35 days..... 1770
TOTAL COST, \$7080
Bond, \$3540. Sureties, H. Capurro and G. Giusti. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—Specifications give V. Rege and G. Rege as owners.

(2532) N TWENTIETH 25 W Missouri W 25xN 100. All work except basement partitions, cement floors and walls and street services for two-story frame flats.
Owner.....Mrs. Amanda E. Tuft, 369 Connecticut, San Francisco.
Architect...None.

Contractor...J. S. Matloch, 90 Jessie, San Francisco.
Filed July 10, '13. Dated July 9, '13.
Building framed\$1000
Brown coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000
TOTAL COST, \$4000

Bond, none. Limit, 90 days after July 11. Forfeit, none. Plans and specifications filed.

(2533) S GENEVA AVE 5077 E Madrid E 25x8 100. All work except painting for one-story and basement frame residence.
Owner.....W. J. Peebles.
Architect...M. J. Welsh, 22nd & Mission, San Francisco.
Contractor...Gus Anderson.

Filed July 10, '13. Dated July 8, '13.
Frame up\$537.50
Brown coated 537.50
Completed 537.50
Usual 35 days..... 587.50
TOTAL COST, \$2150.00

Bond, none. Limit, 75 days after July 10. Forfeit, \$1. Plans and specifications filed.

(2534) S WASHINGTON 108-9 E Battery E 37-6x8 120. Construction, erection and repair of east wall of building.
Owner.....Henrietta E. Clark.
Architect...Chas. F. Mau, Macdonough Bldg., Oakland.
Contractor...McGowan & Butler, 180 Jessie, San Francisco.

Filed July 10, '13. Dated July 10, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5850
Bond, \$3000. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, none. Specifications only filed.

(2535) SE POST AND MASON E 110x S 137-6. Fabrication, erection, delivery of steel and cast iron work for church building.

Owner.....First Congregational Society of S. F., Premises.
Architect...Reid Bros., California-Pacific Bldg., S. F.
Contractor...Ralston Iron Works, 24th & Indiana, San Francisco.

Filed July 10, '13. Dated July 8, '13.
On 5th and 20th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$13,876

Bond, \$7000. Surety, Massachusetts Bonding & Insurance Co. Limit, 150 days. Forfeit, \$25. Plans and specifications filed.

(2536) NO. 520 MARKET. New front and minor changes in saloon.
Owner.....John Butler, P. emises.
Architect...None.
Contractor...Bronswick - Balke - Colender Co., 765 Mission, S. F.
COST, \$500

(2537) NO. 2606 PACIFIC AVE. Install galvanized skylights, roofing, re-arrange columns, steel metal work, wiring, glazing, painting, etc., for residence.

Owner.....W. H. La Boyteaux, Prem.
Architect...Nathaniel Haldell, 255 California, San Francisco.
Contractor...J. Harold Johnson, 732 9th Ave., San Francisco.
COST, \$1000

(2538) NE ELWOOD & OFARRELL. Alter front, change toilet and flue.
Owner.....Mrs. A. McCleod.
Architect...None.

Contractor...J. E. Scully, 666 Phelan Bldg., San Francisco.
COST, \$500

(2539) E ALABAMA 105 S Ripley.
One-story and basement frame dwlg.
Owner.....John Jalonen, 191 Capp, San Francisco.

Architect...None.
Day's work.....COST, \$1000

(2540) NO. 1432 Alhambra. Repair
Fire damage.
Owner.....D. Suter Estate, 20 Montgomery, San Francisco.

Architect...None.
Contractor...Emil Rosenberg, 1845 Buchanan, San Francisco.
COST, \$400

(2541) NO. 2150 FILBERT (rear).
New foundation and add one room.
Owner.....E. Brigan, 2150 Filbert, San Francisco.

Architect...None.
Day's work.....COST, \$500

(2542) E FORTY-THIRD AVE 100 N
Fulton. Two-story and basement
frame residence.

Owner.....H. P. Umbson, 366 Russ Bldg., San Francisco.
Architect...Coates & Traver, Head Bldg., San Francisco.

Day's work.....COST, \$3000

(2543) E FORTYTHIRD AVE 135 N
Fulton. Two-story and basement
frame residence.

Owner.....H. P. Umbson, 366 Russ Bldg., San Francisco.
Architect...Coates & Traver, Head Bldg., San Francisco.

Day's work.....COST, \$3000

(2544) NE CLEMENTINA & FIFTH.
Add one-story frame.

Owner.....John Rogers, Premises.
Architect...None.
Contractor...W. Pups, 1301 Gough, S. F.
COST, \$400

(2545) NO. 372 LONDON. Concrete
work and underpin dwelling.

Owner.....Wm. J. Campbell, Premises.
Architect...None.
Contractor...C. Menk, 558 Bright, S. F.
COST, \$500

(2546) W MILL 125 N Harkness.
General repairs to residence.

Owner.....August Reburg, 64 Mill, San Francisco.
Architect...None.
Contractor...Paul Hopfer, 6 Delta, San Francisco.

COST, \$400

(2547) E TWENTY-FIFTH AVE 79 S
Lake. Two-story and basement
frame residence.

Owner.....Jeanette Yates, 310 Lick Bldg., San Francisco.
Architect...Martin A. Schmidlin, 310 Lick Bldg., San Francisco.

Contractor...Wm. F. Yates, 310 Lick Bldg., San Francisco.
COST, \$1500

(2548) SE POST AND MASON E 110x
S 137-6. Decorating, interior tinting
and wall painting for church building

Owner.....First Congregational Society of S. F., Premises.
Architect...Beth Bros., Cal-Pacific Bld., San Francisco.

Contractor...A. C. Worker, 1370 Sutter, San Francisco.

Filed July 11, '13. Dated July 8, '13.

On 5th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2600
Bond, \$1300. Surety, National Surety Co. Limit, 45 days after June 1. Forfeit, \$25. Plans and specifications filed.

(2549) ALL WORK EXCEPT STEEL
and cast iron, decoration, lighting
fixtures, lamps, window shades, art
glass, pews and organ on above.

Contractor...Stockholm & Allyn, Monadnock Bldg., S. F.

Filed July 11, '13. Dated July 8, '13.

Payments on 10th of each month
of labor and material..... 75%

Usual 35 days..... 25%

Contractor to receive 5% of total cost
which cost including said 5% not to
exceed \$117,250.

Bond, \$60,000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 8
months. Forfeit, \$25. Plans and specifications filed.

(2550) LIGHTING FIXTURES ON
above.

Contractor...H. W. Johns-Manville Co.,
2nd and Howard, S. F.

Filed July 11, '13. Dated July 8, '13.

On 10th of each month..... 10%

Usual 35 days..... 25%

TOTAL COST, \$1760

Bond, \$2400. Surety, Massachusetts
Bonding & Insurance Co. Limit, 45
days after June 1. Forfeit, \$25. Plans
and specifications filed.

(2551) TAKING DOWN, PACKING,
removal from premises and storing of
organ now in present building and
erecting same in new church building.

Contractor...Felix F. Schoenstein & Son,
2306 Bryant, S. F.

Filed July 11, '13. Dated July 8, '13.

Organ stored and insured.....\$196.80

When installed in new building
75% of contract price less 1st
payment..... 25%

Usual 35 days..... 25%

TOTAL COST, \$1721.00

Bond, \$900. Surety, R. F. Tilton. Limit,
30 days after building ready. Forfeit,
\$25. Plans and specifications filed.

(2552) NW GRANT AVE & MANILA.
All work except marble, mosaic and
the work, iron work, dumb waiter
mechanism, glazing, mirrors, art
glass, iron stairway, candy show
case, soda water fountain, lighting
fixtures, finish hardware, painting,
plumbing and gas fitting for interior
fitting of basement, ground floor and
mezzanine floor of 137 Grant Ave.

Owner.....The Orear Co.

Architect...Alfred H. Jacobs, 110
Sutter, San Francisco.

Contractor...Wm. Bateman, 1915 Bryant
San Francisco.

Filed July 11, '13. Dated July 11, '13.

Completed and accepted.....\$3716.25

Usual 35 days..... 1248.75

TOTAL COST, \$1995.00

Bond, \$2497.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, none.

Forfeit, \$18.33. Plans and specifications filed.

(2553) S JACKSON 106 W Polk W 35
x S 127-8 1/2. All work for three-story
frame building (8 apartments and
store).

Owner.....Dr. H. S. and Susan A.
Welch, 1617 Jackson, S. F.

Architectural Eng. ...J. D. Bell.

Contractor...J. D. Bell, 340 Pacific Bldg
San Francisco.

Filed July 11, '13. Dated July 9, '13.

Frame up\$3500

Outside on, roof on and ready for
lath 3800

Completed 3800

Usual 35 days..... 3800

TOTAL COST, \$13,200

Bond, \$mit, forfeit, none. Plans and
specifications filed.

(2554) NO. 2145 GROVE. Alter and
add to present dwelling so as to
make flats of 5 and 6 rooms.

Owner.....Mary Quinn, Premises.
Architect...None.

Contractor...H. P. Otten, 131 10th Ave.,
San Francisco.

COST, \$3183

(2555) W STOCKTON 137-6 N Sutter.
Alter present six-story Class "C"
apartments.

Owner.....Dr. J. Soboslay, 670 Fulton,
San Francisco.

Architect...Lewis M. Gardner, 740
Phelan Bldg., S. F.

Contractor...Rainey & Phillips, 180
Jessie, San Francisco.

COST, \$7500

(2556) E THIRTY-SEVENTH AVE
200 N Fulton. One-story frame dwlg.

Owner.....J. M. McGrath, 347 Masonic
Ave., San Francisco.

Architect...None.

Contractor...Segurson Bros., 350 Guer-
rero, San Francisco.

COST, \$3700

(2557) S TWENTY-FOURTH 25 E
Hoffman. Two-story and basement
frame residence.

Owner.....Robert Ingenlath, 4397
24th, San Francisco.

Architect...None.

Contractor...M. Becker, Corbett Road,
San Francisco.

COST, \$2600

(2558) NO. 3636 CLAY. Two story
addition to residence.

Owner.....Chas. C. Judson, 240 Cali-
fornia, San Francisco.

Architect...Albert Farr, 68 Post, S. F.

Contractor...Chas. O. Smith, 240 Cali-
fornia, San Francisco.

COST, \$1500

(2559) NO. 610 FILLMORE. Repair
fire damage.

Owner.....H. A. Meyer, E-14th St.,
Oakland.

Architect...None.

Contractor...Geo. Lohr, 689 Kansas,
San Francisco.

COST, \$1250

(2560) S HAIGHT 31-8 E Pierce.
Three-story and basement frame (12)
apartments.

Owner.....Chas. C. Terrill Estate Co.,
1135 Masonic Ave., S. F.

Architect...A. J. Bain, Phelan Bldg.,
San Francisco.

Day's work.....COST, \$12,000

(2561) N MANGELS 100 E Congo.
One-story and basement frame dwlg.

Owner.....Mrs. F. B. Ross, 180
Mangels Ave., S. F.

Architect...None.

Day's work.....COST, \$500

(2562) W MISSOURI 100 N 20th. Add
to church.

Owner.....Potrero M. E. Church.
Architect.....None.
Contractor.....A. F. Reif, 391 Missouri,
San Francisco.

COST, \$1100

(2563) SW ELLIS AND POWELL.
Minor repairs to saloon.
Owner.....Theo. Lunsted, Premises.
Architect.....None.

Contractor.....Brunswick, Balke, Col-
lender Co., 765 Mission, S. F.
COST, \$400

(2564) NO. 1030 DOLORES. Move
partitions and enlarge rooms.
Owner.....Mrs. F. P. Stone, Premises.
Architect.....None.

Contractor.....C. Carson & Son, 219 32nd,
Ave., San Francisco.
COST, \$400

(2565) SW TAYLOR AND TURK. Re-
place wood walls with brick.

Owner.....A. W. Wilson, St. Regis
Apartments, S. F.

Architect.....C. A. Meussdorffer, Hum-
boldt Bank Bldg., S. F.

Contractor.....John E. Beck, 110 Jessie,
San Francisco.

COST, \$750

(2566) N SEVENTEENTH 359 W
Church. Two-story and basement
frame flats.

Owner.....Edward Richardson, 3634
17, San Francisco.

Architect.....None.

Contractor.....Wm. G. Zupar, 1095 Mis-
sion, San Francisco.

COST, \$2500

(2567) S BUSH 137-6 W Powell S 137-6
xW 46. Electrical wiring and tele-
phone system for five-story and
basement Class "C" apartments.

Owner.....Walter J. O'Brien, Clunie
Bldg., San Francisco.

Architect.....O'Brien Bros., Inc., Clunie
Bldg., San Francisco.

Contractor.....Globe Elec. Works, 1959
Mission, San Francisco.

Filed July 12, '13. Dated June 24, '13.

On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1565

Bond, none. Limit, 40 days after noti-
fication. Forfeit, none. Plans and
specifications, none.

(2568) STEAM AND HOT WATER
heating system on above.

Contractor.....Victor Engineering Co., 21
Spear, San Francisco.

Filed July 12, '13. Dated June 24, '13.

Payments same as above.....

TOTAL COST, \$1050

Bond, none. Limit, 40 days after noti-
fication. Forfeit, none. Specifications
only filed.

(2569) ONE ELECTRIC PASSENGER
elevator on above.

Contractor.....Otis Elevator Co., Beach &
Stockton, San Francisco.

Filed July 12, '13. Dated June 23, '13.

On shipment of engine..... 1/2

Engine in permanent position..... 1/4

Complete running order..... 1/4

TOTAL COST, \$1975

Bond, limit, forfeit, none. Specifi-
cations only filed.

(2570) SE BEALE AND MISSION S
109x E 45-6. Excavation, wrecking,
concrete, brick, side walks, iron and
steel, galvanized iron, roofing, car-
penter, hardware, painting, lath,
plaster, electric work, plumbing and

gas fitting for one-story Class "C"
building.

Owner.....Boldt & Dabel, 299 Mission,
San Francisco.

Architect.....O'Brien Bros., Inc., Clunie
Bldg., San Francisco.

Contractor.....A. Wallen, 1253 Waller,
San Francisco

Filed July 12, '13. Dated July 11, '13.

Brick work scaffold high.....\$750

Brick work completed..... 750

Building completed and accepted 730

Usual 35 days..... 730

TOTAL COST, \$2920

Bond, none. Limit, 40 days after July

14. Forfeit, none. Plans and specifi-
cations filed.

(2571) SE COR. MISSION & DELA E.

All work for one reinforced concrete

wall 145-10 feet long by 9 ft.

Owner.....T. J. Moynihan, 401 Folsom
San Francisco.

Contractor.....A. M. Wallen, 1253 Waller,
San Francisco.

Filed July 12, '13. Dated —.

Wall up to floor of present bldg. \$600

Completed and accepted..... 600

TOTAL COST, \$1200

Bond, limit, forfeit, none. Plans and
specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO.

July 3, 1913—N O'FARRELL 100 W
Fillmore 55x143-6. Frederick H
Dakin to Otto Carson & Co.....

..... June 28, 1913

July 3, 1913—E WAYNE PLACE
(Scott) 87-6 S Broadway S 25x E 56.

A Podesta to G Segale & F De Mar-
tini.....

..... June 27, 1913

July 3, 1913—W CAPISTRANO AVE
164 N Santa Ynez Ave N 25xW 125.

A A Wesendunk to whom it may
concern.....

..... July 2, 1913

July 3, 1913—W CONNECTICUT 42 S
18th S 33xW 100. Sterling Invest-
ment Co to B W Demarals and

Rainey & Phillips.....

..... June 26, 1913

July 3, 1913—E TWENTY-SEVENTH
Ave 125 S Anza S 25x E 120. Ernest

B and Myrtle F Dunn to Ernest E
Dunn.....

..... July 3, 1913

July 3, 1913—SE IRVING & FOURTH
Ave S 25x E 95. Bremen Land Co

to Charles Duebel Co.....

..... July 3, 1913

July 3, 1913—E TWENTY-FIRST
Ave 250 S Irving S 25x E 120.

August Klahn to whom it may
concern.....

..... July 3, 1913

July 3, 1913—W THIRTEENTH AVE
125 N Judah 30x120. H C Meyer to

Edward Anderson.....

..... June 26, 1913

July 7, 1913—E VAN NESS AVE 60
N Turk N 30 E 100 S 22 W 4 S 8

W 96. Wm Goeggel to C D Rankin

.....

..... July 2, 1913

July 7, 1913—CLIPPER NOS 456 TO
458. Annie and E J Preston to

Ellington & Holt.....

..... July 3, 1913

July 7, 1913—S UNION 137-6 W Jones
26-6x120. D Ceregino to De-

vincenzi Bros & Co.....

..... July 2, 1913

July 7, 1913—EXPOSITION SITE.
Panama-Pacific International Ex-

position Co to Jas H O'Brien, June
30; Michael Murphy, June 30;

Healy Tibbitts Constr Co, July 2;
The Gordon Constr Co, July 2;

Pringle Dunn & Co.....

..... July 2, 1913

July 7, 1913—COMG. 116.87 E fm NE
24th Ave and West Clay N 122.16

at angle 70 deg 50 min E 122.84
at angle 78 deg 41 min S 126.84
at angle 101 deg 19 min to N In West

Clay th at angle 72 deg 50 min W
45 Lots 47 and 48 West Clay Park.

James B Crowley to W A and C C
Terrill.....

..... July 3, 1913

July 7, 1913—NW VAN NESS AND
Oak W 157-6 N 80 W 21 N 40 E

178-6 S 120. Masonic Temple Ass'n
of California to John Zelle.....

..... June 30, 1913

July 7, 1913—FILLMORE NOS. 1345-
1353. Hale Bros, Inc. to whom it

may concern.....

..... July 3, 1913

July 7, 1913—W NINETEENTH AVE
150 N Lake N 25xW 120. Ida E

Lewis to C Smith.....

..... July 3, 1913

July 7, 1913—SW SIXTH 25 SE Mis-
sion SE 60xSW 75. Edw H Mitchell

to Central Elec Plumbing & Heat-
ing Co, June 27, '13; General Eng

Co, June 27, '13; F Griffin, June 27, '13

July 7, 1913—N CRESCENT AVE 175
E Mission E 25x100. Teresa Varni

to Orri & Marschalek.....

..... July 2, 1913

July 7, 1913—N PILBERT 137-6 E
Powell E 137-6xN 160. Ronan

Catholic Archbishop of S F to
Central Iron Works.....

..... June 28, 1913

July 8, 1913—NW ELLINGTON
(Porter) Ave 75 NE Whipple

(Worden) Ave NE 25xNW 100, ptn
Blk 17 West End Map No. 2. Lorenzo

Ferreiros and Louis Depaoli to
whom it may concern.....

..... July 1, 1913

July 8, 1913—NW ELLINGTON
(Porter) Ave 50 NE Whipple

(Worden) Ave NE 25xNW 100, ptn
Blk 17 West End Map No. 2. Lor-

enzo Ferreiros and Louis Depaoli
to whom it may concern.....

..... July 1, 1913

July 8, 1913—NE VAN NESS AVE &
California N 142-24x E 100. Royal

Investment Co to Robert Dewar &
Son.....

..... July 8, 1913

July 8, 1913—NE TURK AND FILL-
more N 275x E 130. Realty & Re-

building Co by Macdonald & Kahn
to A Lynch & Co.....

..... July 7, 1913

July 8, 1913—E TWENTIETH AVE
225 N Clement N 25x E 120. John

M Peters to whom it may concern

.....

..... July 7, 1913

July 8, 1913—W PENNSYLVANIA AV
425 N 22nd. John Doherty to M

W and J M Janson.....

..... July 1, 1913

July 8, 1913—NE MISSION AND 4TH
N 80x E 80. P J Walker Co, Agts

The Voorman Co to Van Emon Elev
Co.....

..... July 1, 1913

July 8, 1913—W PIERCE 125 N Lam-
bard N 25xW 110. Pilade Vannelli

to Domenico Francesconi.....

..... July 8, 1913

July 8, 1913—N GREEN 91-6 E Hyde
E 46xN 62-6. Margaret M Sison

Tr W P Sison Trust to W L Terry

et al.....

..... July 1, 1913

July 8, 1913—E HYDE 110 S Sacra-
menta S 27-6x E 137-6. Frederick

W Lurmann to Frederick W Lur-
mann.....

..... July 8, 1913

July 8, 1913—E CHATTANOOGA 130
NE 24th N 22-6x E 117. William

Schonberg to Wm C Hamerton &
Son.....

..... July 8, 1913

July 9, 1913—E EIGHTH AVE 100
S Lincoln Way 25x120. C T Reese to

John V Stiefel.....

..... July 7, 1913

July 9, 1913—S MISSION 220 E 6th
E 55x160. John G Barker to whom

it may concern.....

..... July 9, 1913

July 9, 1913—N BERNARD 91-6 W
Jones W 23xN 60. David Salfield

to N P Anderson.....

..... July 2, 1913

July 9, 1913—N SUNNYSIDE AVE 125
E Foerster E 25xN 100 Lot 12 Blk

21, Sunnyside, Edward A and Rose

A Duffey to whom it may concern

.....

..... July 9, 1913

July 9, 1913—SE CLEMENT & 17TH

Ave. B J Hooper to whom it may

LIENS FILED.

San Francisco.

concern.....July 9, 1913
 July 9, 1913—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training (cpn) to Arthur Arlett.....July 8, 1913
 July 10, 1913—W GUERRERO 50 S Dorland S 25xW 125. Maria Heinz by Attorney G C Heinz to whom it may concern.....July 10, 1913
 July 10, 1913—NE MISSION AND Fourth N 80x E 80. The Voorman Co (P J Walker Co, Agts) to Chas Deynhardt and J Gensler, July 9; Whitman-Lyman Co.....July 9, 1913
 July 10, 1913—NE PINE & JONES N 82-6x E 43. Theo J Roche to Standard Iron Works, July 2; Marshall & Stearns Co, July 2; S Ginsberg & Co, June 30; General Eng Co.....July 7, 1913
 July 10, 1913—NE COLUMB'S AVE and Vallejo E 77-8xN 137-6. Roman Catholic Archbishop of S F to National Elice Co.....July 3, 1913
 July 10, 1913—SW POWELL AND Sutter W 100 S 75 E 100-0 1/2 N 76-10 York Realty Co to Val Franz.....June 30, 1913
 July 10, 1913—NW SACRAMENTO & Powell N 32xW 91-6. Clay M, Wm, and Frances M Greene and Ursula G Sawyer to John G Sutton Co.....July 9, 1913
 July 10, 1913—NW HOWARD 370 SW Third SW 40xNW 80. Clara Bibbero to Kessel, July 7; Condon & Band, July 8; L A Hinson.....July 7, 1913
 July 11, 1913—SW CALIFORNIA & Leidesdorff. The Insurance Exchange Inc to C C Moore & Co, Eng copn.....July 11, 1913
 July 11, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear 107-6 extending on E and W sides 137-6. The Insurance Exchange Inc to Gladding & McBean Co.....July 2, 1913
 July 11, 1913—W ISIS 106-2 1/2—12th on curved line S 26-2 1/2 W 75 N 27-1 1/2 E 75. Frank B Dresser and Chas J McDonnell to whom it may concern.....July 11, 1913
 July 11, 1913—S HUDSON AVE (8th Ave South) 360 E Keith (K South) E 50xS 100, Ptn Lot 222 Blk 163, Central Park Hd Ass'n. Anna and Peter Lassus to whom it may concern.....July 8, 1913
 July 11, 1913—BLK BDED ON E BY Buchanan extended N, N by U S Government bulkhead line, W by Webster produced N, S by Jefferson. Panama-Pacific International Exposition Co to Healy-Thibault Const Co.....July 3, 1913
 July 11, 1913—N O'FARRELL 100-6 W Franklin W 33-x120; No. 1124 O'Farrell, A F Schleicher to Kearns & Finnegan, Condon & Brand, et al.....July 1, 1913
 July 11, 1913—NE PINE AND JONES N 82-6x E 43. Theo J Roche to Ouis Elevator Co.....July 10, 1913
 July 11, 1913—C O'GIMG 187-6 E from 84 1/2th and Howard E 25xS 100. Fritz Polm to John W Weising.....July 8, 1913
 July 11, 1913—LOT 5 BLK 15 Crocker Amazon Tr Co, R D Watkins to A Sisco.....July 8, 1913
 July 11, 1913—NW HARRISON 113-1 NE 60 NE 21-5xNW 80. G F Spitz to whom it may concern.....June 10, 1913
 July 11, 1913—S SOUTH PARK AND Second SE 137-6xSW 122. Nat Rapraet to John G Sutton Co.....July 10, 1913

July 3, 1913—SE SEVENTEENTH & Church E 30xS 93. R McLelland vs J C Bernal, G D Patterson & Co, Ayres Brothers and Chas Elhibotte.....\$37.15
 July 3, 1913—SE CHURCH & 17TH E 30xS 93. L H Birth vs G D Patterson and J C Bernal.....\$116.60
 July 3, 1913—SE SEVENTEENTH & Church 93 on Church and 30 along 17th. Andrew O Wagner vs C D Patterson Co and J C Bernal.....\$70
 July 3, 1913—SE CHURCH & 17TH E 30xS 93. W H Yates vs G D Patterson Co and J C Bernal.....\$57.20
 July 7, 1913—SE SEVENTEENTH & Church E 30xS 93. Frank Falvey vs J C Bernal and G D Patterson Co.....\$393
 July 8, 1913—E SAN JOSE AVE 50-85 N Tingley, Lot 134 De Martini Tet No. 1615 San Jose Ave. Thompson Roberts vs Estate Daniel Suter.....\$39
 July 8, 1913—NW CLAY & MONTGOMERY N 68-9xW 75. Mutual Construction Co vs Pshaw Estate Co.....\$500
 July 8, 1913—N PACIFIC 68-9 W Grant Ave W 32-9 N 65-6 E 20 N 72 E 81-6 S 40 W 72 S 55-6 E 3 S 42. M H Healy and Chas C Horton vs (Standard Crushed Rock Co) vs Lucie Marchebout, G W Boxton and Stangquist & Taylor.....\$302.55
 July 9, 1913—W ELEVENTH AVE 150 N Noriega (N) N 25xW 120. San Francisco Lumber Co vs Albert Bjorass and Lena M Mathisen emly G. Likken.....\$336.18
 July 10, 1913—N EDDY 68-9 E Mason E 68-9 N 89-6 E 75 N 96 W 75 S. 10-6 W 68-9 S 175. H A Steffen vs Wm H and Ernestine Leahy.....\$121.50
 July 10, 1913—N EDDY 68-9 E Mason E 68-9 N 89-6 E 75 N 95 W 75-0 10 S 10-6 W 68-9 S 175. Olson-Mahoney Lumber Co vs Ernestine, W H and Jas Leahy & Joseph Crellin.....\$1194.81
 July 10, 1913—E DIAMOND 122-6 N 21st N 25x E 125. J L Herger vs Bay Cities Home Bldg Co.....\$75
 July 10, 1913—E DIAMOND 147-6 N 21st N 25x E 125. J L Herger vs Bay Cities Home Bldg Co.....\$75
 July 10, 1913—N EDDY 68-9 E Mason E 68-9 N 89-6 E 75 N 95 W 75 S 10-6 W 68-9 S 175. L A Morris Co vs Ernestine Leahy, W H Leahy, Martin M Fennell and Thomas L Wand (as Fennell & Wand).....\$121.21
 July 10, 1913—W ELEVENTH AVE 150 N Noriega N 25xW 120. Eureka Sash, Door & Moulding Mills vs Thos L Mathisen, Lena M Mathisen and A Bjorass.....\$433.54

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—3 story, attic and base, frame, \$30,000. Piedmont, Alameda Co, Cal. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Florence Miller. The dwelling will contain 14 to 16 rooms, several baths and sleeping porches. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. A garage will also be erected on the lot. Automatic water heater will be in-

stalled. Exterior of the house will be covered with cement plaster on metal lath. Roof will be of clay tile and shingles. Plans are complete and figures are now being taken.

LUNGALOW—1 1/2 story and base, frame, \$3,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. The dwelling will be erected on Mandana Boulevard, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath room will be finished in tile. An automatic water heater will be installed. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,500. Alameda, Alameda Co, Cal. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, W. D. Howe. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Living room will have a large open fire place with brick mantel. Bath room will be finished in cement plaster and tile. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,500. Berkeley, Alameda Co, Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The dwelling has been designed for a nine-room house with two baths and sleeping porch, and will be erected in Berkeley Square. Interior finish will be of pine and white enamel. There will be furnace heat and open fire places. Mantels will be of brick or tile. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile and cement plaster. An automatic water heater will be installed. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor.

LUNGALOW—1 1/2 story and base, frame, \$2,000. Oakland, Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The dwelling has been designed for a seven-room house, and will be erected at the corner of Clifton and Devon streets. There will be a large sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of tile or brick. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster. Plans are nearly complete and the work will be done by Day Labor.

LUNGALOW—1 story and base, frame, \$2,000. Albany, Alameda Co, Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 S. Shattuck Ave., Berkeley. The house will contain six rooms and bath. Interior finish will be of pine and hardwood. Hardwood

floors will be used in the living and dining rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

FLATS—Remodel and additions, 3 story, frame, \$8,000. Berkeley, Alameda Co., Cal. Architect, P. D. Voorces, Central Bank Bldg., Oakland. Owner's name withheld. The work will consist of remodeling the present building and adding one story. A store will occupy the first floor. Upper floors will be arranged for five flats. Interior finish will be of pine and redwood with some hardwood floors. New plumbing, plastering, electric work and trim will be used in the old portion of the building. Exterior will be covered with rustic. Mosaic and terrazzo will be used. Plans are complete and figures are being taken.

STORES—1 story and base, frame, \$5,000. Oakland, Cal. Architect, John Carson, Bacon Bldg., Oakland. Own-Cunningham and Chamberlain. The building will be erected at the corner of 29th and Webster streets, and will contain ten offices. Interior finish will be of pine throughout. There will be plate glass windows and patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

Censure Follows Award Of Contract.

Builders' Exchange of Alameda County Adopt Resolutions Censuring First Trust and Savings Bank.

Members Will Withdraw All Accounts

Charge Use of Unbusinesslike and Unfair Methods in Awarding Contract for Bank Building.

The award of contract for the construction of the First Trust and Savings Bank Building, in Oakland, to P. J. Walker on a percentage basis has brought forth a strong protest from members of the Builders' Exchange of Alameda County. The building is an eleven-story Class "A" structure which is to be erected at the corner of 16th street and San Pablo avenue, Oakland, at a cost of approximately \$300,000.

Resolutions have been adopted by the Builders' Exchange of Alameda County censuring the President and Board of Directors of the First Trust and Savings Bank for their unbusinesslike conduct and further asking that all members of the Builders' Exchange of Alameda County withdraw their accounts with that institution.

The following is a copy of a letter sent by the Builders' Exchange to the President and Board of Directors of the First Trust and Savings Bank and also a copy of the Resolutions adopted.

Oakland, Cal., July 30, 1913.
President and Directors of the First Trust & Savings Bank,
Oakland, Cal.

Gentlemen:—
The Directors of the Builders' Exchange of Alameda County, having carefully considered the matter, do

most earnestly protest against the manner in which you handled the letting of the contract for the erection of the building for the First Trust and Savings Bank at 16th street and San Pablo avenue.

We were informed by the officers of your Bank, as well as by Mr. Dutton, the Architect, that this contract was to go to the lowest responsible bidder and to that end our members figured conscientiously with a view to getting the work on the merits of the case and after taking up the time and money of nineteen General Contractors and innumerable sub-contractors and material men, you then used their confidential time, energy and efforts to arrive at a proper figure, and then you turned this contract over to the P. J. Walker Company on percentage.

We do not attach any blame to Mr. Dutton or his office, as we feel he was actuated by the best business principles when he informed us that he was taking competitive bids. Neither do we attach any blame to P. J. Walker Company for they are in business to get all the work they can, but we do censure your Officers and Board of Directors for the unbusinesslike way in which they have handled this matter. There are two classes of men whom the contractors, sub-contractors and material men have to deal with, who deserve contempt and censure of all honorable men and that is, they who take bids and they who take bids and afterwards use them in their estimates to do the work on percentage or days work, and your action puts the Officers and Directors of the First Trust and Savings Bank in this latter class. Yours, etc.,

BUILDERS' EXCHANGE OF ALAMEDA COUNTY.

By J. F. Dingwell, President.
By P. F. Bradloff, Secretary.

WHEREAS, it having been forcibly brought to the attention of the undersigned, as well as all other members of this Exchange, that the officers and directors of the First Trust and Savings Bank of Oakland, having called for and accepted bids from nineteen responsible General Contractors for the construction of the First Trust and Savings Bank Building to be erected at 16th street and San Pablo avenue, Oakland, then afterwards asked for and accepted bids from the five lowest bidders who were asked to re-figure the plans and then the said officers and directors gave the contract for the construction of said building to P. J. Walker Company on percentage, which was unfair, unbusinesslike and reprehensible.

NOW, THEREFORE, be it

RESOLVED by the Board of Directors of the Builders' Exchange of Alameda County, that said action of the officers and directors of the First Trust & Savings Bank be condemned and they be censured for their unbusinesslike conduct, and be it further

RESOLVED that all members of the Builders' Exchange of Alameda County be asked to withdraw their accounts from the said First Trust & Savings Bank and the First National Bank; and be it further

RESOLVED that a copy of these Resolutions be spread on the minutes of this meeting and a copy sent to each of the following members:
First Trust and Savings Bank,
Commercial Club,
Chamber of Commerce and

Merchants' Exchange
all of Oakland, and
Lulliers' Exchange,
Rose
General Contractors' Association,
L. B. Dutton, Architect,
all of San Francisco.

Building Contracts.

Oakland.

No.	Owner	Contractor	Am't.
2041	Hoffman	Morrison	1635
2042	Sane	Bacrus	19196
2043	Same	Doell	3509
2044	Same	Hillegar	3500
2045	1st rust & Segr.	Hartmon	2889
2046	Sheridan	Sheridan	2450
2047	Jonkeuel	Monroe	2000
2048	Sheridan	Sheridan	2100
2049	Hennings	Sprague	500
2050	Tragance	Tibbals	3000
2051	Iselin	Johnson	1500
2052	Heintz	Lehman	500
2053	Nygren	Nygren	1600
2054	Morrison	Grant	1662
2055	Wn Pacific	Layne	2100
2056	Wilkinson	Leister	500
2057	Pried	Allen	500
2058	Neuburg	Armstrong	1000
2059	Holloway	Holloway	800
2060	Cunningham	Chamberlain	500
2061	Hennings	Lehman	3610
2062	Maloney	Montague	500
2063	Peterson	Peterson	1700
2064	Powers	Powers	1000
2065	Perkins	Meek	1400
2066	Skaggs	Skaggs	1000
2067	Peppin	Peppin	1800
2068	Casovia	Casovia	1900
2069	Touretz	Lehman	500
2070	Merle	Fisher	4735
2071	McArthur	Owner	2500
2072	Sime	Sime	2500
2073	Jespersen	Davina	900
2074	Thurston	Plittner	1740
2075	Wilkes	Powell	1921
2076	Peck	Powell	150
2077	Fox	Fox	2000
2078	Boile	Boile	2500
2079	Same	Same	2000
2080	Pac Tel	Allen	400
2081	Stachler	Stachler	500
2082	Ehrenz	Martel	400
2083	French	Bullock	400
2084	Johanson	Johanson	400
2085	Rogers	Schwartz	2750
2086	Napcan	Napcan	5000
2087	Poyd	Boyd	3000
2088	Peterson	Peake	2125
2089	White	Lehre	500
2090	Pollet Bldrs	Owner	1000
2091	Wilkinson	Allen	400
2100	Cobb	Nattress	1500
2101	Wicks	Patricio	400
2102	Nelson	Nelson	400
2103	Pursey	Kibbey	150
2104	Serom'e	Serom'e	2000
2105	Parzel	Poecheleber	500
2106	Corbus	Corbus	2500

(2011) NW FIFTEENTH AND WASHINGTON N 69.58 W 53.34 S 39.92 E 41.88, Oakland. Galvanized iron work, etc., for six-story and basement Class "C" loft building.

Owner Chas. L. Hoffman and Chas. J. Heesman.

Architect O'Brien & Werner, 65 Post, San Francisco.

Contractor, Morrison & Co., 769 McAllister, San Francisco.

Filed July 7 '13. Dated June 20, '13.

Main contract work erected \$300

Complete and accepted 75

Until 35 days 410

TOTAL COST, \$1635

Paid \$820 Surety, Southwestern Surety Insurance Co. Limit, 70 days

Ret-elt, \$10. Plans and specifications filed.

(2012) BRICK WORK, ROUGH AND FINISH, terra cotta and flues, etc., rough and finish carpentry work, glass and glazing, roofing, etc., lat-plastering and plastering, stucco work, etc., on above.

Contractor, Wm. J. Bacrus 721 Franklin, Oakland.

Filed July 7 '13. Dated June 20, '13. On 1st and 15th of each month. 75%

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Edward R. Bacon is positively not connected with any other firm.

(2050) N. HARWOOD 86 E Cherry Ave., Oakland. Two-story 8-room dwelling.
Owner.....L. A. Traganese.
Architect...None.
Contractor...L. S. Tibbals.
COST, \$3000

(2051) NO. 929 160TH AVE 300 S Ingersoll, Oakland. Four-room dwelling.
Owner.....A. Dolin.
Architect...None.
Contractor...J. Johnson.
COST, \$1500

(2052) NO. 1219 BROADWAY, Oakland Alterations.
Owner.....G. W. Heintz, 1217 Broadway, Oakland.
Architect...None.
Contractor...A. H. Rose & Co, 545 17th, Oakland.
COST, \$500

(2053) E FAIRFAX 1000 N Ignacio, Oakland Five-room cottage.
Owner.....A. Nygren, 1508 19th Ave., Oakland.
Architect...None.
Day's work.
COST, \$1600

(2054) E EUCLID AVE 147.90 NE Van Buren Ave, Lot 2 Blk 1, Highland St. dvn of Adams Point Pty, Oakland Framing, carpenter work, mill work, lumber, glazing, plumbing, gas piping, tinning and galvanized iron, rough and finish hardware, "roll away" screens, metal weather strips, electric wiring, painting and tinting for alterations to two-story frame dwelling.
Owner.....Adele Hyde Morrison.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor...Charles N. Grant, 760 56th Oakland.

Filed July 7, '13. Dated June 27, '13. Enclosed, sides and roof on...\$415.50
Plumbing roughed in, floors laid and electric wires in..... 415.50
Completed and accepted..... 415.50
Usual 35 days..... 415.50
TOTAL COST, \$1662.00
Bond, \$850. Surety, The Title Guaranty & Surety Co. Limit, 40 days. Forfeit, \$2. Plans and specifications filed.

(2055) OAKLAND SHOP SITE PTY., Oakland. All work for sinking well.
Owner.....Western Pacific Railway Company.
Architect...None.
Contractor...Layne & Bowles, Cptn., Los Angeles.

Filed July 8, '13. Dated July 1, '13. Completed and accepted..... 75%
36 days after..... 25%
\$5.50 per ft. from top of ground to bottom of well; \$4.00 per ft. for Layne Screen over 20 ft. to each 100 ft.; \$1155 for pump and pit installed; \$2 for each foot of test hole if water no foundation first; \$100 allowed for board of men; \$3 an hour for boring through rocks and boulders.
Bond, \$2500. Surety, Aetna Accident & Liability Co. Limit, none. Plans and specifications, none.

(2058) W VILLA VISTA 200 S Elwood Ave., Oakland. One-story 5-room dwelling.
Owner.....George E. Wilkinson, 809 Alleen, Oakland.
Architect...None.

Usual 35 days..... 25%
TOTAL COST, \$19,136
Bond, \$9600. Surety, Southwestern Surety Insurance Co. Limit, 85 days. Forfeit, \$20. Plans and specifications filed.

(2056) PLUMBING, GAS FITTING, fixtures, etc., heating radiators, etc., on above.

Contractor, Carl Doell, 467 22nd, Okd. Filed July 7 '13. Dated June 20, '13. Roughed in\$1200
Completed and accepted..... 1409
Usual 35 days..... 900
TOTAL COST, \$3509

Bond, \$1754.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(2041) ELEVATOR CARS AND ENCLOSURE, store fronts, side walk doors, fire escapes and other ornamental iron work on above.

Contractor, Inducar-Merle Co, Bay & Stockton, San Francisco. Filed July 7, '13. Dated June 20, '13. Ornamental iron of store fronts in place\$1000
Completed and accepted..... 1625
Usual 35 days..... 875
TOTAL COST, \$3500

Bond, \$1750. Surety, Illinois Surety Co. Limit, 70 days. Forfeit, \$10. Plans and specifications filed.

(2045) SE SIXTEENTH AND SAN Pablo Ave 67-5½x90-3%, Oakland. Excavation work, bulkheading, shoring, pumping, draining and back filling for foundation for 11-story Class "A" bank and office building.

Owner.....First Trust & Svcs Bank, Oakland, by P. J. Walker Co., Agents.

Architect...L. B. Dutton Co., Chronicle Bldg., San Francisco.

Contractor...R. W. Bartram.

Filed July 3, '13. Dated July 3, '13. Weekly payments of..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2889.50
Surety, Massachusetts Bonding & Insurance Co. Limit, 25 days. Forfeit, \$100. Plans and specifications filed.

(2046) W SIXTY-FOURTH AVE Cor. Noble, Oakland. Six-room dwlg.

Owner.....K. M. Sheridan, 1020 Broadway, Oakland.

Architect...None.
Day's work.
COST, \$2450

(2047) W DIVISION 295 S Hampel, Oakland. Five-room dwelling.

Owner.....W. Jougeneel, 51th and Dover, Oakland.

Architect...None.
Contractor...J. W. Monroe.

COST, \$2000

(2048) W SIXTY-FOURTH AVE 300 N Noble, Oakland. Five-room dwlg.

Owner.....K. M. Sheridan, 1020 Broadway, Oakland.

Architect...None.
Day's work.
COST, \$2100

(2049) W MONTECITO AVE opp Lake View Terrace, Oakland. Garage.

Owner.....F. Hennings.

Architect...None.
Contractor...J. B. Sprague.
COST, \$500

Contractor, E. T. Leiter & Sons, 303
Sheldon Bldg., S. F.
COST, \$2400

(2059) NO. 365 FIFTY-NINTH, Oak-
land. Addition.
Owner, J. A. Bried, Premises.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
COST, \$500

(2060) NO. 1824 FIFTY-SEVENTH
Ave., Oakland. One-story 4-room
dwelling.
Owner, E. S. Newburg, Premises.
Architect, Thos. R. Armstrong, 1824
57th Ave., Oakland.
COST, \$1000

(2061) W FORTY-FIFTH AVE 200 N
Melrose Ave., Oakland. One-story 3-
room dwelling.
Owner, G. K. Holloway, 2115 45th
Ave., Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$800

(2062) NW TWENTY-NINTH AND
Webster, Oakland. One-story 10-room
office building.
Owner, Cunningham & Chamber-
lain, Union Savings Bank
Bldg., Oakland.
Architect, John Carson, Bacon Bldg.,
Oakland.
Day's work. COST, \$5000

(2065) SE EUCLID AVE AND ADAMS
Oakland. One and one-half-story 8-
room dwelling.
Owner, Miss M. E. Hennings, 3534
Market, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, J. Lehman, 959 Apgar,
Oakland.
COST, \$3610

(2066) NO. 2702 PERALTA AVE., Oak-
land. Alterations.
Owner, Jas. Maloney, Peralta Ave
and Davis, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, F. P. Montague, 2911 E-
16th, Oakland.
COST, \$500

(2067) S E-NINETEENTH 100 E 23rd
Ave., Oakland. One and one-half-
story 6-room dwelling.
Owner, Louis Peterson, 2347 E-
19th, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$1700

(2068) N SIXTY-SEVENTH 150 E San
Pablo Ave., Oakland. One-story 4-
room dwelling.
Owner, Mrs. M. Powers.
Architect, John Laaman, 1032 Car-
lton, Berkeley.
COST, \$1000

(2069) NO. 187 TENTH, Oakland.
Alterations.
Owner, Perkins & Stiles, Prem.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, T. H. Meek Co., 1137 Mis-
sion, San Francisco.
COST, \$1410

(2071) S "D" 60 E 87th Ave., Oakland.
One-story 4-room dwelling.
Owner, C. R. Skaggs, 110b Ave. 1
Block S E-11th, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$1000

(2072) E 103RD AVE 100 N Biggarean
Ave., Oakland. Two-story 5-room
dwelling.
Owner, J. B. Peppin Jr., San Le-
andro, Cal.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$1800

(2073) E SIXTY-SECOND AVE 100 S
Boulevard, Oakland. One-story five-
room dwelling.
Owner, Pete Casovia, 7th & Henry
Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$1900

(2074) NO. 2930 SCHOOL, Oakland.
Repairs.
Owner, L. Lauretz, Premises.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$100

(2076) LOTS 98 AND 99 Map Dutton
Manor Addition, San Leandro. All
work for one-story and basement
dwelling.

Owner, A. Merle, 2163 Alameda
Ave., Alameda.
Architect, W. W. Dixon, 1814 5th Ave
Oakland.
Contractor, Bert Fisher and Frank
Roberts, 2042 Brook, Okd.
Filed July 10, '13. Dated July 9, '13.
Roof rafters in place. \$1183.00
1st coat interior and exterior
plaster on. 1183.00
Completed and accepted. 1183.00
Usual 35 days. 1186.65
TOTAL COST, \$1735.65

Fond, \$2400. Sureties, Fred Schmidt &
J. J. Polley. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2077) INCINERATOR PPTY. NR 2ND
and Harrison, Berkeley. Concrete
work, structural and reinforcing
steel, mill work plastering, plumb-
ing, roofing, glazing, hardware, paint-
ing etc., for one-story concrete and
steel incinerator.

Owner, Chas. C. Moore 10 First,
San Francisco.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, Bert T. Owsley, 311 Sharon
Bldg., San Francisco.
Filed July 10, '13. Dated June 11, '13.
10th of each month. 75%
30 days after. 2
TOTAL COST, \$1921

Fond, \$1000. Surety, Massachusetts
Fidelity & Guaranty Co. Limit, 70
days. Forfeit, none. Plans and spec-
ifications filed.

(2078) N FIFTIETH 108 E Shafter
Ave., Oakland. One-story 5-room dwlg.
Owner, Margaret McArthur, 392
51st, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, Chas. McArthur, 392 51st,
Oakland.
COST, \$2500

(2079) N FIFTIETH 112 E Shafter
Ave., Oakland. One-story 5-room
dwelling.
Owner, Margaret McArthur, 392
51st, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, Chas. McArthur, 392 51st,
Oakland.
COST, \$2500

(2080) W JAMES AVE 404 N Clifton,
Oakland. One-story 5-room dwlg.
Owner, J. J. Peterson & Dippo, 878
54th, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$2000

(2081) N E-FOURTEENTH 50 E 35th
Ave., Oakland. One-story 3-room
dwelling.

Owner, Mr. H. Thurston, 1589 36th
Ave., Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, S. J. Davina, 907 40th Ave.
Oakland.
COST, \$900

(2083) N E-THIRTY-SEVENTH 15 E
Arley being Lot 41 Wilmarth Park
Tract, Oakland. All work for one-
story dwelling.

Owner, Nellie Wilkes, 2980 23rd
Ave., Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, Jos. Filtnier, 1700 35th
Ave., Oakland.
Filed July 12, '13. Dated July 12, '13.
Frame up. \$135
Enclosed and 1st coat plaster
completed. 435
Completed and accepted. 435
Usual 35 days. 435
TOTAL COST, \$1005

Fond, none. Limit, 60 days after July
15. Forfeit, \$1. Plans and specifi-
cations filed.

(2084) PTN PLOT 21 Kellersberger's
Map of Ranchos V & D Peralta, Oak-
land. Excavating, concrete work, ce-
ment floors, steps, tile drain for two-
story and basement dwelling.

Owner, Edward Beck, Oakland.
Architect, Cunningham & Pollen, 1st
National Bank Bldg., S. F.
Contractor, Powell Bros. Constr. Co.,
Harrison Ave and Fruit-
vale Bridge, Alameda.
Filed July 11, '13. Dated July 7, '13.
1st and 15th of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$1921

Fond, \$960.50. Surety, United States
Fidelity & Guaranty Co. Limit, 35 days.
Forfeit, \$5. Plans and specifications
filed.

(2085) SE REDWOOD ROAD AND
Wisconsin, Oakland. One and one-
half-story six-room dwelling.
Owner, William J. Fox, 1641 25th
Ave., Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$1500

(2086) N HAIPIER COURT 100 W 35th
Ave., Oakland. One-story 6-room
dwelling.

Owner, M. C. Bolts, 3116 Central
Ave., Alameda.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$2000

(2087) S FOURTH 114 100 E 51st
Ave., Oakland. One-story six-room
dwelling.

Owner, M. C. Bolts, 3116 Central
Ave., Alameda.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$2500

(2088) NO. 1741 FRANKLIN, Oakland
Alterations.
Owner, Pacific Telephone Co., 1741
Franklin, Oakland.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Contractor, E. E. Allen, 468 31th, Okd.
COST, \$100

(2089) NO. 131 PERALTA, Oakland.
Oakland. Alterations.
Owner, E. E. Stachler, Premises.
Architect, J. A. Allen, 3026 Hille-gass
Ave., Berkeley.
Day's work. COST, \$500

(2090) NO. 518 FORTY-SEVENTH, Oakland. Alterations.
Owner.....L. Pirezi, 820 17th, Okd.
Architect...None.
Contractor...Gen. Martel, 557 45th, Okd.
COST, \$500

(2091) NO. 305 BAY PLACE, Oakland. Addition.
Owner.....F. W. French, Premises.
Architect...None.
Contractor...O. B. Bullock, 1952 Broadway, Oakland.
COST, \$400

(2092) NO. 3557 VALE AVE., Oakland. Addition.
Owner.....J. Gus Johanson, Premises.
Architect...None.
Day's work. COST, \$400

(2093) NE E-TWENTY-THIRD AND 19th Ave., Oakland. Two-story 7-room dwelling.
Owner.....M. V. Rogers, 2002 E-22nd, Oakland.
Architect...None.
Contractor...Schwartz Bros. & Son, Hayward.
COST, \$2750

(2094) NW NINETEENTH & FRANKLIN, Oakland. Alterations.
Owner.....Walter Morgan, 296 Lee, Oakland.
Architect...None.
Contractor...G. A. Scott, 685 23rd, Okd.
COST, \$2500

(2095) W THIRTEENTH AVE 500 N Hampel, Oakland. Two-story seven-room dwelling.
Owner.....W. E. Boyd, 4151 Randolph Ave., Oakland.
Architect...None.
Day's work. COST, \$3000

(2096) NW PARK AND WARDER, Oakland. One-story 4-room dwelling and store.
Owner.....Mrs. N. Peterson, 2127 University Ave., Berkeley.
Architect...None.
Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
COST, \$2125

(2097) NO. 2021 ELEVENTH AVE., Oakland. Alterations.
Owner.....Mrs. H. White, Premises.
Architect...None.
Contractor...F. A. Lehre, 3023 High, Oakland.
COST, \$500

(2098) N E-FIFTEENTH 75 E 41st Ave., Oakland. One-story four-room dwelling.
Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1200

(2099) NO. 801 LERIDA AVE., Oakland. Addition.
Owner.....Mrs. Wilkinson, Premises.
Architect...None.
Contractor...J. Vaughn, 1121 Hampel, Oakland.
COST, \$100

(2100) W THIRTY-EIGHTH AVE 300 S Santa Rita, Oakland. One-story 5-room dwelling.
Owner.....Genevieve C. Cobb, 760 14th, Oakland.
Architect...None.
Contractor...Nattress & Hendshaw.
COST, \$1500

(2101) NO. 1310 EIGHTIETH AVE., Oakland. Addition.
Owner.....Joe Marks.
Architect...None.
Contractor...John Patrien.
COST, \$100

(2102) NO. 318 FIFTY-FIRST, Oakland. Addition.
Owner.....Edmund Nelson, Premises.
Architect...None.
Contractor...Oscar E. Nelson, 525 66th, Oakland.
COST, \$100

(2103) NO. 2018 EIGHTY-THIRD AVE., Oakland. Addition.
Owner.....R. J. Burrows, Premises.
Architect...None.
Contractor...Wm. Kilbey, 1142 75th Ave., Oakland.
COST, \$400

(2104) S GLENDALE AVE 25 E Manila, Oakland. One-story 5-room dwelling.
Owner.....A. H. Secombe, 5756 Herman, Oakland.
Architect...None.
Day's work. COST, \$2000

(2105) NO. 1227 THIRTY-THIRD AVE., Oakland. Alterations.
Owner.....J. Parget, — Bassett, Okd.
Architect...None.
Contractor...J. Boedelcher, 1814 34th Ave., Oakland.
COST, \$500

(2106) S WESLEY AVE 100 W Newton, Oakland. One-story 5-room dwelling.
Owner.....A. W. Corbus, 1542 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
2054	Down	Buskirk	5500
2057	Cornwall	Owner	500
2063	Wilson	Coffey	3000
2064	Stevens	Patton	10000
2070	Russman	Russman	500
2075	Cory	Livingston	8350
2077	Moore	Cowsey	7921

(2056) PTN LOTS 1 AND 2 BLK 9, Claremont Park, Berkeley. All work for two-story dwelling.
Owner.....S. G. Down, Pacific Bldg., San Francisco.
Architect...None.
Contractor...J. W. Buskirk, 2432 Hildgard Ave., Berkeley.
Filed July 8, '13. Dated July 7, '13. Between 1st and 10th of each month 75%
Usual 35 days completed and accepted and notice filed 25%
TOTAL COST, \$5500
Bond, none. Limit, 100 days. Forfeit, Cancel contract. Plans and specifications filed.

(2057) NE ADDISON & SHATTUCK AVE., Berkeley. Alterations.
Owner.....Bruce Cornwall, 1600 Euclid Ave., Berkeley.
Architect...None.
Day's work. COST, \$500

(2063) NE OXFORD AND EUNICE, Berkeley. Two-story 7-room dwlg.
Owner.....Oliver V. Wilson, 1178 Oxford, Berkeley.
Architect...None.
Contractor...W. Coffey.
COST, \$3000

(2061) DAWGHT WAY 150 E Edgeworth, Berkeley. Repair three-story 137-room apartment house.
Owner.....Mary W. Stevens, 2314 Haste, Berkeley.
Architect...None.
Contractor...Gen. W. Patton, 2126 Emerson, Berkeley.
COST, \$10,000

(2070) S BERKELEY WAY 116.5 W Sacramento, Berkeley. Alterations.
Owner.....Cathrine Russman, Santa Rosa, Cal.
Architect...None.
Day's work. COST, \$500

(2075) W WARING 118 N Dwight Way, Berkeley. Two-story 10-room dwelling.
Owner.....C. L. Cory, 2227 College Ave., Berkeley.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor...W. Livingston, 2918 Ellis, Berkeley.
COST, \$8950

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Am't.
2082	Rowe	Rowe	1000

(2082) NO. 2233 SAN ANTONIA AVE., Alameda. Add to dwelling.
Owner.....M. F. Rowe, Premises.
Architect...None.
Day's work. COST, \$1000

Completion Notices.

ALAMEDA COUNTY.

RECORDED	ACCEPTED
July 2, 1913—LOT 29 BLK "A" Map Bay Park Tract, Ala. V H and Laura Strang to V H Strang.....	July 1, 1913
July 2, 1913—LOT 19 BLK 27 Fairmount Park, Albany. Thomas P McCullough (by John V) to whom it may concern.....	June 23, 1913
July 2, 1913—LOT 14 and 8 5 Lot 13 Blk "A" Map Bay Park Tract, Ala. V H & Laura Strang to V H Strang.....	July 1, 1913
July 2, 1913—LOT 47 BLK 6 Berkeley Heights, Bkly. David I. Levy to John Laamanen.....	July 2, 1913
July 3, 1913—LOT 7 Buena Vista Tract, Bkly. C T Jones to Belvel & Jones.....	June 25, 1913
July 3, 1913—SW TWENTY-SIXTH and Broadway 122-4 on Broadway by 119-9 on 26th, Okd. Hugo Abrahamson to J W Eber June 24, '13	July 3, 1913
July 3, 1913—LOT 17 BLK 4 Kellogg Tract, Bkly. The F K Peake Co to whom it may concern.....	July 2, 1913
July 3, 1913—LOT 104 Cherryland, Eden Tp. Robert I Peck to Joseph H Gossett.....	June 24, 1913
July 7, 1913—LOT 9 BLK "D" Fruitvale Boulevard Tract, Brooklyn Tp. Geo K Holloway, Sr to whom it may concern.....	July 1, 1913
July 7, 1913—N LAKE 540 E Jackson E 60XN 150, Okd. H O Nordmark to S J Bertelsen and J C Nielsen.....	July 7, 1913
July 7, 1913—PTN LOTS 9 AND 10 Blk "C" Northbrae Business Ppty Bkly. F R Peake Co to whom it may concern.....	July 3, 1913
July 8, 1913—SE ADDISON AND Bonar S 175X16 100, Bkly. American Photo Player Co to General	

Eng Co. June 21, 1913
 July 8, 1913—LOT 2 BLK "L" East
 Piedmont Heights, Okd. Laura M
 and Helen L Bronson to C A Doss
 June 28, 1913
 July 8, 1913—W SAN PABLO AVE
 125 N Addison 42 ft. frontage,
 Bkly. Henry F Peterson to E J
 Aalto. July 1, 1913
 July 8, 1913—LOTS 33, 34, 3 and E
 ½ Lot 2 Blk "A" Bryant Tract,
 Bkly. American Photo Player Co
 to whom it may concern Completed—
 July 8, 1913—PTN LOTS 8 AND 9
 Blk "C" Northbrae Business Ppty
 Bkly. F R Peake Co to whom it
 may concern. July 3 1913
 July 9, 1913—S BAY VIEW AVE
 149.07 W Bay View Terrace NE 45
 SE 77 SW 45 NW 82, Oakland.
 Leonard Asumaa to whom it may
 concern. July 3, 1913
 July 9, 1913—PTN LOTS 80 AND 81
 Map Pleasant Valley Court, Okd.
 The Realty Syndicate to Howard S
 Pratt. June 25, 1913
 July 10, 1913 (1) PTN PLOT "J" Map
 Rancho Las Positas; (2) N County
 Road 1515 — 12.492 chains E from
 SW Cor. Plot "J" Rancho Las
 Positas N 40.30 ch E 16 ft.; (3) SE
 Cor. land described in Deed from
 Ulrich Meyer to Christian Koenig
 recorded in Liber. 263 of Deeds,
 Page 249; W 271 N 1536 NE 307 S
 1676 and undivided ¼ interest in
 right of way 20½ feet wide E line
 which begins at SE Cor. sbdv'n 1
 Plot "J" Rancho Las Positas and
 extends N 40.30 ch; (4) S line land
 (same as 3) 4.11 ch W from SE Cor
 said lands W 6.90 ch N 19.63 ch NE
 7.79 ch S 23.25 ch. Coast Mfg &
 Supply Co to C A Bruce. July 8, 1913
 July 10, 1913—LOT 33 BLK "G" Foot-
 hill Park, Okd. H L Wood to H L
 Wood. July 9, 1913
 July 10, 1913—LOT 27 and N ½ Lot
 28 Blk 6 Havenscourt, Okd. H L
 Wood to H L Wood. July 9, 1913
 July 10, 1913—LOT 7 BLK "A" East
 Piedmont Heights, Okd. H L Wood
 to H L Wood. July 9, 1913
 July 10, 1913—LOT 6 BLK 18 Melrose
 Heights, Okd. J Baltor to C M
 Dean. June 21, 1913

LIENS FILED.

ALAMEDA COUNTY.

July 3, 1913—LOT 22 BLK 13 Boul-
 vard Park. J W Walsh and H Har-
 mon vs Sadie Wilcox. \$87
 July 3, 1913—LOT 30 BLK "D" Toler
 Heights, Brooklyn Tp. John R
 Hodge et al vs J H Plattner et al
 \$125
 July 3, 1913—N 32 FT. front tapering
 in a straight line to N 26 ft. in rear
 Lot 23 Blk 3 Fitchburg Hd, Lots
 being 100 feet in depth, known as
 No. 1227 75th Ave., Okd. M D
 Horner vs Claude Scheek. \$91.22
 July 3, 1913—E 50½ FT. LOT 31 BLK
 16 Boulevard Park Tct, Okd. M D
 Horner vs Claude Scheek. \$100.07
 July 2, 1913—E 40 LOT 25 and W
 10 Lot 26 Blk "D" Map James Tct,
 Bkly. H D Samuel Co vs Jacob M
 and Christine Brand and W F
 Montgomery. \$25
 July 8, 1913—LOT 30 BLK "D" Map
 Toler Heights, Oakland. Rhodes-
 Jamleson & Co vs J H Plattner.
 \$43.65
 July 8, 1913—LOT 35 BLK "C" Map
 Toler Heights, Oakland. Rhodes-
 Jamleson & Co vs J H Plattner.

..... \$178.80
 July 8, 1913—S E-THIRTY-FIRST
 300 E 14th Ave E 37.5xS 200, Okd.
 Ferdinand Franceschinel vs Geo H
 S Haly. \$57
 July 8, 1913—LOT 22 BLK 13 Map
 Boulevard Park, Okd. Joseph G
 Allmon vs S Wilcox and T L Web-
 ster. \$100
 July 9, 1913—W 36 FEET LOT 7
 Blk 4 Map McKee Tract in plot 36
 V and D Peralta Rancho, Okd.
 Redwood Mfg Co vs Peter Ander-
 son and Howard Williford. \$215.29
 July 9, 1913—SE THIRTY-EIGHTH
 Ave 325 SE Santa Rita Ave Lot 22
 Blk 13 Map Boulevard Park, Okd.
 De Fremery-Cadman Materials Co,
 \$31.25; De Fremery-Cadman Materi-
 als Co, \$22.20; Same, \$10; H N
 Cunnning and G W Selby, \$50.55 vs
 Mrs Sadie Wilcox, Ross Williams,
 Geo Walker and T L Webster.
 July 10, 1913—SBDVN 8 LOT 28 Map
 No. 3 Glen Echo Tract, Piedmont.
 Charles Friebeg vs F W Butler and
 Geo H S Haly. \$75.75
 July 10, 1913—LOT 22 BLK "E" Ken-
 wood Tct Aueon Ave 165 N Holly,
 Okd. E L Blackman Co vs J W
 Jones and W H Little. \$53.75
 July 10, 1913—EIGHTY-SEVENTH
 Ave 42 S Holly, Lot 12 Blk "A"
 Kenwood, Okd. E L Blackman Co
 vs W M Morris and W H Little. \$71.70

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE — 1 story and base,
 frame, \$10,000. Saratoga, Santa Clara
 Co., Cal. Architect, C. W. Dickey,
 Central Bank Bldg., Oakland. Owner,
 Benj. Bazata. This dwelling has been
 designed for a country home and will
 contain eight rooms, baths and sleep-
 ing porch. Interior will be finished in
 pine and hardwoods. Hardwood floors
 will be used in the principal rooms.
 There will be furnace heat and open
 fire places. Mantels will be of brick
 or tile. Tile will be used in the bath
 room and kitchen. An automatic
 water heater will be installed. Exterior
 of the dwelling will be covered
 with cement plaster on metal lath.
 Plans are being prepared.

Building Contracts.

SANTA CLARA COUNTY.

N COE AVE, 3rd Lot E Bird Ave., San
 Jose. Six-room cottage.
 Owner. L. G. Hyde, Cor. Bird and
 Fuller Aves, San Jose.
 Architect. F. D. Wolfe, 1st Natlnoal
 Bank Bldg., San Jose.
 Contractor. R. C. Hurshback, 320 W.
 St. James, San Jose.
 COST, \$2600
 NO. 41 S-NINTH, San Jose. Sleeping
 porch.
 Owner. A. E. Halmes, Premises.
 Architect. None.
 Day's work. COST, \$500
 W FIFTH, Bet. Restor and Keyes, San
 Jose. Two-story addition to pottery.
 Owner. Pacific Coast Pottery and
 Terra Cotta Co., S 4th near
 Keyes, San Jose.
 Architect. None.
 Day's work. COST, \$600
 ON THE ALAMEDA bet Brown Ave and
 Lenzen Ave, San Jose. All work for

reinforced concrete grammar school.
 Owner. Lester School District.
 Architect. N. P. Marsh, Broadway
 Central Bldg., Los Angeles.
 Contractor. Robinson & Place, Okd.
 Filed June 19, '13. Dated June 10, '13.
 On 1st of each month. 75%
 Usual 35 days. 25%
 TOTAL COST, \$61,750
 Bond, none. Limit, 225 days. Forfeit,
 \$5. Plans and specifications filed.

IN PALM HAVEN TRACT, San Jose.
 All work for one and one-half-story
 frame plastered residence.
 Owner. George Andrews, 606 S-
 Sixth, San Jose.
 Architect. F. D. Wolfe, 1st National
 Bank Bldg., San Jose.
 Contractor. C. A. Thomas, San Jose.
 Filed June 30, '13. Dated June 27, '13.
 Rafters on. \$462.15
 1st coat plaster on. 462.15
 Building completed. 462.15
 Usual 35 days. 462.15
 TOTAL COST, \$1848.60
 Bond, \$924.30. Sureties, J. A. Chase and
 H. E. Thomas Limit, 70 days. Forfeit,
 none. Plans and specifications filed.

W N-THIRTEENTH, bet St. James and
 Julian, San Jose. All work for five-
 room bungalow.
 Owner. L. C. Anderson, San Jose.
 Designer. Carl W. Koenig, San Jose.
 Contractor. Wm. H. Norman, San Jose.
 Filed June 28, '13. Dated June 25, '13.
 Rafters on. \$778.50
 Brown plaster on. 778.50
 Building accepted. 778.50
 Usual 35 days. 778.50
 TOTAL COST, \$3094.00
 Bond, none. Limit, 80 days. Forfeit,
 none. Plans and specifications filed.

N-EIGHTH, bet. Julian and St. John,
 San Jose. All work for two-story
 frame fire house.
 Owner. City of San Jose.
 Architect. L. T. Lenzen, 110 S-2nd St.,
 San Jose.
 Contractor. T. J. Scherbeck, San Jose
 Filed July 3, '13. Dated July 1, '13.
 Frame up. \$843.75
 1st coat plaster on. 843.75
 When completed. 843.75
 Usual 35 days. 843.75
 TOTAL COST, \$3375.00
 Bond, one-half amount of contract.
 Sureties, Otto and Anna Schnabel.
 Limit, 120 days. Forfeit, none. Plans
 and specifications filed.

Completion Notices.

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
July 1, 1913—LOT 19 Washington Sub San Jose. E Krausch to R E Carter July 1, 1913	July 1, 1913—N ASHLEY, bet Miller and San Pedro, San Jose. T H Awnit to C C Lewis. June 2, 1913

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED	AMOUNT
July 2, 1913—NEAR COR. VILLA & Castro, Mountain View, Cal. Hub- bard-Carmichael Bros vs G W Odell et al. \$557	

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

Building Contracts.

MARIN COUNTY.

PTN LOT 158 MAP 2 Bush Tract, San Anselmo. All work for one-story frame cottage.

Owner.....Geo. Duffield.

Architect...None.

Contractor...Frank Flaherty.

Filed June 16, '13. Dated June 14, '13.

Rough frame up.....\$467

Beaver boards up.....467

Completed and accepted.....468

Usual 35 days.....468

TOTAL COST, \$1870

Bond Guaranty bond in favor of owner. Surety, John Flaherty. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

SAN ANSELMO. All work for additions and alterations to two-story frame building.

Owner.....Presbyterian Orphanage & Farm, Inc., San Anselmo.

Architect...Thos. O'Connor.

Contractor...T. J. Mosely, San Rafael.

Filed June 16, '13. Dated June 14, '13.

Additions enclosed, rough plumbing and chimney built.....\$1114.75

Plastered and sun porch completed.....1114.75

Completed and accepted.....1114.75

Usual 35 days.....1114.75

TOTAL COST, \$4459.00

Bond, \$1114.75. Sureties, C. Edwards and N. L. Hoffman. Limit, 50 days.

Forfeit, \$15. Plans and specifications filed.

LOT 12 KARLSRUHE PARK, San Anselmo. All work for frame dwelling.

Owner.....Frederick Croker, San Anselmo.

Architect...Henry L. Wilson, Los Angeles.

Contractor...William Yoe, Kentfield.

Filed July 2, '13. Dated July 2, '13.

Frame up.....\$350

Plastered.....350

Usual 35 days.....350

TOTAL COST, \$1390

Bond, none. Limit, 40 days. Forfeit, none. Plans only filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED

June 16, 1913—PTN LOT 10 BLK 9

Map Tanapals Land & Water Co

Map No. 5, Mill Valley. F. C. Her-

rick to P. Johnson.....June 16, 1913

June 16, 1913—SAN ANSELMO. Whe-

lan Estate to Nickerson & Holmes

.....June 7, 1913

June 16, 1913—LOT 5 BLK 6 Sequoia

Park Tract, San Anselmo. G. Far-

rell to Watson Bros.....June 16, 1913

June 17, 1913—MILL VALLEY. W. W.

Deer to P. Johnson.....June 17, 1913

June 21, 1913—ALTO STATION (The

Alto Ranch). Harry H. and Alice

N. Wilkins to whom it may con-

cern.....June 16, 1913

July 3, 1913—CARRINGAN TRACT,

San Anselmo. Mrs. Anna Hollin to

W. Jackson.....July 3, 1913

Building Contracts.

CONTRA COSTA COUNTY.

DESCRIBED LOT IN WALNUT CREEK Lots 8 and 9. All wood, concrete and plaster work for bank building.

Owner.....A. N. Cope, Walnut Creek.

Architect...G. A. Applegarth, 1800

C. Spreckels Bldg., S. F.

Contractor...Bradley & O'Reilly.

Filed July 5, '13. Dated June 28, '13.

Payments not given.....

TOTAL COST, \$3100

Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED

July 7, 1913—LOT 17 BLK 35, City of

Richmond. Ray W. and W. S. Farley

to Charles Pedersen and Carl

Oversia.....July 1, 1913

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT

July 7, 1913—LOT 1 BLK 1, Kensington

Park. Strable Mfg Co vs North

and Land Co, Dodge Ver-Mehr Co.

J. C. Henderson and Geo. L. Spaulding

.....\$70.81

July 7, 1913—LOT 1 BLK 1, Kensington

Park. Into Nylander, \$72; Paul

Gustafson, \$112.50; vs North End

Land Co, Dodge Ver-Mehr Co, J. C.

Henderson and Otto Mailannen....

July 7, 1913—LOT 1 BLK 1, Kensington

Park. George L. Spaulding vs

J. C. Henderson, North End Land Co

and Dodge Ver-Mehr Co.....\$139

July 7, 1913—LOT 1 BLK 1, Kensington

Park. John P. Maxwell and

Maxwell Hardware Co vs North

End Land Co, Dodge Ver-Mehr Co

and J. C. Henderson.....\$78.80

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base,

frame. Cost not stated. Fresno, Fresno

Co., Cal. Architects, Swartz, Hotch-

kin & Swartz, Rowell Bldg., Fresno.

Owner, George V. Martin. The dwelling

will be erected at the corner of

Tulare and T streets, and has been de-

signed for a ten-room house with two

baths. Interior will be finished in

pine and hardwoods. Hardwood floors

will be used in the principal rooms.

There will be a central heating system

and open fire places. Mantels will be

of brick and tile. Bath rooms will be

finished in tile. An automatic water

heater will be installed. Exterior of

the dwelling will be covered with ce-

ment plaster on metal lath. Plans are

being prepared.

RESIDENCE—2 story and base,

frame. Cost not stated. Fresno, Fresno

Co., Cal. Architect, Eugene Mathew-

son, Forsyth Bldg., Fresno. Owner,

Edward Baldwin. The dwelling will

be erected on property just outside the

city limits, and has been designed to

contain eight rooms, sleeping porch

and bath. Interior finish will be of

pine and redwood. Hardwood floors

will be used in the principal rooms.

There will be open fire places and

brick or tile mantels. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete.

Contracts Awarded.

SCHOOL—1 story and base, brick, \$10,350. Hanford, Kings Co., Cal. Architect's name not given. Owners, Hanford School District. Contractors, Trewitt & Shields, Fresno. Contract price, \$10,350.

SCHOOL—1 story, frame, \$5,000. Bakersfield, Kern Co., Cal. Architect, none. Owners, City of Bakersfield. Contractor, F. L. Cummings, Bakersfield. Contract price, \$4,800.

SCHOOL—2 story and base, brick, \$37,000. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Bakersfield. Owners, City of Bakersfield. Contractors, F. J. Amweg Co., 244 Kearny St., S. F. Contract price, \$36,550.

THEATRE—3 story and base, brick and steel, \$90,000. Fresno, Fresno Co., Cal. Architects, Thayer & Parker, Forsyth Bldg., Fresno and 244 Kearny St., S. F. Owner, J. B. Whittemore. Contractors, Brinkmeyer & Glahn, Fresno. Contract price, \$90,000.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HOTEL AND STORES—4 story and base, reinforced concrete, \$100,000. Susanville, Lassen Co., Cal. Architect, none. Owner, B. A. Carpenter, Susanville. The completion of the new railroad through Susanville has caused a demand for better hotel facilities. The new building will be erected on a corner site and will cover an area of 120x120 feet. There will be a number of stores besides the hotel office, lobby and dining room on the first floor. Upper floors will contain in the neighborhood of 120 guest rooms and baths. Interior finish will be of pine and redwood. Tile will be used in the bath rooms. There will be steam heat and elevator service. Metal window sash and frames will be used. Exterior of the hotel will be faced with cement plaster. Plans will shortly be completed.

CLUB HOUSE—2 story and base, reinforced concrete, \$12,000. Auburn, Placer Co., Cal. Architect, Frank S. Holland, 100 Haight St., S. F. Owners, Tahoe Club. The building will be erected on one of the principal corners of the Town of Auburn, and will cover an area of 31x100 feet. There will be stores on the first floor and club rooms above. Interior of the second floor will be finished in pine and hardwoods. There will be a hot water heating system. Hardwood floors will be used. Exterior of the building will be faced with cement plaster. Stores will have large display windows in patent store fronts. Plans are nearly complete and figures will be taken within a few days.

RESIDENCE—1½ story and base, frame, \$4,500. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, C. C. Case. The house will be erected on Acadia street near Harrison, and has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and den. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in

the bath room and kitchen. Exterior of the dwelling will be covered with rustic. Plans are now being prepared and figures will be called shortly.

HOTEL—2 story and base, brick, \$10,000. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, Simon Jacobs & Co. The present brick building at the corner of San Joaquin and Church streets will be entirely remodeled. There will be stores on the first floor and upper floor will be subdivided into hotel rooms. Work will require new plastering, painting, plumbing and electric work. A hot water system will be installed. Exterior of the building will be faced with cement plaster. A new steam heating system will also be installed. Plans are being prepared.

PACKING PLANT—1 and 2 story, reinforced concrete, \$250,000. Sacramento, Cal. Architects, Seadler & Hoen, Sacramento. Owners, Swanton & Son, Sacramento. The owners have just announced their intention of building a large plant on the north bank of the American River north of Sacramento. The present plant, together with the barns and corrals will be removed and the site subdivided for city lots. Details of the construction have not been announced. Mr. Swanton has returned from a trip to Chicago where arrangements for special machinery were completed. Further mention of the work will be made in these columns at an early date.

FIRE HOUSE—1 story, brick and frame, \$7,000. Sacramento, Cal. Architect's name not given. Owners, City of Sacramento. Bids for the construction of the Oak Park fire house opened by the Commissioners show W. C. Keating of Sacramento low at \$6,150. A list of the other bidders follows: Murcell & Haley bid \$6,739, and Robert Pondie asked \$11,000.

Building Contracts.

SACRAMENTO COUNTY.

PTN LOT 5, I, J, 3RD AND 4TH STS., Sacramento. Alter building.
Owner.....Suther Club, 325 J St., Sacramento.
Architect...None.
Contractor, Ransome Concrete Co., 1012 8th St., Sacramento.
COST, \$1500

E 3, 4 OF LOT 2 K, L, 6TH & 7TH STS., Sacramento. Erect store.
Owner.....Wasserman & Gattman, 614 K St., Sacramento.
Architect...None.
Contractor, Siller Bros., 1400 P St., Sacramento.
COST, \$300

W 50 FT. LOT 4, L, M, 7TH AND 8TH Sts., Sacramento. Erect public garage
Owner.....Chris Weisel Estate Co., 2818 O St., Sacramento.
Architect...None.
Contractor, Siller Bros., 1400 P St., Sacramento.
COST, \$8700

LOT 7, C, D, 10TH AND 11TH STS., Sacramento. Erect dwelling.
Owner.....George G. Knox, 2010 L St., Sacramento.
Architect...None.
Contractor, Barton & Hite.
Filed July 8, '13. Dated June 25, '13.
COST, \$4335

LOT 59 MT. CLAIR TRACT, Sacramento
Erect dwelling.
Owner.....Mrs. L. J. Harlan, 42nd and G Sts., Sacramento.
Architect...None.
Contractor, J. E. Harris, 1114 P St., Sacramento.
COST, \$2400

E ½ OF W ½ OF LOT 3, K, L, 8TH & 9th Sts., Sacramento. Alter building
Owner.....Hagman & Jalonak, 818 K St., Sacramento.
Architect...None.
Contractor, C. Vanina, 2022 M St., Sacramento.
COST, \$3500

NO. 920 J ST., Sacramento. Work on new store.
Owner.....Ossery & Co., 22 Madstone Apartments, Sacramento.
Architect...None.
Contractor, Murcell & Haley, 2nd Cor. V St., Sacramento.
Filed July 1, '13. Dated June 25, '13.
COST, \$4538

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
July 1, 1913—**LOT NO. 143 SECOND** Ave Curtis' Oaks. Clifford Prudhomme to Ruiter & Birdsall.....
.....June 27, 1913

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 13 BLK 125 E, Stockton. Repair frame building.
Owner.....Henry Brack, 830 N-Sutter St., Stockton.
Architect...None.
Day's work. COST, \$1000

LOT 14 BLK 96 S M C, Stockton. Remodel frame building.
Owner.....Flora A. Walker.
Architect...None.
Day's work. COST, \$1000

E 12½ FT. LOTS 16 AND 18, Stockton. Frame building.
Owner.....Geo. Plevinton and A. E. Morgan.
Architect...None.
Day's work. COST, \$1000

E 12½ LOTS 16 AND 18, Stockton. Frame building.
Owner.....Geo. Plevinton and A. E. Morgan.
Architect...None.
Day's work. COST, \$1000

N ½ LOTS 9 AND 11 BLK 89 E, Stockton. Remodel brick building.
Owner.....Casaratti & Gianelli.
Architect...None.
Day's work. COST, \$600

LOT 5 BLK 60 W, Stockton. Frame building.
Owner.....W. C. Dolin.
Architect...None.
Day's work. COST, \$1500

LOT 3 BLK 90 S OF MORMON CHANNEL, Stockton. All work for one-story frame cottage.
Owner.....Sarah J. Boyle, 331 S-San Joaquin St., Stockton.
Architect...None.
Contractor, W. C. Fennell, 421 E-Jefferson St., Stockton.

Filed June 24, '13. Dated June 23, '13
Tough frame up.....250
Roof on.....250
Plaster finished.....250
Cottage accepted.....250
TOTAL, COST, \$1225
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTH-CALIFORNIA.

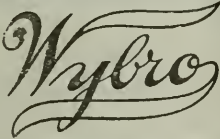
MISSION HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Robert Orr, Van Nuys Bldg., L. A. Owners, Christian Woman's Board of Missions. The building will be erected on Wall street and has been designed for a Japanese Mission. First floor will contain offices, class rooms and chapel. Second floor has been arranged for twenty guest sleeping rooms and the third floor for six three-room apartments with private bath. Basement will contain kitchen and dining room. There will be steam heat. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are being prepared.

FACTORY—1 and 3 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, H. J. Knauer and A. R. Hutchinson, 159 So. Western Ave., L. A. Owners, Homer Motors Co. The building will be erected on San Fernando Road, and will cover an area of 150x200 feet. A portion of the building will be one story high and the balance three stories. There will be a concrete first floor, elevators and metal window sash and frames. Interior of the front portion will be finished in pine. Exterior will be faced with cement plaster. The industry is being financed by the sale of stock. Only preliminary plans have been prepared.

BREW HOUSE—4 story and base, mill construction. Cost not stated. Los Angeles, Cal. Architect, Griesser, 1014 Schiller Bldg., Chicago. Owners, Maler Brewing Co. The building will be an addition to the company's present plant, and will cover an area of 60x100 feet. Interior will be largely finished in tile and glazed brick. Exterior will be faced with red repressed brick. Special brewing machinery and equipment will be ordered in the east. Plans and specifications for the building will be completed and forwarded to Los Angeles within a week or ten days.

GARAGE—1 and 2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, C. Will Bidden, 210 West Eighth St., L. A. The building will be erected on Olive street and will cover an area of 50x163 feet. There will be sales rooms in the front portion of the building and storage space and a machine shop in the rear. Interior finish will be of pine and hardwood. Metal window sash and frames will be used. Floor will be of cement. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who is now taking figures on the work.

HOSPITAL—2 story and base, reinforced concrete, \$15,000. Santa Ana, Orange Co., Cal. Architect, Frederick H. Flex, Harvey-Finley Bldg., Santa Ana. Owners, Orange County. The building will cover an area of 48x92



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feet. Construction will be fire proof throughout, with reinforced concrete walls, floors and roof slabs. Interior will be arranged for wards and private rooms. Interior finish will be of pine. Tile will be used extensively in the operating room. There will be steam heat and elevator service. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened on August 5th. Plans can be secured from the architect or from the County Clerk.

HOTEL—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, W. L. Blenkiron. The building is to be erected on West 6th street, and will contain a total of 15 rooms and 50 baths. There will be steel frame, reinforced concrete walls and floors. Two passenger elevators. Negotiations are now underway with a tenant. If a satisfactory lease can be drawn construction will be started at once.

HOTEL—6 story and base, reinforced concrete, \$500,000. Los Angeles, Cal. Architect, A. S. Heineman, Fernando Bldg., L. A. Owners, Mutual Home Building Co. A site for this big structure has just been secured at the summit of Hill street east of Mt. Washington. Detail plans have not been prepared and a general description of the building cannot be given at this time. The owners announce that construction will not be started until the latter part of this year. Further details of the work will be given as the plans progress.

RESIDENCE—2 story and base, frame, \$37,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, C. H. Warner. The dwelling will be erected at the corner of Santa Anita and Dobbins streets, and will contain eleven rooms, sleeping porch and several baths. Interior finish will be of hardwoods. There will be a central heating system, probably hot water, vacuum cleaning plant and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Work will be carried out by the Milwaukee Building Co.

SCHOOL—1 story and base, brick. Cost not stated. Huntington Park, Los Angeles Co., Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. All bids received on June 27th for this work have been rejected. New plans are now being prepared which will provide for five class rooms instead of

six. Exterior of the building will be faced with cement plaster. Plans will be completed at once and bids are to be opened on July 25th.

STORES—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, David Hewes. The building will be erected on a corner and will cover an area of 260x140 feet. There will be twelve stores with large plate glass display windows set in patent store fronts. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OFFICES—12 story and base. Class A construction, \$300,000. Los Angeles, Cal. Architect's name not given. Owners, Spring Street Investment Co., Los Angeles Investment Bldg., L. A. This company report that all preliminary arrangements have been completed for the construction of a building 60x128 feet on Spring street between 6th and 7th streets. The ground floor has been leased to the Gibraltar Investment Co. Further mention will be made of the work.

HOTEL ADDITIONS—2, 4 story and base, reinforced concrete. Cost not stated. Riverside, Riverside Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Frank Miller, Glenwood Mission Inn. These additions have been mentioned here before. One building will be 48x100 feet and the other 48x70 feet. The first floors will contain dining rooms, exhibit rooms and curio rooms. Upper floors will be arranged for 27 guest rooms, all of which will have private baths. Steam heat will be furnished from the general plant. Exteriors will be faced with cement plaster. Clay tile roofs will be used. Work will be done by Day Labor under the direction of Stanley Wilson, Riverside.

HOTEL—2 story and base, reinforced concrete. Cost not stated. Banning, Riverside Co., Cal. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, Mountain Mission Inn Co. This company has just been incorporated with a capital of \$1,000,000. Only preliminary sketches of the building have been made. These show a structure containing 130 guest rooms. The incorporators of the company are Dr. Haas, 1165 West 37th St., Henry Waterman, Fred B. Zuck, Valentine Kratz and W. J. Wool, all of Los Angeles. Further mention of the work will be made in these columns as the plans progress.

Contracts Awarded.

CHURCH—1 story and base, brick and concrete, \$15,000. Whittier, Los

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ANGELES CO., Cal. Architect's name not stated. Owners, Roman Catholic Church. Contractor, J. H. Linkletter, 403 West Philadelphia St., Whittier. Contract price, \$15,000.

CHURCH—1 story and base, brick, \$25,000. Orange, Orange Co., Cal. Architect, Fred H. Eley, Harvey-Pinley Bldg., Santa Ana. Contractors, Duker, Loeschner & Miller, Orange. Contract price, \$25,500.

WAREHOUSE—5 story and base, reinforced concrete, \$47,000. Los Angeles, Cal. Architect's name not given. Owners, Los Angeles Board of Education. Contractors, Davidson Construction Co., 16th and Tennessee streets, L. A. Contract price, \$47,000.

GARAGE—1 story and base, steel and reinforced concrete, \$21,000. Santa Barbara, Santa Barbara Co., Cal. Architect, none. Owners, El Camino Real Garage. Contractors, Magnus Johnson and H. E. Bothin, Santa Barbara. Contract price, \$21,000.

NORMAL SCHOOL BUILDINGS—Concrete and steel construction, \$499,885. Los Angeles, Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Contractors, Alta Planing Mill Co., 830 McGarry St., L. A. Contract price, \$499,885.

SCHOOL—1 story and base, brick, \$50,448. Fullerton, Orange Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. Contractor, George C. Condon, Citizens' National Bank Bldg., L. A. Contract price, \$50,448.

CHURCH—2 story and base, steel and stone, \$90,000. Phoenix, Ariz. Architects, Gallagher Construction Co., Phoenix. Owners, St. Mary's Catholic Church. Contractor, Riley, Phoenix. Contract price, \$90,000.

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HOSPITAL—2 story and base, brick and concrete, \$25,000. Astoria, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Town of Astoria. The plans call for a T shape building, 10x75 feet, with a wing in the rear 10x40. The ground floor will be used for a laundry, kitchen, dining room and large store room. The first floor will contain three dormitories, two lavatories and superintendent's quarters. The second floor will contain sick wards, operating room, baths, doctors' rooms, and quarters for matrons and nurses. Interior finish will be of pine and hardwood. Steam heat and a hot water system will be installed. Considerable marble and tile are specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are now being taken. Bids will be opened on August 4th. Plans can be secured from the architects or from the City Clerk of Astoria.

BANK—3 story and base, brick and stone. Cost not stated. Forest Grove, Ore. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, First National Bank of Forest Grove. The building will be erected on a corner and will cover an area of 50x62 feet. There will be one small store besides the banking rooms on the first floor. Upper two floors will be arranged for modern offices. Interior of the banking rooms will be finished in pine, hardwood, marble and ornamental plaster. Plans provide for special bank fixtures, coin and safe deposit vaults. There will be steam heat. Marble and tile will be used in the halls on the upper floors. The exterior

of the building will be faced with a local stone. Plans are being prepared and will be out for figures in a few weeks. Further mention of the work will be made at that time.

CHURCH—1 story and base, concrete and frame, \$15,000. Roseburg, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Roseburg. The building will contain a large main auditorium, Sunday school rooms, pastor's study, social hall and lanquet room. Interior finish will be of pine and ornamental plaster. Art glass windows will be used. There will be a central heating system. Exterior of the building will be covered with cement plaster on metal lath. Plans will be complete and ready for figures within a week or ten days.

LODGE HALL—3 story and base, brick. Cost not stated. Medford, Ore. Architect, Clark, Medford, care Elks' Hall Association. Owners, Elks' Hall Association. The building will contain stores on the first floor and offices and lodge rooms on the upper floors. Mr. Clark has only just been commissioned to prepare the plans, and details of the work are not yet available. Mr. Clark is not a practicing architect and correspondence with him will have to be carried on in care of the owners.

HOSPITAL—3 story and base, reinforced concrete. Cost not stated. Springfield, Ore. Architect not selected. Owner, Mrs. R. M. Baker, Springfield. Preliminary arrangements are being made for the construction of a modern hospital 38x60, feet. Interior will be arranged for twelve private rooms, four wards, operating room and office. The four wards will have a total of 50 beds. Interior finish will

be of pine. There will be a central heating system. Exterior will probably be faced with cement plaster. Only preliminary sketches have been made.

LIBRARY—1 story and base, brick and concrete, \$12,500. La Grande, Ore. Architect's name not given. Owners, Town of La Grande. The plans submitted to the Carnegie Library Association have been approved and construction will be started at once. Interior of the building will be finished in pine with hardwood floor. There will be a central heating system and metal stacks. Exterior will be faced with cement plaster. Bids will be called for at once.

SCHOOL—2 story and base, brick. Cost not stated. Cottage Grove, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Cottage Grove School District. The building will cover an area of 115x60 feet. There will be sixteen classrooms and a large auditorium with a seating capacity of 300 people. Interior finish will be of pine. There will be a central heating system and vacuum cleaning system. Exterior will be faced with pressed brick. Plans are complete and figures will be called for next week.

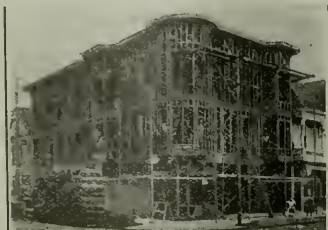
Contracts Awarded.

OFFICE BUILDING—11 story and base steel and reinforced concrete, \$350,000. Portland, Ore. Architect, Engineering Department Pacific Telephone and Telegraph Co., New Montgomery St., S. F. Owners, Pacific Telephone and Telegraph Co. Contractors, Sand Construction and Engineering Co., Chamber of Commerce Bldg., Portland. Contract price not stated.

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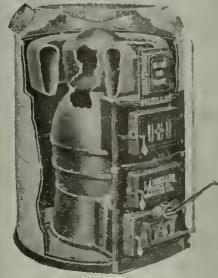
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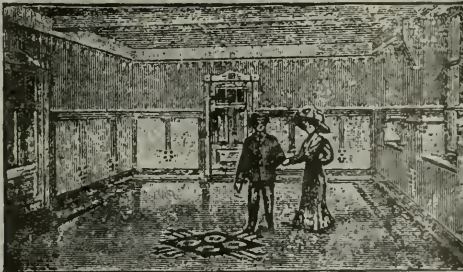


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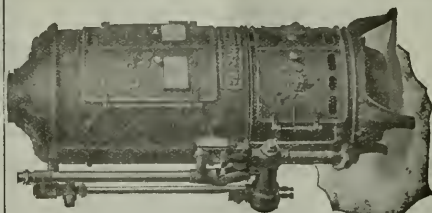
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Lipp & Co., I. P.
Lund, J. B.
Pioneer Plate &
Window Glass
Co.
Thomas & Snel-
der Art Glass
Co.
Asbestos Materials
Johns - Manville
Co., H. W.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Asphalt & Bitum-
inous Products
Nugent, Robinson
Attorneys.
Aitken & Aitken
Auto Delivery.
Holland, J. P.
Star Con. Co.
Automobile
Supplies.
Burgers, Fred W.
Banking.
Mission Sav. Bank
Boller & Pipe Cov-
ering.
Johns - Manville
Co., H. W.
Lewis, W. S.
Western Asbestos
Magnesia Co.
Bonds & Insurance
Agency Company
Aetna Life Ins. Co.
Burke & Co. (Inc.)
Wm. P.
Hilburn, Jas. C.
Hilborn Surety Co.
Lawrence, Jas. A.
Lloyd & Spengler
McMeans, H. V.
Mason, J. A.
Frank Co.
Meherin & Son.
Mark M.
Pacific Surety Casu-
alty Co.
Pacific Surety Co.
Robertson, J. H.
Strong, Belden &
Karr

Mealey & Collins
Messner, P.
McWhirter &
Drake
Mierlick, Phil. J.
Oberfeld, Chas.
O'Rourke, T. F.
Reed & White
Tingberg, John
Watson Bros.

Brick Dealers.
Bay Develop. Co.
Cal. Pottery Co.
Carnegie Brick &
Pottery Co.
City Supply Co.
Diamond Brick Co.
The Co.
Gladding - Mc-
Bean Co.
McNair Brick
Agency
Steiger Terra Cot-
ta & Pottery Wks
Vallejo Brick &
Western Develop-
ment Syndicate
Western Lime &
Cement Co.

Building Journals
Building Co. In-
dustrial News.
Daily Pacific
Builder
Building Materials
Algeringer, E.
Alsen's Portland
Cement Co.
Baker & Hamil-
ton
Bay Develop. Co.
Bells, Wm. R.
Bergner Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Mate-
rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.
Cal. Lime & Hy-
drate Co.
Carnegie Brick &
Pottery Co.
Cowell Lime and
Cement Co. H.
Diamond Brick Co.
Dwan Co., J. E.
Falls Mfg. Co.
Fuller & Co., W.P.
Gladding - Mc-
Bean Co.

Guerin & Co., J. S.
Holland, J. P.
Quality Lime &
Cement Co.
Lilly & Thurston
Co.
Pacific Portland
Cement Co.
Shasta Lime Pro-
ducts Co.
Sherman - Kim-
ball Co.
Simon-Fout Brick
Co.
Standard Portland
Cement Co.
Steiger Terra Cot-
ta & Potry Wks
Vallejo Brick &
Tile Co.
Waterhouse &
Price Co.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate
Western Lime &
Cement Co.
Whittier - Coburn
Co.
Woods & Hud-
son
Worden, Meeker
Vornish Co.

Cement Dealers.
Algeringer, E.
Alsen's Portland
Cement Co.
Holland & Moore
City Supply Co.
Cowell Lime &
Cement Co.
Dwan & Co., J. E.

Guerin & Co., J. S.
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Pacific Portland
Cement Co.
Shasta Lime pro-
ducts Co.
Standard Portland
Cement Co.
Waterhouse &
Price Co.
Western Lime &
Cement Co.
Chimneys, Patent
Clawson Co., L. E.
Dresser - McDon-
nell Co.
Dunley & Gettle
Hughes, H. J.
Concrete Contrac-
tors.
Arras, Adam
Barrett & Hill
Camp & Carrillon
Chalmers, H. A.
(Inc.)
Chase, S. A.
Co-operative Ar-
chitectural Stone Co.
Dillon, H.
Erger, A. C.
Flaherty, W. N.
Gardner, C. J.
Gilmour, W. G.
Gnecco, M. H.
Grussel, Herman
Hansen & John-
son
Haun, C. C. W.
Hurley, P.
Leonard, J. P.
McCabe & Brown
McClennahan, T.W.
McGregor, O. K.
Mattison, J.
Mission Concrete
& Mosaic Wks.
Nelson & Co., C. O.
New Era Marble
& Concrete Co.
Nugent Robinson
Peterson - Nelson
Co.

Rasmussen, A.
Rupp, G. P.
S. A. Francisco
Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Spargo, John
Stanquist & Tay-
lor
S. S. H.
Thomas & Sands
Westerlund, J. V.
Zimmerman, L. M.
Concrete Works.
Bacon & Co., E. R.
Graves - Spears
Road Machy. Co.
Lilly & Thurston
Co.
Laymore Co.,
Norman B.
Contractors'
Equipment.
A. J. Young Ma-
chinery Co.
Appman Cornice
Works
Bacon & Co., E. R.
Hess, G. W.
Orenstein - Ar-
thur Koppel Co.
Cornice Works.
Abramson, E. E.
Atlas Heating &
Ventilating Co.
Barth Cor. Wks.
Capitol Sheet
& Metal Works
Crown Cornice
Works
Guilroy Cor. Wks.
Comyns & Nygren
Forderer Cor-
ner Works
G. & M. Sheet
Metal Works
Hibernia Sheet
Metal Works
Humboldt Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet
Metal Works
Morrison & Co.
Olive, Cox &
Leary
Ruisson Metal
Window Works.
S. F. Cornice Co.
S. F. Metal Stamp
& Corr. Co.

Rasmussen, A.
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& Metal Works
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Comyns & Nygren
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Metal Works
Hibernia Sheet
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Humboldt Bros.
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Crude Oil Harcers
Bill & Jacobsen
Sherman, Kimball
& Co.
Crushed Rock.
Bay Devel. Co.
Cal. Building Ma-
terial Co.
Cassarretto, John
City Supply Co.
Hollman, J. P.
McMullin, A. L.
Simon-Fout Brick
Co.
Standard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Western Develop-
ment Syndicate
Damp Proofing.
Brickley, P. J.
Fox, John L.
Imperial Water-
proofing Co.
Reagle & Jamel-
son
Tarlair, L. A.

Door Opener and
Closer.
Rischmiller, Geo.
Electric Fixtures.
American Gas &
Electric Fixture
Co.
Pac. Gas & Elec-
tric Co.
Electric Light Co.
City Electric Co.
S. F. Gas & Elec-
tric Co.
Electric Wiring &
Equipment.
American Elec. &
Constr. Co.
Brothers, Turner
Co.
Cal. Elec. Constr.
Co.
Central Elec. Co.
City Protective
Electric Co.
Davis Elect. Co.
Decker Electrical
Construction Co.
Farisworth Elec-
trical Works.
General Electric
Constr. Co.
General Eng. Co.
Globe Electric
Works
Hickbridge, W. S.
Hicks Elect. Co.
Low, C. W.
Manhattan Elec-
tric Co.
McNeil Elec. Co.
National Electric
Co.
Newberry - Bend-
heim Elec. Co.
Pac. Fire Exting-
uisher Co.
Riddle, A. F. R.
Rochdale Elec. Co.
Schmidschek, M.
Standard Elec. Co.
Turner Co., The
Waldental - Gos-
liner Elec. Co.
Ward Electric Co.
Elevator Builders.
Otis Elevator Co.
S. F. Elevator Co.
Van Emom Eleva-
tor Co.

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Rock Co.
Stone Co., E. B. &
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Fox, John L.
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Reagle & Jamel-
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Tarlair, L. A.

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Rischmiller, Geo.
Electric Fixtures.
American Gas &
Electric Fixture
Co.
Pac. Gas & Elec-
tric Co.
Electric Light Co.
City Electric Co.
S. F. Gas & Elec-
tric Co.
Electric Wiring &
Equipment.
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Brothers, Turner
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Co.
Central Elec. Co.
City Protective
Electric Co.
Davis Elect. Co.
Decker Electrical
Construction Co.
Farisworth Elec-
trical Works.
General Electric
Constr. Co.
General Eng. Co.
Globe Electric
Works
Hickbridge, W. S.
Hicks Elect. Co.
Low, C. W.
Manhattan Elec-
tric Co.
McNeil Elec. Co.
National Electric
Co.
Newberry - Bend-
heim Elec. Co.
Pac. Fire Exting-
uisher Co.
Riddle, A. F. R.
Rochdale Elec. Co.
Schmidschek, M.
Standard Elec. Co.
Turner Co., The
Waldental - Gos-
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Ward Electric Co.
Elevator Builders.
Otis Elevator Co.
S. F. Elevator Co.
Van Emom Eleva-
tor Co.

Crude Oil Harcers
Bill & Jacobsen
Sherman, Kimball
& Co.
Crushed Rock.
Bay Devel. Co.
Cal. Building Ma-
terial Co.
Cassarretto, John
City Supply Co.
Hollman, J. P.
McMullin, A. L.
Simon-Fout Brick
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Standard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Western Develop-
ment Syndicate
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Fox, John L.
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Reagle & Jamel-
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Tarlair, L. A.

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Electric Fixture
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Pac. Gas & Elec-
tric Co.
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S. F. Gas & Elec-
tric Co.
Electric Wiring &
Equipment.
American Elec. &
Constr. Co.
Brothers, Turner
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Co.
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Decker Electrical
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trical Works.
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General Eng. Co.
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Pac. Fire Exting-
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Riddle, A. F. R.
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Standard Elec. Co.
Turner Co., The
Waldental - Gos-
liner Elec. Co.
Ward Electric Co.
Elevator Builders.
Otis Elevator Co.
S. F. Elevator Co.
Van Emom Eleva-
tor Co.

- Galvanizer** Iron.
Baker & Hamilton
Booster Mfg. Co.
Gas Fixture.
American Gas &
Elec. Fixture Co.
Glass & Glazing.
Cal. Plate & Window Glass Co.
Cohen, I.
Crest Co. W. P.
Grosslicht & Dunbar
Habenschicht &
Howlett
Mission Plate &
Window Glass
Co.
Pioneer Plate &
Window Glass Co.
Schwarz & Gottlieb
Thamas & Schneider
Art Glass Co.
Grading.
Branicik, J. P.
Button, I. V.
Cassaretto, John
Devincenzi & Co.,
L.
Dillon Teaming
Co.
Gallen, Carlin &
McCroy.
Hartnett, J. D.
Holland, J. P.
Lennon, C. J. E.
Leffer & Spinka
Luggen, Ernest
McGaffigan, P. J.
McGlinchey &
Monahan
Monarch Team Co.
Montague Co., P.
Nonnan Bros.
O'Day Co., D.
O'Donnell, Philip
Olmo & Son, J.
Powers, Chas. J.
Rahman & Woods
Star Con. Co., J. H.
Wright, C. J. H.
Granite Curbing.
Graham Granite
Co.,
W.
Pacific Granite Co.
Placer Granite Co.
Gravel.
Bay Development
Co.
Cal. Building Material Co.
Farrand Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Hardwood Dentr.
Inshl Floor Co.
Hardwood Interior
Co.
Wood Lumber Co.,
E. K.
Hardware, Bldrs.
Baker & Hamilton
Brittain & Co.
Joost Bros.
Marshall - Newell
Supply Co.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.
Hay & Grain
Ageitzinger, E.
Farrell, M. V.
Heating & Ventilating.
Abhbach & Mayer
Atlas Heating &
Ventilating Co.
General Eng. Co.
Kiernan & O'Brien
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Son, Wm S.
Turner Co. The
Hatch, B. L.
Moore, F. A.
Pearson, N. H.
Peterson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.
- Island Floors.**
Laid, Jarquet
Floor Co.
Hardwood Interior
Co.
Initial Floor Co.
Pac. Floor Sanding
Co.
Iron & Steel.
Baker & Hamilton
Works.
Dawson & Noyes
Ladson Mfg. Co.
Woods & Hubbard
Art Metal Works
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Folsom St. Iron
Works.
Glasser & Kloeres
Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works
North Star Iron
Works
Ration Iron
Co.
S. F. Iron Works
Sartorius Co.
Smeaders' Iron
Works
Security Iron Wks
Steiger & Kerr
Stove & Foundry Co.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.
Joining & Lumber.
Johst Caps.
Kortick - Falls
Mfg. Co.
Lilly & Thurston
Co.
Waterhouse &
Price Co.
Western Builders'
Supply Co.
Lathers, Wood &
Metal.
Hayden, Fred
Lynch, Richard
McCabe, E. T.
Raymond, Wm. H.
Ward, J. E.
Lime & Plaster
Dealers.
Arden Plaster Co.
Cal. Lime & Hydrate Co.
Cowell Lime &
Cement Co.
Guertin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.
Quality Lime products
Co.
Western Lime &
Cement Co.
Lumber Dealers.
Acme Lumber Co.
Christenson Lumber
Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hart-Wood Lumber
Co.
Hauptman Lumber
Co.
Krisne Co., J. H.
Hoell Lumber Co.
Loop Lumber Co.
MacDonald Lumber
Co.
Moore, Mill &
Lumber Co.
Olson - Mahony
Lumber Co.
Pope & Talbot
Reinert Mill &
Lumber Co.
Santa Clara Valley
Mill & Lumber
Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schreuten & Co., J.
Van Arsdeale-Harris
Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.
E. K.
Yates, Wm. F.
- Magnesian Floor.**
Ing.
Artolith Mfg. Co.
Bender K&E Co.
Dwan & Co., J. E.
Barrett K&E Co.
Pierestine &
Roofing Co.
Plasterly K&P Co.
J. H.
Goodmansan, A. K.
Hergens, Fred C.
Mallott & Peterson
Tiehan & Beronio
Watsonite Co.
Mantels, Tiles & Tiles.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Donovan
Mangrum & Otter
Perfess Agencies
Co.
Petrovsky, John
Thomson, J. W.
Watson Mantel &
Tile Co.
Marble and Mosale Work.
Florentine Art
Studio
Gervais, Henry
Gnecco, M. H.
Grassi & Co., P.
Mission Concrete
& Masonic Wks.
Musto Sons-Keenan
Co.
New Era Marble
& Concrete
Metal Lath.
Atlantic Fire-
proofing Co.
Burger Mfg. Co.
Lilly & Thurston
Co.
Roebeling Constr.
Co.
Werhouse &
Price
Western Builders'
Supply Co.
Metal Stamping.
S. F. Metal Stamping
& Corr. Co.
Oils and Greases.
Standard Oil Co.
Ornamental Plastering.
Rinner, Theodore
Larson, O. F.
Lipp & Co., J. P.
Wicks, John P.
Painters and Decorators.
Baker, O. W. T.
Bentley, Wm.
Blum, Louis
Burns, Joseph
Clark & Dickson
Coxsey, Al
Dahl, T. H.
Danovan, V. J.
Erickson, Wm
Flynn & Mikkelsen
Hansen, Elhing A
Jourdain, Al
Le Baron Painting
Co.
Miller, J. A.
McGubbin, James
Manning, John
Mason, J. J.
Quando & Son
Renfro & Co., J. E.
Ruderman, I.
Schaffer, Wm
Shenauzinkoff
Co., Fred
Smith, J. S.
Sovle, C. S.
Strickland &
Schneider
Spark & Sons.
John H.
Swanson, Peter
The Globe Painters
Co.
Walker, Mayer
Wagner, Fred
Wagner Bros.
Zelinsky, R.
Paints, Oils Varnishes, Etc.
Clark & Dickson
Fuller Co., W. P.
O'Brien, J. S.
Paradise Paint Co.
Wickham & Lombard
Whittier - Colburn
Warden - Meeker
Varnish Co.
- Patent Chimneys.**
Clawson Co., L. E.
Dresser - McDonoughes, H. J.
Dunley & Gittle
Patent Chimneys
Yosemite Constr.
Co.
Planing Mills.
Anderson Bros.
Birtle, C. L. H.
Buckner's Supply
Depot
Cal. Door Co.
Cal. Planing Mill.
Elkington
Hucke
Empire Planing
Mill
Hermann, A.
Herring's Mill
Holden - Dauprey
Co.
Lordon Mill Co.,
J. P.
Main St. Planing
Moore Mill & Lumber
Co.
Pac. West Mill &
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A Weekly Publication Devoted to the Architectural, Building and
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—== THIS WEEK'S ILLUSTRATIONS: ==—

Two Views Of The Proposed Mountain
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Banning, Riverside County, California
Designed By Architects J. Martyn Haenke
And W. J. Dodd, Los Angeles.

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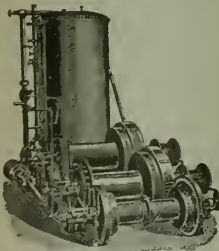
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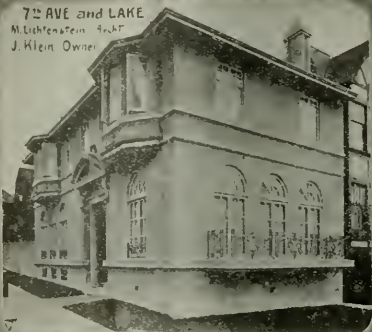
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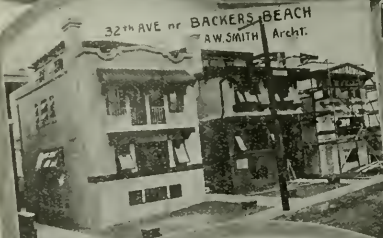
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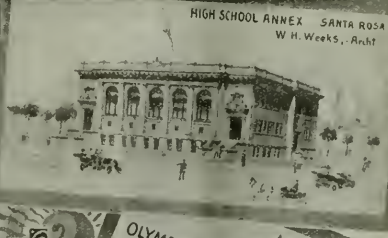
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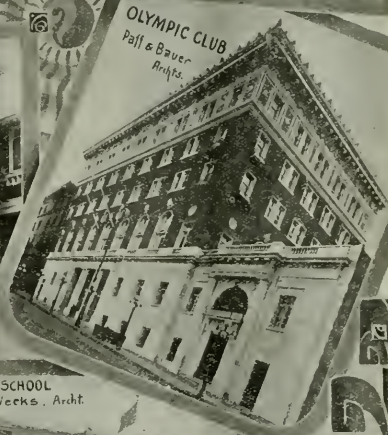
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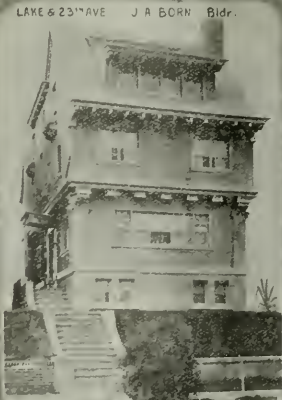
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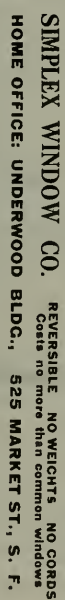
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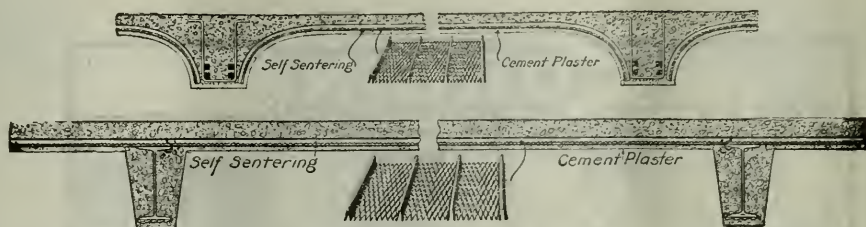
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Editorial Comment.

Building operations throughout the United States for the month of June, 1913, have shown a decline compared with the same month of last year. Official reports from 60 different cities throughout the country made to the American Contractor, show a loss for the month of about 16 per cent in the aggregate. New York and Chicago and the larger building centers have shown a considerable decline. This is the natural result of the tendency of the times, the general depression of business and the somewhat stringent state of the money market. Altogether the western cities have fared better than those of the east. Particulars are to be found in the following table:

City	June, 1913.	June, 1912.
Albany	\$ 165,615	\$ 191,241
Atlanta	565,189	589,538
Baltimore	746,567	522,751
Birmingham	577,189	359,235
Boston	749,910	958,350
Bridgeport	122,318	.....
Cedar Rapids	491,000	193,000
Chattanooga	132,715	47,920
Chicago	7,372,700	10,653,900
Cincinnati	1,392,625	814,346
Cleveland	1,803,805	1,669,379
Columbus	567,791	579,116
Denver	372,845	357,355
Detroit	3,471,580	2,115,160
Duluth	145,284	244,105
Evansville	222,300	141,025
Fort Wayne	273,035	300,980
Grand Rapids	362,707	271,420
Hartford	319,580	1,926,140
Indianapolis	952,025	1,038,150
Kansas City	904,375	1,342,502
Lincoln	121,610	137,160
Los Angeles	2,419,784	3,488,337
Louisville	367,780	897,670
Manchester	156,555	129,377
Memphis	715,643	709,337
Minneapolis	1,481,580	3,187,495
Minneapolis	1,808,645	1,338,125
Nashville	272,859	92,027
Newark	1,089,772	1,099,276
New Haven	341,776	388,109
New Orleans	643,261	231,637
Manhattan	6,355,617	13,159,628
Brooklyn	3,251,277	3,065,600
Bronx	2,544,080	3,670,915
New York	12,150,974	19,896,173
Oakland	777,517	894,731
Omaha	339,650	606,643
Patterson	84,524	120,367
Peoria	90,650	152,465
Philadelphia	1,188,890	3,877,535
Pittsburg	3,750,072	1,111,528
Portland	917,135	1,176,605
Rochester	152,778	735,153
St. Louis	1,111,103	1,251,106
St. Joseph	48,911	227,692
St. Paul	1,069,520	1,021,892

St. Louis	2,196,415	1,931,076
Salt Lake City.....	249,748	800,700
San Francisco	2,134,237	2,058,224
Seranton	85,962	159,229
Seattle	897,310	781,915
Shreveport	145,866	131,305
Sloux City	296,100	415,925
Spokane	411,785	430,935
Springfield	47,270	110,945
Toledo	404,651	385,958
Topeka	54,565	120,815
Troy	581,812	60,116
Wilkes-Barre	88,272	751,185
Worcester	537,973	769,527
Total	\$64,276,126	\$76,259,033

Forest fires such as have just devastated the slopes of Tamaulipas leave their marks on the trees that later furnish the lumber for our homes. The peculiarities of the growth of trees are thus described in a recent number of the Scientific American:

"The forester depends very largely on the annual rings of growth not only to determine the age of trees, but also to calculate the growth and yield of individuals and forests. Sometimes they serve a different purpose. A few years ago, in a lawsuit involving a forfeit of \$25,000 as surety against the cutting of timber on alleged Tennessee State land, sections of tree trunks near the ground were admitted as evidence in locating an old stream bed which marked the boundary of the original grant. This was made possible through the fact that the timber on the newer land was younger than that on the original banks of the stream and was also even-aged instead of all ages, thus showing that the change in the bed of the stream had been made rather suddenly and comparatively recently.

The occurrence of a severe fire, an insect infestation, an unseasonable frost, or periods of abundant rain or of drought may be read from the effects produced upon the structure of the wood from year to year. If a fire is severe enough to destroy portions of the cambium or growing layer of a tree the wound will eventually grow over from the edges. Even if entirely effaced from the outside it will appear upon cutting open the tree, and if the number of rings is counted from the very edge of the wound to the back the time of the fire can be determined with accuracy."

The tendency of a tree to cover up an old wound attached to it is commonly observed in the growing over of nails and wires. Sometimes the cones of the lodge pole pine persist so long on the tree that they are caught by the growing wood and completely embedded. Thus the wood of the tree more or less accurately records the history of its life.

Workmen's Compensation.

Theory and History of Western Canada's Compensation Law.

By W. F. Guild, LL.B., of Winnipeg
in Western Canada Contractor.

There are few fields of legal inquiry so absorbingly interesting as that which treats of "Employers' Liability," or, as it is generally termed in more recent years, "Workmen's Compensation." In either case the reference is to "the obligation which the law imposes upon the employers of labor to compensate their workmen in respect of personal injury suffered in the course of employment."

Nor is the interest in such an investigation merely academic. It is true that the law on the subject is involved and intricate, so much so that few lawyers even profess to be authorities therein, and these few only because, to a certain extent, they have through long experience and practice become specialists in this particular field. Nevertheless, there are large numbers of our citizens in Western Canada affected by the law of Workmen's Compensation or Employers' Liability. We have many occupations and industries, as for example, mining, railroading, manufacturing, building and construction of various kinds, wherein both the employer and workman live in daily likelihood of having to depend upon the condition of the law for the determination of their rights or liabilities as the case may be. In each of these occupations we find a twofold and antagonistic interest. On the one hand we have the interest of the employer—a monetary interest chiefly, and to a limited extent the interest of "Capital"—while opposed to this on the other hand, we have the interest evinced by the employee, an interest which is personal and vital, and broadly speaking, the interest of the representative of "labor."

It is this very widespread and divergent, yet keen, interest that has induced the writer to essay the task of preparing a brief digest and presenting in the space of a short review, and as clearly as may be, the condition of our law in Western Canada on this important and difficult subject, and it is his hope that, in some measure at least, the perusal of these paragraphs may prove not only interesting, but enlightening and profitable.

No one can be more fully aware of the intricacy of the subject and of the difficulties which stand in way of this task; difficulties which are rather enhanced by reason of the fact that the article is framed for the average reader, and is in no way to be considered a legal treatise. To begin with the field is exceedingly broad and expansive; not only so but in many instances whole volumes of case law turn on the wording of some single phrase of an Act. Further the law itself is not fixed. Our latest Acts on "Workmen's Compensation" are to a certain extent experimental. The law today is the result of years of growth and experiment, so that to properly understand it, an adequate knowledge of its history and development is essential. Moreover there is an added complexity due to the confluence of streams from at least four different fountains of legal liability, each varying widely in nature and origin. Add to this one further

difficulty (by no means inconsiderable)—the degree of variance of the laws of those different provinces we are considering, namely, Manitoba, Saskatchewan, Alberta, and British Columbia. Being apprised of these difficulties the reader will duly appreciate the position of the writer.

The mention of the lack of uniformity in the laws in the various provinces suggests the advisability of dealing with our subject in a general way, that is to say, in a manner applicable generally to all or to a number of our provinces, indicating briefly, where necessary or expedient, special features in the laws of each, and to offer, as occasion suggests, a few remarks by way of criticism.

It will come as a surprise to many to learn that practically all of our laws on Workmen's Compensation and Employers' Liability comes directly from England. Many would call, our latest Acts on Workmen's Compensation drastic. We pride ourselves in living in a democratic and progressive country, and yet we have taken this very Act almost word for word from the Act of England—Conservative England. The Lloyd George budget and state insurance are not the only indications that Great Britain, considered the most conservative country in the world, is yet the most democratic and radical in the way of advanced legislation. This will account for the frequent references made throughout to English law, it being in practically all points applicable here by reason of this similarity in our statutes.

The investigation of our field reveals the fact that liability of the employer may be based entirely, or in part, on any one or more of four chief grounds, each of which operates in an important way, and has an important and direct bearing on the position, both of employer and workman.

That is to say, liability is founded on:

(a) The common law of England, which is incorporated into the law of all of our provinces, or

(b) Lord Campbell's Act, sometimes called "The Fatal Accidents Act" or "Compensation for Death by Accident," re-enacted in our various provinces, or

(c) The Employers' Liability Act of England, 1880, adopted by most of our provinces, either under the name or under the title "Workmen's Compensation for Injuries Act," which is not to be confused, however, with the more recent enactments termed "Workmen's Compensation," or

(d) The Workmen's Compensation Act of England, 1897, 1900 and 1906. All of our western provinces have within recent years adopted Acts embodying the limited principle of compulsory insurance, characteristic of this division.

Let us deal with these in order:

(a) Common Law Liability.

It is on the common law of England that the whole structure of the law of Employers' Liability is founded, and in which it has its roots. Indeed, not infrequently, workmen who have suf-

fered injury bring their action solely on this ground, or combine such action with that under the third head, namely, the Employers' Liability Act, and in such cases if successful on the common law ground, may obtain large sums by way of damages. Frequently juries assess the loss of an arm or leg as high as \$8,000.00 or \$10,000.00. It may be asked, then, why workmen do not oftener nowadays, rely on a suit at common law. The answer is that the case must be a very clear and strong one to insure a verdict, and lawyers are apt to counsel "a bird in the hand is worth two in the bush," and advise their clients to take advantage of the later Acts which render a verdict of damages tolerably certain, even although the amount recovered be considerably less.

To succeed at common law, some breach of the statutory duty by the employer or some "personal negligence" must be established. For instance, the adoption by an employer of a defective system or plan of management, or the use of defective and improper agencies for carrying on work, or again the sanction by an employer with full knowledge, of the use of machinery or tackle which is improper and unsafe, would be sufficient. The onus of proving the negligence is on the workman, so that he must be able to establish a strong case.

Moreover, in the course of time, certain defences to such an action have become recognized, and have added to the difficulties of the workman who seeks recovery at common law. Of these to make mention of but four: (1) If the injury resulted in death (as often happened), the representatives or dependents of the deceased, even though their only source of livelihood was thus suddenly removed, could not maintain such an action, as it was then held that the personal action died with the person. The effect of this maxim (however justified it may have been in origin) was removed by Lord Campbell's Act, shortly to be discussed. (2) In the doctrine of "Common Employment," as established in the celebrated case of *Priestly vs. Fowler*, a very great blow was struck at the chance of a workman succeeding in such an action. The doctrine, in short, was that an employer was absolved from liability where the injury arose through the act of a fellow servant of the injured, the theory being that there was an "implied" contract on the part of the workman to take the risks of the employment, including the risk of injury caused by a fellow-servant. It was chiefly to dispose of such a defense that the "Employers' Liability Act" below referred to was enacted. (3) Under the maxim, "*Volenti non fit injuria*," the workman who knew of and accepted the risk attendant on any work, was prevented from succeeding, and such knowledge and acceptance or consent being a question of fact might be implied or inferred from the circumstances of the case, and the particular

conduct of the injured workman. This defence is also available under the Employers' Liability Act referred to later, though its scope has been narrowed by the trend of subsequent decisions. (4) One of the chief defences to such an action at common law is "contributory negligence," that is to say, if in any way the workman himself contributed to bring about the injury, he is precluded from succeeding, even although there may have been some negligence on the part of the company, but which was not the effective or proximate cause of the injury.

While it is seen, therefore, that there were and still are many weapons placed in the hands of the employer to defend an action by a workman, at common law, and while owing to this, in the majority of cases, such an action cannot be successfully maintained, and while, further, lawyers are inclined to advise their clients, unless they have a strong case, to take advantage of the more effective and certain remedies provided by the Statute, nevertheless, the common law aspect is an exceedingly important one; and especially so in view of the fact that on its basic principles the whole of the legal superstructure of Workmen's Compensation is founded, and to the extent that situations arise for which provision is not made by Statute, these principles flourish with unabated force and vigor.

(b) Lord Campbell's Act.

Turning to Lord Campbell's Act in 1845. This merely took away one of the grounds of defence available at common law, namely, where the injury resulted in death. Under this Act, which has been re-enacted in all our provinces, and indeed, incorporated in some instances into our Employers' Liability Act, provision is made for the bringing of an action by the personal representative of the deceased on behalf of the dependants of the deceased, or to be more exact, on behalf of the wife, husband, parents (which includes grand-parents and step-parents) and children (which includes grand-children and step-children) of the person whose death has been occasioned by negligence. More recent Acts include in this list brothers and sisters; but in all cases the damages are assessed and proportioned to the pecuniary loss resulting from such death to the parties for whom and for whose benefit an action is brought. Such action must be brought within one year from the date and ger ally, where there is no executor or administrator, may be brought by the dependants or some one or more of them personally.

(c) Employers' Liability Act.

England, 1880; British Columbia, 1897; Northwest Territories, 1900; Manitoba, 1902. The purpose of these Acts was two-fold (a) to relieve the workmen of the necessity of proving "personal negligence" on the part of the employer as required at common law. Owing to the increase in size of private business where the employer took but a small share in the actual management of the work, and owing further to the establishment of companies and corporations, where the employer was an abstract personality, it was impossible to prove "personal negligence," and hence common law actions by workmen almost invariably

failed. (b) To overcome the recognized defence to common law action of common employment above referred to, or in other words to nullify the effect of the decision in Priestley vs. Fowler.

This two-fold purpose was achieved by these Acts by the insertion of some provision to the effect "that where personal injury is caused to a workman:

"(a) by defective ways, works, machinery or plant.

"(b) by reason of the negligence of a fellow servant for whose negligence, either in supervision or otherwise, the employer is by such Act made responsible.

"(c) by reason of defective rules, by-laws or particular instructions.

"(d) by reason of the negligence of a person having charge or control of any signal points, locomotive engine or train upon a railway.

"In all such cases a workman is to have the same right of action as if he had not been a workman." Here also, in the event of death, the same provision, as outlined in Lord Campbell's Act, applies both as to the parties for whose benefit the action must be brought and as to the necessity of such parties establishing pecuniary loss.

It will be seen that this Act renders the chance of a workman recovering very much stronger than had been the case at common law, the chief feature being that the employer is held answerable for those who are in delegated authority under him. At the same time there are certain limitations and conditions, both restrictive and precedent. The Act is confined in its application to certain classes of servants, generally speaking, to those performing manual labor, but not including firm servants; the compensation recoverable is limited in amount to the average earnings of a workman in the same class, for the space of three years, or some equivalent sum, and is further sometimes conditioned on proper notice of accident, and trial, while the action itself must be commenced within two years from the time of the injury.

But a claim brought under the Act may be defeated if the employer can establish:

(a) That the servant whose act or neglect caused the accident was not acting in the scope of his authority.

(b) The accident was unavoidable or inevitable or what may be called accident pure and simple.

(c) That the injured was really a trespasser at the time.

(d) That the injured person himself contributed to the accident.

(e) That the servant injured agreed to take the risk.

Such in brief, is the sum and substance of this division of our subject as based on the principles embodied in the Employers' Liability Act.

(d) Workmen's Compensation.

For several years an agitation has been on foot among workmen for the enactment of a law which would enable them to recover for injuries sustained during the course of their employment, entirely regardless of negligence on the part of the employer or any of his other workmen. There has been founded in Germany a system of insurance of workmen against accidents happening in the course of their employment (which, by the way,

has been largely adopted in many other European countries), but it was not, however, until 1897 that the first Workmen's Compensation Act of England was passed to meet the insistent demand of workmen. Later it was extended in 1900 and again in 1906, so as to include domestic servants and farm laborers. It is to be noted that in all its main features it has been adopted in recent years by our provinces in the following order: British Columbia, 1902; Alberta, 1908; Manitoba, 1910, Saskatchewan, 1910.

Briefly, these acts, after defining the nature of the employment to which, and the workmen to whom, the Act applies (and in this respect it is to be noted that our Acts do not include domestic servants or farm laborers), provide that such workmen are to be compensated for "personal injury by accident arising out of and in the course of the employment." Thus workmen are practically insured irrespective of the question of negligence, against all accidents occurring during the course of their employment, though, in passing, we may note these exceptions being instances where no compensation is recoverable, under these Acts: (a) where the period of disablement is less than two weeks (in Saskatchewan one week); (b) where the workman elects to proceed independently of the Act, that is at common law or under the Employers' Liability Act; (c) where the injury is due to the serious or wilful misconduct (and in Manitoba, drunkenness) of the workman, though even here, should the injury result in death, compensation is nevertheless recoverable by the dependants. Under these Acts, compliance with certain rules is necessary, these having to do chiefly with the giving of notice of accident and notice of claim within specific times (varying in the different provinces), such rules prescribing also the manner for giving such notice. The action itself must be commenced not later than six months from the date of the injury. Provision is also made for workman and employer adopting, with the approval of the attorney general, some alternative scheme of compensation. A rather important feature is the liability of the employer for injuries to workmen hired by sub-contractors, though a right of recovery over against such sub-contractors is reserved to the employer.

It is to be observed, moreover, that a commencement of proceedings under these Acts precludes the commencement of an action later, either at common law or under the Employers' Liability Acts, or vice versa. To these Acts are usually attached two schedules, the first dealing with the amount of compensation and how it is to be computed; the second providing a quasi judicial procedure aimed to give cheap, effective and speedy remedy. In case death results from the accident, the dependants, if any (though in Manitoba they must reside in the province) may recover to the extent of \$1,500 to \$2,000, the amount varying in the different provinces. If the dependants are only dependent in part upon the earnings of the deceased, the compensation is proportioned to the loss or injury to such dependants, though in no case can they recover more than the maximum sum of \$1,500 in \$1,000 as the case may be. If there are no dependants, the employer may

be required to pay \$100 to cover funeral and medical expenses. Where the injury results in total or partial incapacity, but not death, compensation is made payable in weekly installments amounting to one-half of the former earnings of the injured with a maximum of \$10 per week, and with the total limitation of \$1,500 or \$2,000 as a maximum.

Such is a brief outline of our Workmen's Compensation Acts. The outstanding feature is obviously the emolument of the principle of limited insurance—a principle that is based upon the view, apparently, that all ordinary misadventures met with by workmen in the course of their employment should be regarded as incidental to the expense of the work in which they are engaged, and should therefore be charged to such industry without reference to the question of negligence or default.

With the rightness or wrongness of this principle we are not here concerned, for although it has been suggested that these Acts are more or less experimental in nature, the writer

has no hesitation in saying that they are here to stay. In practice, contractors, builders and employers of labor in general realize (or should realize) this fact and protect themselves against the statutory liability by insuring this risk in some accident insurance company, just as nations today insure against the dangers of war and invasion by the building of navies and the upkeep of armies. Viewed in this light, the alarm with which the Acts were first contemplated by employers has practically vanished.

But we have already exceeded the patience of the reader, though throughout the space has seemed but all too short to adequately deal with such an interesting and extensive field of law. We have outlined the development of the subject from its origin in common law, and it is hoped that the historical review and brief critical analysis of the important steps of this development will afford employer and workmen alike a clearer understanding of the law of workmen's compensation, which is the outcome of long years of growth and experience.

building will be erected on one of the corners of Pine and Stockton streets. The assured early completion of the Stockton street tunnel has caused a marked revival of interest in property on Stockton street from Sutter to Sacramento streets, and the first of the year will see a number of high class hotels and apartment houses under construction. Announcement of another large apartment house on one of the Stockton street corners will be made within a week. The building planned by Mr. MacDonald will have a complete steel frame, reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster, making the construction fireproof throughout. Suites will range from two to four and five rooms. Interior finish will be of pine and hardwoods with considerable marble and tile used. All suites will have connecting bath rooms and will be equipped with wall beds. There will be steam heat, oil burning apparatus, vacuum cleaning system and elevator service. The elevators will connect direct with the tunnel by means of a sub-basement, and this will be made a regular stop for all cars using the tunnel. Exterior of the building will probably be faced with cement plaster and mat glazed terra cotta. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 7 story and base, brick and steel, \$74,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Starr & Larson. The building will be erected at the southeast corner of Sutter and Jones streets, and will cover a considerable ground area. The first floor will be arranged for entrance lobby, office, social rooms and several apartments. Upper floors will be divided into two and three room suites. All apartments will have private bath rooms and wall beds. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior finish will be of pine and hardwood veneer. Some ornamental plaster will be used. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. A contract for the steel and iron work has been awarded to the Central Iron Works for \$20,250, and plans for the balance of the work are now out for figures.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$30,000 each. Architect, none. Owners, Louis Lee and F. Heine, 1255 Polk St., S. F. These two buildings will be erected on the north side of Pine street east of Leavenworth. Each will contain 15 apartments of two and three rooms. Buildings will have street frontages of 37½ feet and will extend back 116 feet. All suites will have connecting bath rooms and will be equipped with wall beds. Interior finish will be of pine and elm panels. Bath rooms will be finished in cement plaster. There will be steam heat, automatic elevators and hot water systems. Exteriors will be covered with pressed brick veneer, rustic and shiplap. Plans are complete and the work will be done by Day Labor.

LOS ANGELES, CAL. — Apartment house, 3 story and base. Class C construction, \$60,000. Architect, Fernand L'Herminier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. The building will be erected on Beaudry avenue near 3rd street, and will cover an area

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These announcements are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, W. M. Garey, 930 Chestnut St., S. F. The building will be erected on the east side of Larkin street north of Jackson, and has a frontage on Larkin street of 20 feet and a depth of 57 feet 9 inches. There will be six apartments of three rooms and bath each. Interior finish will be of pine and redwood. Some hardwood floors will be used. No heat will be installed. All suites will be equipped with wall beds. Bath rooms will have cement plaster wainscot and sanitary floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Apartment house, 7 story and base. Class C construction, \$99,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, John Black. This building will be erected on Post street between Jones and Leavenworth, covering an area of 69x37½ feet. Interior has been arranged to contain 56 suites of two, three and four rooms. All apartments will have private bath room and wall beds. Plans provide for steam heat, elevator service, vacuum cleaning plant and hot water system. Interior finish will be of pine, redwood and hardwood veneer. Tile and cement will be used in the bath rooms. There will also be special built-in features in the bath rooms and kitchens. There will be two large social rooms, office and parlors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 8 story and base, reinforced concrete, \$95,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Portok Realty Co. This is the second

large building project announced as a direct result of the commencement of work on the Stockton street tunnel, and is to be erected at the southwest corner of Stockton and California streets. The building will have a frontage on Stockton street of 68 feet 9 inches and of 124 feet on California street. Besides the social rooms and offices, upper floors will be arranged for a total of 140 rooms which will be divided in two, three and four room suites. Interior finish will be of pine and hardwoods. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Provision has been made for direct connection with the Stockton street tunnel through elevator service via the basement. Construction will be practically fireproof throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared and construction will be undertaken before the first of the year.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 4 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will contain in the neighborhood of 100 rooms which will be arranged in suites of from two to four rooms. All apartments will have private baths and will be equipped with wall beds. Interior finish will be of pine and hardwood. Hardwood floors will be used in some of the rooms. Bath rooms will be finished in cement plaster and tile. There will be steam heat and elevator service. Exterior of the building will be covered with rustic shiplap and brick veneer. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 15 story and base. Class A construction. Cost not stated. Architect, Kenneth MacDonald, Jr., Holbrook Bldg., S. F. Owner's name withheld. This

of 60x154 feet. Interior will be divided into 110 rooms which are to be arranged in two and three room suites. All apartments will have private baths and wall beds. Interior finish will be of pine with some hardwood veneer. There will be steam heat, an automatic elevator and vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. Built-in features will be used in the bath rooms and kitchens. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

HERMOSA BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick, \$25,000. Architect not selected. Owner, Dr. W. C. Bondies, 906 Mission St., South Pasadena. The building will be designed for two and three room suites with private baths and wall beds. No plans have been made. Further details will be given when the owner selects an architect. Dr. Bondies will also erect several frame dwellings on his property at Hermosa Beach.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick, \$50,000. Architect, E. B. Hogan, Jr., 1564 West 46th St., L. A. Owner, Ernest C. Hillman, 635 West 46th St., L. A. The building will cover an area of 54x120 feet and has been designed to contain 86 rooms arranged in two and three room suites. All suites will have private bath rooms and will be equipped with wall beds. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine with some hardwood panels. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$30,000. Architect, V. W. Voorhees, Ellet Bldg., Seattle. Owner, W. J. Morrow. The building will be erected on a corner site and will cover a considerable area. Suites will be arranged in two and three room apartments with private baths. Interior will be finished in pine and elm panels. Some hardwood floors will be used. There will be steam heat and an automatic elevator. Bath rooms will have the floors and wainscot. All suites will have wall beds. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about the first of September.

Contracts Awarded.

PASADENA, LOS ANGELES CO., CAL.—Apartment house, 4 story and base, brick, \$60,000. Architects, Frank G. Krucker and H. C. Decker, Ferguson Bldg., L. A. Owners, Charles S. Hale and S. S. Wold. Contractor, George Whyte, Pasadena, general construction, \$13,000. Munger & Munger, Pasadena, plumbing and heating, \$9,000.

LOS ANGELES, Cal.—Apartment house, 3 story and base, frame. Cost not stated. Architect, C. Guilt, L. A. Owner, Mrs. A. Burgwald. Contractor, R. T. Laughlin, Lissner Bldg., L. A. Contract price not stated.

BANKS.

CONCORD, CONTRA COSTA CO., CAL.—Bank, 2 story and base, brick or reinforced concrete. Cost not stated. Architect, G. A. Applegarth, Call Bldg.,

S. F. Owners, Bank of Concord. This is the second bank structure which has been designed for Concord institutions by Mr. Applegarth. This building will be erected on a corner site and will contain the banking rooms on the first floor and a number of modern offices on the upper floor. Interior of the banking rooms will be finished in hardwood and ornamental plaster. There will be special bank fixtures and coin vaults. Upper floor will be finished in pine. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

BRIDGES, DAMS AND HARBOR WORK.

Contracts Awarded.

PIR, WASH.—Bridge, concrete and steel, \$50,000. Engineers, Bowerman & McCloy, Mutual Life Bldg., Seattle. Owners, Skagit County. Contractors, Skagit Construction Co., Mt. Vernon. Contract price, \$50,000.

CHURCHES.

TILLAMOOK, ORE.—Church, 1 story and base, brick and stone, \$20,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Tillamook. The building will be designed in the Colonial style with a high basement and main floor. The basement will be arranged for Sunday school rooms, social hall and kitchen. Main floor will contain an auditorium seating 250 people. Interior finish will be of pine. There will be a central heating system. Exterior of the building will be faced with pressed brick and stone. Plans are complete and figures are now being taken.

TULARE, TULARE CO., CAL.—Church addition, concrete and brick construction. Cost not stated. Architect's name not given. Owners, St. Aloysius Church. This work will consist of the addition of two large wings, which will contain class rooms. The main auditorium will also be enlarged. Interior finish will be of pine throughout. The exterior of the building will be faced with cement plaster. Plans are in the hands of Father Edward Schmitt, who will have charge of letting the contracts.

Contracts Awarded.

AZUSA, LOS ANGELES CO., CAL.—Church, 1 story and base, frame, \$12,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, First Presbyterian Church of Azusa. Contractors, Perkins & Holcomb, Watts. Contract price, \$11,656.

COURT HOUSES.

SAN FRANCISCO—City Hall foundations, etc., \$11,882. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Contractors, Nichols & Handley, Hearst Bldg., S. F. Contract price, \$11,882. This contract calls for the concrete foundation work and finishing excavating for the new City Hall, and is the third contract to be let for this \$1,500,000 structure.

FACTORIES & WAREHOUSES.

SACRAMENTO, CAL.—Grain elevator, reinforced concrete construction. Cost not stated. Architect, P. J. Herold, Forum Bldg., Sacramento. Owner's name withheld. This work has been mentioned here some time ago when plans were being prepared. Working drawings are now complete and figures are being taken. The building will be fireproof. Special grain handling machinery will be used. Exterior will be faced with cement plaster. Besides the elevator a flour mill will be erected shortly, plans for which have also been prepared in the office of Architect P. J. Herold.

GARAGES.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 and stores, 1 story and base, brick, \$23,000. Architects, Kempel & Erkes, Henne Bldg., L. A. Owners, Schmidt Estate. Contractor, Fred R. Brauer, 2025 Willard Ave., L. A. Contract price, \$23,000.

PORTLAND, ORE.—Garage and hall, 4 story and base, brick and steel. Cost not stated. Architect, Robert F. Tegen, Swetland Bldg., Portland. Owners, Paul Van Firdaugh and Mrs. Hortense. Contractors, Litherland-Abbrey Co., Beck Bldg., Portland. Contract price not stated.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, \$10,500. Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owner, Henry A. Jacobs. The building will be erected on the west side of Scott street south of Sacramento, and has been designed for a high-class residential flat building. Flats will consist of six and seven rooms. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with klinker brick veneer, rustic and cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, C. Pantoni, 906 Kearny St., S. F. Owner, A. Corbelli. The building will be erected on Pacific street west of Jones, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. east corner of Devisadero and Broadway with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$4,500 each. Architect, none. Owners, C. W. and W. J. Keenan, Hayes and Masonic avenue, S. F. The buildings will be erected on Hayes street east of Masonic avenue and each has been designed to contain two modern flats of four and five rooms. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Tile will

be used in the bath rooms and kitchens. Exteriors of both buildings will be covered with cement plaster on metal lath and klinker brick veneer. Plans are in the hands of the owners and work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.
Flats, 2 story and base, frame, \$3,000. Architect, N. W. Shaw, 3073 Bateman St., Berkeley. Owner, Arthur Frey. The building will contain two flats of five and six rooms and bath. Interior finish will be of pine with hardwood floors. Bath rooms will have cement plaster wainscot. There will be a large open fire place with brick mantel in each living room. Exterior of the building will be covered with cement plaster and rustic. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

New Columbia Hospital.

Congress at the last session appropriated \$390,000 for the construction in this city of a modern fireproof hospital building for the treatment of diseases peculiarly to women and a lying-in asylum. The building is to be erected on the site belonging to the United States to replace the present building of the Columbia Hospital. The construction of the building and the expenditure of the appropriation is to be under the supervision of the superintendent of the Capitol building. The sum of \$100,000 has been made available to commence the work. The plans and specifications will probably be obtainable about the middle of October. There will be two wings and an administration building in the center. The buildings are to be of brick and of fireproof construction. Nathan C. Wyeth, of this city, is the architect.

Puget Sound Traveling Cranes.

The contract for furnishing electric traveling cranes for the general foundry, Puget Sound navy yard, Washington, has been awarded to Pauling & Harnischfeger, Milwaukee, Wis., at \$16,825.

Pearl Harbor, H. T., Gunners' Quarters.

The contract for the construction of two gunners' quarters at the U. S. naval magazine, Kahuia, Pearl Harbor, H. T., has been awarded to the Lord-Young Engineering Co., Honolulu, H. T., at \$13,880.

Pearl Harbor, H. T., Officers' Quarters.

The bid of the Lord-Young Engineering Co., Honolulu, H. T., \$19,440 in amount, has been accepted for the construction of two officers' quarters at the naval station, Pearl Harbor, H. T.

Cupro Wire, Reclamation Service.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing copper wire for Minidoka project, Idaho:

- Bid 1. Standard Underground Cable Co., Los Angeles, Cal.
- 2. B. F. Kierulff, Jr., & Co., Los Angeles, Cal.
- 3. U. S. Steel Products Export Co., Los Angeles, Cal.
- Item 1. 35,000 lbs No. 5 E. & S. 3-

wire bare copper strand—Bid 1, \$5,705; 2, \$5,687.50; 3, \$6,125. Place of delivery, bid 1, Perth Amboy, N. J.; 2, Elizabeth, N. J.; 3, Worcester, Mass. Reel charge, bid 1, \$112; 2, \$140; 3, \$150. Reel weight, bid 1, 3,200 lbs; 2, 4,275 lbs; 3, 4,000 lbs.

Item 2. 400 lbs No. 6 E. & S. solid soft-drawn copper wire—Bid 1, \$63; 2, \$65.40; 3, \$67. Delivery same as item 1.

Item 3. 48,000 lbs No. 1 E. & S. solid weatherproof wire—Bid 1, \$6,615; 2, \$6,657; 3, \$6,762. Deliveries, same as item 1. Reel charge, bid 1, \$72; 2, \$168; 3, \$165. Reel weight, bid 1, 3,100 lbs; 2, 5,250 lbs; 3, 4,400 lbs.

Item 4. Miscellaneous solid and stranded B. C. wire—Bid 1, \$136.66; 2, \$1,107.55; 3, \$1,108.27. Deliveries, same as item 1. Reel charge, bid 1, \$18.50; 2, \$10; 3, \$20.

Item 5. 1,500 ft No. 4 B. & S. triple-conductor cable—Bid 1, \$537; 2, \$810; 3, \$557.50. Deliveries, bid 1, Pitts-burgh, Pa.; 2, Stamford, Conn.; 3, Worcester, Mass. Reel charge, bid 1, \$7.50; 2, \$25; 3, \$10.

Lump sum, bid A, items 1 to 4, inclusive—Bid 1, \$13,519.66; 2, \$13,495.45; 3, \$14,397.27.

Lump sum, bid B, items 1 to 5, inclusive—Bid 1, \$14,056.66; 2, \$14,295.45; 3, \$15,164.77.

San Diego Range Light.

The following bids were received by the light-house inspector, 18th district, for the construction of the San Diego front range light:

Muir & Symon, San Francisco, Cal., \$714.

Western Iron Works, \$869.

Judson Mfg. Co., San Francisco, Cal., \$696; accepted.

San Diego Light No. 5.

Muir & Symon, San Francisco, Cal., \$684; accepted.

Western Iron Works, \$858.

Judson Mfg. Co., \$833.

Todd & Peters, \$825.

Mortensen Construction Co., \$865.

San Diego Light No. 2—Rear range.

Muir & Symon, San Francisco, Cal., \$910; accepted.

Western Iron Works, \$1,287.

Judson Mfg. Co., \$957.

Todd & Peters, \$1,300.

Mortensen Construction Co., \$1,600.

Phoenix, Ariz., Screens.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing door and window screens for the U. S. post office at Phoenix, Ariz.:

T. L. Edens, Phoenix, Ariz., \$1,610.

Winslow & Grable, Phoenix, Ariz., \$1,615.

Robbins Mfg. Co., Chicago, Ill., \$1,675.

The Weller Mfg. Co., Milwaukee, Wis., \$1,685.

Honolulu, H. T., Quarantine.

The contract for the construction of latrine buildings, sewage purification tank, and connecting piping at the U. S. quarantine station, Honolulu, H. T., was been awarded to W. N. Concanon, Mononack Building, San Francisco, Cal., at \$29,375; plus for 200 lin ft of riprap on discharge pipe at \$12 per ft, \$2,400; total, \$31,775; time 5 months from date of contract.

Five-Ton Pillar Cranes.

The Isthmian Canal Commission will soon be in the market for the purchase of six 5-ton pillar cranes. These cranes

are needed for handling forgings between furnaces and hammers and under the latter. No operating gear is required, except that the trolleys shall be operated from the floor by pendant chains. The effective radius from center line of mast to center line of eye for hoist shall be not less than 15 feet, and the over-all length from center line of mast to end of boom not more than 16 feet 6 inches. The crane shall not exceed 18 feet from floor line to top of mast and shall be 13 feet from floor line to underside of boom. The crane shall consist of a heavy cast iron pillar; a vertical structural mast braced, and a structural steel horizontal boom fitted with tracks for the trolley. The mast shall be assembled over the pillar, and the load carried by a roller thrust bearing at the upper end of the pillar. The thrust bearing shall receive the load from a cast-iron strut, which, riveted between the sides of the mast, forms the bearing for a vertical pivot on the pillar. This bearing shall not be more than 18 inches below the boom. The lower end of the mast shall have a structural steel frame fitted around the pillar. This frame shall carry suitable rolls for resisting the side thrust and reducing friction to a minimum. The cranes shall be assembled at the factory and tested under a load of six tons before shipment.

Fort Peck Indian School.

The following bids were received by the commissioner of Indian Affairs, Washington, D. C., for the construction of a brick hospital at the Fort Peck Indian School, Mont.:

E. L. Olson, Harper, Mont., \$9,744; 120 days.

W. D. Lovell, Minneapolis, Minn., \$12,900; 180 days.

G. A. Grate, Minneapolis, Minn., \$13,150.

The Constructing Quartermaster Office at Fort Mason is now in charge of Capt. F. W. Griffin, pending the arrival of Col. Geo. McK. Williamson, who will resume charge after August. Capt. E. L. Walton has left for his new command in Arizona.

The following appropriations for the fiscal year 1914 have been made to the Constructing Quartermaster's Office at Fort Mason for work at the various posts:

Seven new buildings at Presidio, \$91,000.

Two new buildings at Fort Mason, \$140,000.

Five new buildings at Fort Winfield Scott, \$134,000.

Road construction at Presidio, \$50,000.

Road construction at Fort Winfield Scott, \$20,000.

Sewer construction at Fort Winfield Scott, \$20,000.

Retaining wall at Fort Miley, \$20,000.

This work will be undertaken as soon as orders from Washington are received.

Engineer O. W. Degen, Constructing Quartermaster's Office at Fort Mason, is preparing plans for track-laying system at Fort Mason, connecting with the proposed tunnel under Fort Mason which is to be constructed by the State Board of Harbor Commissioners. The track system will connect at the tunnel with the Belt Line Railroad, Depot Warehouses and Transport Docks.

HALLS & SOCIETY BLDGS. HOSPITALS.

PASADENA, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick, \$35,000. Architect, C. A. Balch, 344 North Lake St., Pasadena. Owners, Pasadena Odd Fellows Hall Association. The building will be erected on a corner site. The first floor will contain the parlors, office, lobby and a library. Second floor will be given over to a large auditorium and the third floor will be arranged for living apartments. There will be a central heating system. Interior finish will be of pine and hardwoods. Hardwood floors will also be used. The exterior of the building will be faced with pressed brick. Dr. S. P. Swearingen, 10 East Colorado street, is in charge of the work. Plans are complete and will be out for figures in two weeks.

PORTLAND, ORE.—Lodge hall alterations and additions, brick construction, \$20,000. Architects, Emil Schacht & Sons, Commonwealth Bldg., Portland. Owners, Knights of Pythias. The two-story brick building now under lease to this organization will have a third floor added and undergo extensive alterations. The second floor, now used as an auditorium, will be converted into club rooms and will be elaborately finished. Plans will be completed at once.

Contracts Awarded.

PORTLAND, ORE.—Lodge hall, 1 and 2 story and base, brick and steel, \$50,000. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owners, Turn Verein Society. Contractor, William Vaetz, 242½ First St., general construction. Contract price not stated. J. F. Shea Co., heating and plumbing. Contract price not stated.

HOSPITALS.

SAN FRANCISCO.—Screens for hospital group. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for screens for the eight principal buildings of the San Francisco hospital group have been completed and are now out for figures. Bids will be opened by the Board of Public Works on July 23rd. Plans and specifications can be secured from the Department of Architecture, Temporary City Hall.

LOS ANGELES, CAL.—Hospital, 2 or 3 story and base, reinforced concrete, \$50,000. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, French Hospital Association. A site for this building has been secured at the corner of College and Castelar streets. Only preliminary sketches of the building have been made and details cannot be given at this time. If additional funds are secured a much more pretentious building, or perhaps a group of buildings, will be erected. Further mention of the work will be made in these columns as plans progress.

PORT ORCHARD, WASH.—Veterans' Home, 1, 2 story and base, brick, \$100,000. Architects, Heath & Grove, National Realty Bldg., Tacoma. Owners, Washington Veterans' Home. This work will include the following buildings: Two-story barracks, 2 story assembly hall, 2 story laundry, 2 story superintendent's residence and three

employee's cottages. All construction will be of brick. Plans are still in the preliminary stage and details of the work cannot be given. Further mention will be made here when figures are called.

ALHAMBRA, LOS ANGELES CO., CAL.—Library, 1 story and base, brick and steel, \$26,485. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owners, City of Alhambra. Contractor, H. F. Roberts, 203 North Marguerita St., Alhambra. Contract price, \$26,485. Note: This contract does not include interior trim.

Contracts Awarded.

OXNARD, VENTURA CO., CAL.—Hospital, 2 story and base, brick, \$42,000. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. Contractor, Thomas Carroll, Oxnard. Contract price, \$42,000.

HOTELS.

SAN FRANCISCO.—Hotel, 6 story and base, steel and reinforced concrete, \$65,000. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owner, A. Eisenberg. This building has been mentioned here before when the architect was first commissioned to prepare plans. The structure will be erected on the north side of Sutter street between Jones and Leavenworth streets. Plans provide for a total of 90 guest rooms, 65 per cent of which will have private baths. Interior finish will be of pine and hardwoods with ornamental plaster used in the office and lobby. There will be steam heat, elevator service, hot water plant and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO.—Hotel, 3 story and base, brick and steel, \$25,000. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner's name withheld. The building will be erected on Golden Gate avenue near Hyde. The first floor will be arranged for an automobile sales room and upper floors will contain in the neighborhood of 50 guest rooms and several baths. Interior finish will be of pine. Bath rooms will have cement floors and tile wainscot. First floor will be finished in hardwood, marble and tile. A hot water system will be installed. There will be plate glass windows in patent store fronts. Exterior of the building will be faced with pressed brick. Bids will be called for shortly.

EL CENTRO, IMPERIAL CO., CAL.—Hotel, 4 story and base, brick and steel, \$130,000. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owners, Bell Development Co. The building will be erected at the corner of 7th and Main streets, and will cover an area of 131x151 feet. There will be four stores besides the hotel offices, lobby and dining room on the first floor. Upper floors will contain a total of 117 guest rooms and 60 private baths. Mahogany and tile will be used on the first floor. There will be steam heat, two passenger and one freight elevator, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster. Brick work and carpentry will be done by Day Labor. Separate contracts will be let for the other parts of the building.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Edwin W. Pascoe. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Plans for this work are now being prepared. When complete the job will be constructed on a percentage basis.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO.—Warehouses, 1 story, frame and concrete. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for two concrete and frame warehouses which are to be erected on the Exposition Grounds. Bids will be opened by the Buildings and Grounds Committee for this work on July 31st. Plans can be secured from the Director of Works, room 207 Service Building. An official proposal appears under the heading of Official Advertising in this issue.

Contracts Awarded.

SAN FRANCISCO.—Drainage system for race track, \$1575. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Pringle, Dunn & Co., S. F. Contract price, \$1,575.

RAILROAD CONST. STATIONS AND EQUIPMENT.

EUGENE, ORE.—Passenger station, 1 story and base, brick, \$25,000. Architect's name not given. Owners, Oregon Electric R. R. Co. Contractors, Moore Bros., Portland. Contract price not stated.

RESIDENCES.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$7,500. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. Buck. The dwelling will be erected on 19th avenue in the Richmond District, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile floor and cement plaster. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO.—Residences, 2, 2½ story and base, frame, \$12,000. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owner, E. M. Luckett. These houses will be erected at the southeast corner of Devisadero and Broderick streets. Each dwelling has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed in each house. Bath rooms will be finished in tile and ce-

ment plaster. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Fred Warden, 535 Laidley Ave., S. F. The house has been designed to contain six rooms and bath, and will be erected on London street near Excelsior. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place in the living room with tile mantel. Bath room and kitchen will have cement wainscot. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2½ story and base, frame, \$7,500. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owner, Mrs. R. T. Ogile. The house will be erected on Devisadero between Union and Filbert streets. There will be eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with some white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be finished in tile. An automatic water heater will be installed. Asbestos shingle roof is specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

OAKLAND, CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architect, F. D. Voorhees, Central Bldg., Oakland. Owner, Fred W. Diehl. The house has been designed to contain six rooms and bath. Interior will be finished in pine with some hardwood. Hardwood floors will be used in the living room, dining room and den. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, V. S. Kidd. This work has been mentioned here before. Plans are now complete and figures are being taken. The dwelling has been designed to contain eight rooms and bath. Interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Harris Allen, 2514 Hillegass, Berkeley. Owner, Dudley Brail. The dwelling will be erected on Prospect street near Dwight Way, and has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine, redwood

and some hardwoods. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Knight. This house will be erected in the Northbrae Tract, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and out for figures.

OAKLAND, CAL.—Residence, 2 story and base, \$3,500. Architect, none. Owner, Edward Larmer, 631 Polier Ave., Oakland. The dwelling has been designed for a seven room house with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, W. E. Pond, 4151 Randolph Ave., Oakland. The house has been designed for a seven-room dwelling with bath and will be erected on West 13th avenue. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, L. Asuma, 755 60th St., Oakland. The house will be erected on Ocean View Drive, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The house will be erected on Amador near Mariposa street, and has been designed to contain seven rooms and bath. Interior finish will be of pine with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick and tile mantel. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, Ralph P. Morrell, Old Fellows Bldg., Stockton. Owner, D. McKenzie. The house will be erected on California street, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are now being prepared.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$2,600. Architect, none. Owner, C. H. Chatterton, 2122 T St., Sacramento. The house will contain seven rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in two rooms. Tile will be used in the bath room and kitchen. There will be a large open fire place and tile mantel in the living room. Exterior of the bungalow will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SARATOGA, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Ferni Bazata. The house has been designed for a country home and will contain in the neighborhood of eight rooms, bath and sleeping porch. Interior will be finished in pine with some hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the architect is now taking figures on the work.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, frame construction. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: De Smet Bros., 39 11th St., 1 story frame, \$2,000, and Niels Johnson, 371 13th St., San Jose, 1 story frame, \$2,000. The owners are in the market for all materials.

BERKELEY, ALAMEDA CO., CAL.—Frat House, 3 story and base, frame, \$20,000. Architect, William C. Hays, Foxcroft Bldg., S. F. Owners, Alpha Tau Omega Fraternity. The building

will contain social rooms, dining room, kitchen and library on the first floor. Upper floors will be arranged for a number of sleeping apartments and baths. Interior finish will be of pine and redwood with hardwood floors. There will be a central heating system and open fire places. Bath rooms will be equipped with showers and will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

Contracts Awarded.

ALTADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$15,250. Architect, C. F. Driscoll, Chamber of Commerce Bldg., L. A. Owner, Emma W. Barton. Contractor, M. R. Mitchell, 1142 Michigan Ave., L. A. Contract price, \$15,250.

—SCHOOLS—

SAN FRANCISCO—Fire escapes for school. Cost not stated. Architect, City Department of Architecture. Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans and specifications for fire escapes on the Yerba Buena School have been completed and are now out for figures. Bids will be opened on July 23rd by the Board of Public Works. Plans can be secured from the Department of Architecture. A proposal appears under the heading of Official Advertising in this issue.

BERKELEY, ALAMEDA CO., CAL.—Convent, 3 story and base, frame, \$35,000. Architect, John J. Foley, 46 Kearny St., S. F. Owners, St. Joseph's Convent. This work was mentioned here sometime ago when the architect was first commissioned to prepare plans. The building will contain a number of art studios and music room besides the chapel and dormitories. Interior finish will be of pine and redwood. Steam heat will be installed. The building covers a large ground area. Exterior will be covered with shiplap and sanded. Plans are complete and figures are now being taken by the architect.

OAKLAND, CAL.—School, 2 story and base, frame. Cost not stated. Architect, City Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for a small frame school building which is to be erected on San Pablo avenue at 62nd street have been completed and are now out for bids. Interior finish will be of pine with some maple floors. Exterior will be covered with rustic and shiplap. Bids will be opened by the Board of Education on July 24th. Plans and specifications can be secured from the architect. Bids are also being taken by the Board of Education for four portable schools, of frame construction, and for a temporary frame addition for the Swett School at 12th avenue and East 20th street. Plans for this work can be secured from Architect Donovan's office.

BEARDSLEE SCHOOL DISTRICT, KERN CO., CAL.—School, 1 story and base, frame, \$12,000. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Beardslee School District. The building will contain four standard size class rooms and an assembly hall. Interior will be finished in pine. There will be a hot water system of heating

with oil burning furnace. Composition blackboards will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Plans and specifications can be secured from the architect.

COTTAGE GROVE, ORE.—School, 2 story and base. Cost not stated. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Cottage Grove School District. Plans and specifications for this work, which has been mentioned here before, will be completed by July 28th. Bids will be opened on August 9th. The building will cover an area of 60x145 feet, and will contain sixteen standard class rooms, assembly hall seating 300 people and principal's office and teachers' rooms. There will be a central heating system, probably steam, vacuum cleaning and program clocks. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick.

FLAGSTAFF, ARIZ.—College buildings, 3, 1 and 2 story and base, reinforced concrete, \$55,500. Architects, Cook & Smart, Phoenix. Owners, Northern Arizona Normal School. These buildings will consist of a two-story girls' dormitory, estimated to cost \$41,500, a two-story concrete and stone addition to the boys' dormitory, estimated to cost \$11,000, and a one-story concrete and stone power house, estimated to cost \$4,000. The two dormitory buildings will have steam heat and pine interior finish. Exterior of all three buildings will be faced with cement plaster. Plans are being prepared.

TUSTIN, ORANGE CO., CAL.—School, 2 story and base, brick, \$40,000. Architect, F. J. Eley, Hervey-Finley Bldg., Santa Ana. Owners, Tustin School District. The building has been designed to contain eight standard size class rooms, an auditorium and offices. Interior finish will be of pine throughout. Some maple floors will be used. There will be a central heating system and vacuum cleaning plant. Program clocks will also be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—High school, 2 story and base, brick. Cost not stated. Architect, George W. Eldredge, Los Angeles Investment Bldg., L. A. Owners, Huntington Park High School District. The building will cover an area of 119x255 feet. It will contain an auditorium seating 600 people, a study room seating 200 people, ten class rooms, library, rest rooms, commercial and domestic science departments, principal's office, art rooms, fireproof vaults, lecture rooms and three laboratories. There will be a plenum system of heating, metal window sash and frames, pine trim and maple and composition floors. Exterior of the building will be faced with ruffled brick. Plans are complete and out for figures. Bids will be opened on August 2nd. Plans can be secured from the architect.

Contracts Awarded.

BERKELEY, ALAMEDA CO., CAL.—Campanile, Class A construction, \$250,000. Architect, John Galen Howard, 602 Mission St., S. F. Owners, University of California. The Regents of the University of California have awarded the following contracts for

the construction of the Sather Campanile, which is to be erected on the University grounds at Berkeley: Elevator work to Otis Elevator Co., \$2,900; excavating and concrete work to Clinton Fireproofing Co. for \$41,000; granite work to Raymond Granite Co. for \$72,500; marble work to McGilvray Stone Co. for \$8,385; structural steel work to California Construction Co. for \$13,000. The contract for the ornamental metal work has not been awarded, but will be within the next three or four days.

SANTA MONICA, LOS ANGELES CO., CAL.—School gymnasium, 1 story and base, brick, \$30,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica School District. Contractor, C. S. McCully, 2751 Francis Ave., L. A. general construction, \$26,200. W. J. English, Santa Monica, plumbing, \$3,394.

LANCASTER, LOS ANGELES CO., CAL.—School, 2 story and base, reinforced concrete, \$15,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Lancaster School District. Contractors, Anderson & Murdock, Louise street, Glendale. Contract price, \$11,639.

ONTARIO, SAN BERNARDINO CO., CAL.—School, 2 story and base, reinforced concrete, \$55,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Ontario School District. Contractor, F. W. Edwards, Orange, general construction, \$30,069. Heating and ventilating, Machinery and Electric Co., 351 North Main St., L. A., \$3,347.

FELLOWS, KERN CO., CAL.—School, 1 story and base, brick and concrete, \$15,000. Architect, Thomas B. Wise-man, Producers' Bank Bldg., Bakersfield. Owners, Midway School District. Contractor, J. E. Yancy, Bakersfield, general construction, \$13,016. Heating, Machinery and Electric Co., 351 North Main St., L. A., \$2,234.

STORE.

SAN FRANCISCO—Market, 1 story and base, reinforced concrete and steel. Cost not stated. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Henry C. Cowell Lime and Cement Co. The building will be erected on The Embarcadero, extending from Sacramento to Commercial street. The building will be but one story high and has been leased to Mr. Long, who now conducts several of the best known markets in the city. It is Mr. Long's intention to make the new building the most modern market in the west. The location has been selected owing to its proximity to the ferries and convenience which the market will afford the many thousand of commuters who daily cross the bay. The building will have three street frontages, the principal frontage being on The Embarcadero and the others on Market and Sacramento streets. Modern sanitary equipment including mechanical sweeping and scrubbing machines will be installed. Interior finish will be largely of marble and tile. One of the most convenient features of the market is to be known as the "Basket System." By this method the commuters may place their orders in the morning which will be filled and turned over to Wells-Fargo Co., who will deliver the order and return the basket. Working drawings are now being prepared and work will be started as soon as possible. No esti-

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at

Room 115, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 25, 1913, for Plans, the East End, and the Fillmore Street Entrance in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or that, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

Order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR DREDGING.

DREDGING.—Sealed proposals, endorsed "Proposals for Dredging," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., July 26, 1913, and then they will be publicly opened for dredging channel and basin in Mare Island Strait and removing rocks at Vallejo, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR WATER PIPE.

WATER PIPE.—Sealed proposals, endorsed "Proposals for Pipe Line" will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., August 2, 1913, and then they will be publicly opened for water pipe from Yerba Buena Island to Oakland, Cal. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval training station, San Francisco, Cal. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 115 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, July 25, 1913, for Plans, the East End, and the Fillmore Street Entrance Tower, in accordance with the plans and specifications on file in the office of the Director of Works.

A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the

plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR STEEL REINFORCEMENT, CONCRETE, LUMBER, ETC.

STEEL REINFORCEMENT, CONCRETE, LUMBER, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m., August 6, 1913, for earthwork and structures on the second unit of Dodson North Canal, laterals and waste water ditches, involving about 300,000 cubic yards of excavation, 1,200 cubic yards of reinforced concrete, the plac-

ing of about 300,000 pounds of steel reinforcement and the placing in wooden structures of about 140,000 feet, b. m., of lumber. The work is situated on the north side of Milk River, adjacent to the main line of the Great Northern Railway in the vicinity of Wagner, Exeter and Malta, Mont. For particulars address the United States Reclamation Service, Washington, D. C., Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

PROPOSALS FOR DREDGING.

DREDGING.—U. S. Engineer Office, 101 Custom House, San Francisco, Cal.—Sealed proposals for dredging in Suisun Channel, Cal., will be received at this office until 11 o'clock a. m., July 26, 1913, and then publicly opened. Information on application. THOMAS H. DEES, lieutenant colonel, engineers.

Plans desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$7,500, San Francisco, Architect Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. Buck. The dwelling will be erected on 19th avenue in the Richmond District, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be of pine and hardwood with some white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be finished in tile. An automatic water heater will be installed. Awastox shingle roof is specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

RESIDENCES — 2 1/2 story and base, frame, \$12,000, San Francisco, Architect, Charles C. Frye, 20 Montgomery St., S. F. Owner, E. M. Luckett. These houses will be erected at the southeast corner of Devisadero and Broadway streets. Each dwelling has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed in each house. Bath rooms will be finished in tile and cement plaster. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$2,000, San Francisco, Architect, none. Owner, Fred Warden, 355 Lathley Ave., S. F. The house has been designed to contain six rooms and bath and will be erected on London street near Excelsior. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place in the living room with the mantel. Bath room and kitchen will have cement wainscot. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 1/2 story and base, frame, \$1,500, San Francisco, Archi-

tect, Charles C. Frye, 20 Montgomery St., S. F. Owner, Mrs. R. T. Ozle. The house will be erected on Devisadero between Union and Filbert streets. There will be eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with some white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be finished in tile. An automatic water heater will be installed. Awastox shingle roof is specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

FLATS — 2 story and base, frame, \$10,500, San Francisco, Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owner, Henry A. Jacobs. The building will be erected on the west side of Scott street south of Sacramento, and has been designed for a high-class residential flat building. Flats will consist of six and seven rooms. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with klunker brick veneer, rustic and cement plaster. Plans are complete and figures are being taken.

FLATS — 2 story and base, frame, \$1,000, San Francisco, Architect, C. Fantoni, 396 Kearny St., S. F. Owner, A. Corbelli. The building will be erected on Pacific street west of Jones, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

APARTMENT HOUSES — 3 story and base, frame, \$10,000, San Francisco, Architect, none. Owner, W. M. Garey, 930 Chestnut St., S. F. The building will be erected on the east side of Larkin street north of Jackson, and has a frontage on Larkin street of 20

feet and a depth of 57 feet 9 inches. There will be six apartments of three rooms and bath each. Interior finish will be of pine and redwood. Some hardwood floors will be used. No heat will be installed. All suites will be equipped with wall beds. Bath rooms will have cement plaster wainscot and sanitary floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. He is now in the market for all materials.

APARTMENT HOUSE—7 story and base. Class C construction, \$90,000. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, John Black. This building will be erected on Post street between Jones and Leavenworth, covering an area of 60x137½ feet. Interior has been arranged to contain 56 suites of two, three and four rooms. All apartments will have private bath room and wall beds. Plans provide for steam heat, elevator service, vacuum cleaning plant and hot water system. Interior finish will be of pine, redwood and hardwood veneer. Tile and cement will be used in the bath rooms. There will also be special built-in features in the bath rooms and kitchens. There will be two large social rooms, office and parlors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—7 story and base. Brick and steel, \$74,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Starr & Larson. The building will be erected at the southeast corner of Sutter and Jones streets, and will cover a considerable ground area. The first floor will be arranged for entrance lobby, office, social rooms and several apartments. Upper floors will be divided into two and three room suites. All apartments will have private bath rooms and wall beds. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior finish will be of pine and hardwood veneer. Some ornamental plaster will be used. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. A contract for the steel and iron work has been awarded to the Central Iron Works for \$20,250, and plans for the balance of the work are now out for figures.

APARTMENT HOUSES—2, 3 story and base. Frame, \$30,000 each. San Francisco. Architect, none. Owners, Louis Lee and F. Heine, 1255 Polk St., S. F. These two buildings will be erected on the north side of Pine street east of Leavenworth. Each will contain fifteen apartments of two and three rooms. Buildings will have street frontages of 37½ feet and will extend back 116 feet. All suites will have connecting bath rooms and will be equipped with wall beds. Interior finish will be of pine and elm panels. Bath rooms will be finished in cement plaster. There will be steam heat, automatic elevators and hot water systems. Exterior will be covered with pressed brick veneer, rustic and ship-lap. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—15 story and base. Class A construction. Cost not stated. San Francisco. Architect, Kenneth MacDonald, Jr., Holbrook Bldg.,

S. F. Owner's name withheld. This building will be erected on one of the corners of Pine and Stockton streets. The assured early completion of the Stockton street tunnel has caused a marked revival of interest in property on Stockton street from Sutter to Sacramento streets, and the first of the year will see a number of high-class hotels and apartment houses under construction. Announcement of another large apartment house on one of the Stockton street corners will be made within a week. The building planned by Mr. MacDonald will have a complete steel frame, reinforced-concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster, making the construction fireproof throughout. Suites will range from two to four and five rooms. Interior finish will be of pine and hardwoods with considerable marble and tile used. All suites will have connecting bath rooms and will be equipped with wall beds. There will be steam heat, oil burning apparatus, vacuum cleaning system and elevator service. The elevators will connect direct with the tunnel by means of a sub-basement and this will make a regular stop for all cars using the tunnel. Exterior of the building will probably be faced with cement plaster and mat glazed terra cotta. Plans are now being prepared.

APARTMENT HOUSE—8 story and base. Reinforced concrete, \$95,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Portola Realty Co. This is the second large building project announced as a direct result of the commencement of work on the Stockton Street Tunnel, and is to be erected at the southwest corner of Stockton and California streets. The building will have a frontage on Stockton street of 68 feet 9 inches and of 124 feet on California street. Besides the social rooms and offices, upper floors will be arranged for a total of 140 rooms, which will be divided into two and three room suites. Interior finish will be of pine and hardwoods. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Provision has been made for direct connection with the Stockton street tunnel through elevator service via the basement. Construction will be practically fireproof throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared and construction will be undertaken before the first of the year.

FLATS—2, 2 story and base. Frame, \$1,500 each. San Francisco. Architect, none. Owners, C. W. and W. J. Keenan, Hayes and Masonic Aves., S. F. The buildings will be erected on Hayes street east of Masonic avenue, and each has been designed to contain two modern flats of four and five rooms. Interior finish will be of pine with some elm panels. Hardwood floor will be used in the principal rooms. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of both buildings will be covered with cement plaster on metal lath and klinker brick veneer. Plans are in the hands of the owners and work will be done by Day Labor. Materials are now being purchased.

HOTEL—6 story and base. Steel and reinforced brick, \$65,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owner, A. Eisenberg. This building has been mentioned here before when the architect was first commissioned to prepare plans. The structure will be erected on the north side of Sutter street between Jones and Leavenworth streets. Plans provide for a total of 90 guest rooms, 65 per cent of which will have private baths. Interior finish will be of pine and hardwoods with ornamental plaster used in the office and lobby. There will be steam heat, elevator service, hot water plant and vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called out shortly.

SCREENS FOR HOSPITAL GROUP—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for screens for the eight principal buildings of the San Francisco Hospital group have been completed and are now out for figures. Bids will be opened by the Board of Public Works on July 23rd. Plans and specifications can be secured from the Department of Architecture, Temporary City Hall.

HOTEL—3 story and base. Brick and steel, \$25,000. San Francisco. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner's name withheld. The building will be erected on Golden Gate avenue near Hyde. The first floor will be arranged for an automobile sales room and upper floors will contain in the neighborhood of 56 guest rooms and several baths. Interior finish will be of pine. Bath rooms will have cement floors and tile wainscot. First floor will be finished in hardwood, marble and tile. A hot water system will be installed. There will be plate glass windows in patent store fronts. Exterior of the building will be faced with pressed brick. Bids will be called out shortly.

FIRE ESCAPES FOR SCHOOL—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans and specifications for fire escapes on the Yerba Buena School have been completed and are now out for figures. Bids will be opened on July 23rd by the Board of Public Works. Plans can be secured from the Department of Architecture. A proposal appears under the heading of Official Advertising in this issue.

MARKET—1 story and base. Reinforced concrete and steel. Cost not stated. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Henry C. Cowell Lumber and Cement Co. The building will be erected on The Embarcadero, extending from Sacramento to Commercial street. The building will be but one story high and has been leased to Mr. Long, who now conducts several of the best known markets in the city. It is Mr. Long's intention to make the new building the most modern market in the west. The location has been selected owing to its proximity to the ferries and convenience which the market will afford the many thousands of commuters who daily cross the bay. The building will have three street frontages, the principal frontage being

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
2572	Heine	Lee	3000
2573	Same	Same	3000
2574	Keenan	Keenan	4500
2575	Same	Same	4500
2576	Lind	Lind	1500
2577	Sardolou	Duffy	400
2578	Wells Fargo Bk.	Brade	1381
2579	Lagan	Foley	2954
2580	Meirderks	Mager	2900
2581	Peeley	Johanson	12000
2582	Wright Invt.	Chayne	8460
2583	Starr	Central Iron	20250
2584	McDonough	McDonough	450
2585	Nave	Cal Carpenter Shop	400
2586	Silverstein	Chayne	400
2587	Brandenstein	Owner	800
2588	Anderson	Federal Sign	650
2589	McKay	Ballard	800
2590	Brown	Stranning	500
2591	Wilson	Neill	400
2592	Carey	Carey	7000
2593	Catholic Archb.	Tittle	1125
2594	Rege	Montani	2080
2595	Bergerot	Hansen	4640
2596	Landpap	Leich	115
2597	Pockwitz	McLaughlin	24500
2598	Ouin	Ottin	3183
2599	Sargent	Murray	3387
2600	Capurro	Blanchini	825
2601	Arnold	Arnold	400
2602	Wormell	Wormell	400
2603	Warden	Warden	2000
2604	Keboe	Keboe	985
2605	McCarthy	McCarthy	2750
2606	Anastasi	Bonaccorso	5900
2607	Jacobs	Peterson	966
2608	Same	Leaf	950
2609	Same	Cobby	7300
2610	Johnson	Cleese	3350
2611	Snortorno	Kara	637
2612	Reever	Carr	1500
2613	Murdoch	Fisher	1000
2614	Koenig	Koenig	1750
2615	Deming	Wilson	15500
2616	Jensen	Bredesoft	1500
2617	Clemens	Allen	1300
2618	Hocking	Hamill	3500
2619	Pollara	Grace	1200
2620	Carrick	Allen	2400
2621	Restore	Wiel	6500
2622	Patel M. E. Ch.	Hini	10000
2623	Anderson	McLaughlin	125000
2624	Ahlin	Sclonchetti	1150
2625	Mountford	Yates	4900
2626	Hocking	Hewitt	2900
2627	Cole	Berefield	4300
2628	Bovine	Stiefel	4000
2629	Bos	Gierick	5550
2630	Same	Herring	2100
2631	Peeley	Johanson	11800
2632	Van Pacific	Sanborn	4000
2633	Yates	Yates	4500
2634	Fish	Wright	1650
2635	Wanfer	Mager	4900
2636	Rozzett	Dewar	4822

(Correction in Location)

(2401) NE BUCHANAN and WASHINGTON. New finish and hook cases in library, alter doors in living room, enlarge pantry, new steps, all electric lights, switches, etc.
Owner.....Frederick Baruch, Care Architect.
Architect...J. E. Kraft & Sons, Phelan Bldg., San Francisco.
Contractor...Daniel O'Neill, 248 Natoma San Francisco.

COST, \$1250

(2572) N PINE 142-6 E Leavenworth. Three-story and basement frame (15) apartments.
Owner.....F. Heine, 1180 Stanyan, San Francisco.

Architect...None.
Contractor...Louis Lee, 1255 Polk, S. F.

COST, \$30,000

(2573) N PINE 105 E Leavenworth. Three-story and basement frame (15) apartments.
Owner.....F. Heine, 1180 Stanyan, San Francisco.

Architect...None.
Contractor...Louis Lee, 1255 Polk, S. F.

COST, \$30,000

kept well to the front in elevator construction.

Other papers are in preparation by experts and definitely on the Society's program as follows:—dates of presentation to be fixed later on.

1. "Practical Tests of Structural Material," by Smith, Emery & Co.

2. "Electrical Transmission," by W. W. Hanscom.

3. "Development of California," by Robert Newton Lynch, Vice-President and Manager of the California Development Board.

Other papers will be announced in time.

The meetings of the society are held in the Board Room of the Mechanics' Institute, 57 Post St. G. Alexander Wright is President.

BIGGEST POWER PERMIT ISSUED.

WASHINGTON, July 18.—The largest water power permit ever issued by the Department of Agriculture was signed last Wednesday by Secretary Houston, granting rights to the Pacific Light and Power Company of Los Angeles to operate power plants in the Sierra National Forest. It will carry electric power 240 miles to Los Angeles and vicinity at 150,000 volts, said to be the highest commercial transmission ever attempted.

On account of the amount of power to be disposed of, the permit allows twelve years for construction. Four power houses, two reservoirs and twenty-five miles of cement lined tunnels will be built. Under a temporary permit the company had done some work. That granted Wednesday is final.

Part of the power will be used for pumping water for irrigation in the upper San Joaquin valley. The power will be carried over a double steel tower line of aluminum cables.

The permit, above referred to authorizes the \$12,000,000 project now under construction at Big Creek for the Pacific Light and Power Company by Stone & Webster in the Sierras, fifty-six miles east of Fresno.

Seven thousand feet above the sea, behind the biggest system of electric dams in the world is being imprisoned 125,000 acre feet of water, a lake seven miles long, a mile and a half in width and 150 feet deep. The water is held in check by three dams, 160 feet, 90 feet and 75 feet in height respectively.

From behind the upper dam, which is taller than any building in the southern part of the state, the water is carried through a 12-foot tunnel three and a half miles in length and is dropped 2,180 feet into power house No. one, which is 140 feet tall, or higher than any building in Fresno.

From power house No. one the water will be carried on to five other power houses planned by the corporation, which will ultimately develop 350,000 horse power.

The first unit, 7,500 horse power, will be sent over the line some time in September. This is sufficient power to operate all the electric railroads south of the Tehachapi.

It is the intention of the Pacific Light and Power Company to expend \$30,000 in the Sierras in the course of the next few years.

on The Embarcadero and the others on Market and Sacramento streets. Modern sanitary equipment including mechanical sweeping and scrubbing machines will be installed. Interior finish will be largely of marble and tile. One of the most convenient features of the market is to be known as the "Basket System." By this method commuters may place their orders in the morning which will be filled and turned over to the Wells-Fargo Co. who will deliver the order and return the basket. Working drawings are now being prepared and work will be started as soon as possible. No estimate of the cost of the building has been made.

STORES AND ROOMS—3 story and base, steel and reinforced concrete, \$20,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owners, Hop Wo Benevolent Society. This building will be erected on Stockton street between Clay and Sacramento, and will cover an area of 40x100 feet. There will be two stores on the first floor besides the entrance to the rooms above. Upper floors will be divided into about 50 rooms. Interior finish will be of pine and redwood. Running water will be supplied to all rooms. Stores will have plate glass windows in patent store fronts. Exterior will be faced with cement plaster. Plans are complete and figures have been taken. A contract will probably be awarded at once.

WAREHOUSES—1 story, frame and concrete. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for two concrete and frame warehouses which are to be erected on the Exposition Grounds. Bids will be opened by the Buildings and Grounds Committee for this work on July 31st. Plans can be secured from the Director of Works, room 207 Service Building. An official proposal appears under the heading of Official Advertising in this issue.

COLLEGE BUILDINGS—3, 1 and 2 Contracts Awarded.

CITY HALL FOUNDATIONS, ETC.—\$44,882. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Contractors, Nichols & Handley, Hearst Bldg., S. F. Contract price, \$44,882. This contract calls for the concrete foundation work and finishing excavating for the new City Hall and is the third contract to be let for this \$1,500,000 structure.

DRAINAGE SYSTEM FOR RACE TRACK—\$4,575. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Pringle-Dunn & Co., S. F. Contract price, \$4,575.

TECHNICAL SOCIETY OF THE PACIFIC COAST.

What ought to be a very interesting paper will be presented this evening before the Technical Society of the Pacific Coast, by Mr. B. C. Van Emon, the pioneer elevator builder of San Francisco, on the subject of "Elevators, Their Uses and Abuses."

Mr. Van Emon is thoroughly acquainted with his subject. The first electric elevator built in San Francisco was constructed by him and in the march of progress Mr. Van Emon has

(2571) N HAYES 188 1/2 Masonic Ave.
Two-story and basement frame flats
Owner.....C. W. & W. J. Keenan,
Hayes and Masonic, S. F.
Architect...None.
Day's work. COST, \$4500

(2575) N HAYES 210 E Masonic Ave.
Two-story and basement frame flats
Owner.....C. W. & W. J. Keenan,
Hayes and Masonic, S. F.
Architect...None.
Day's work. COST, \$1500

(2576) W ORD 896 N 18th. One-story
and basement frame dwelling.
Owner.....Miles Lind, 234 Stanton,
San Francisco.
Architect...None.
Day's work. COST, \$1500

(2577) No. 595 McALLISTER. Alter
store and new mosaic floor.
Owner.....John B. Sardolou, Premises
Architect...None.
Contractor...R. T. Duffy.
COST, \$400

(2578) NE MONTGOMERY, POST AND
Market. Steel beams, anchors and
cantilever brackets for steel work
for alterations to side walk for Ne-
vada Bank Building.
Owner.....Wells Fargo Nevada Na-
tional Bank of S. F.
Architect...Clinton Day, Nevada Bank
Bldg., San Francisco.
Contractor...Brode Iron Works, 31
Hawthorne, San Francisco.
Filed July 14, '13. Dated July 7, '13.
75% of material when delivered at
building
Remainder of 75% of contract
when completed
Usual 35 days balance..... 25%
TOTAL COST, \$1361
Bond, none. Limit, 25 days. Forfeit,
none. Plans and specifications filed.

(2579) N SEVENTEENTH 100 W How-
ard W 25x100. All work for two-
story and basement frame flats.
Owner.....Daniel & John Lagan, 2036
Architect...None.
Contractor...W. M. Foley, 333 Irving,
San Francisco.

Filed July 11, '13. Dated July 3, '13.
Frame up\$ 954
Brown coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000
TOTAL COST, \$3954
Bond, \$1977. Surety, Ann Foley. Limit,
90 days. Forfeit, none. Plans and
specifications filed.

(2580) N IRVING 32-6 W 9th Ave W
25xN 69. All work for one-story and
basement frame store.
Owner.....John Meidlericks,
Architect...L. M. Weismann & Son, 110
Jessie, San Francisco.
Contractor...Mager Bros., 110 Jessie,
San Francisco.

Filed July 14, '13. Dated July 14, '13.
Frame up\$725
Brown coated 725
Completed and accepted..... 725
Usual 35 days..... 725
TOTAL COST, \$2900
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(2581) S SUTTER 127-6 W Webster
W 26xS 127-6. All work for three-
story and basement frame apart-
ments.
Owner.....Mrs. Mattie Feeley, 1700

Sutter, San Francisco.
Architect...E. H. Denke, 1217 Hyde,
San Francisco.
Contractor...J. Eric Johanson, 2726 20th
San Francisco.

Filed July 14, '13. Dated July 10, '13.
Tough frame up.....\$2250
Enclosed and roof completed... 2250
1st coat plaster on..... 2250
Completed and accepted..... 3000
Usual 35 days..... 3000
TOTAL COST, \$12,000

Bond, \$6000. Sureties, Anna K. Johan-
son and Gus Erickson. Limit, 100
days. Forfeit, \$5. Plans and specifi-
cations filed.

(2582) NE POLK AND AUSTIN AVE
N 60x E 62-6. All work for two-story
frame stores and loft.
Owner.....The Wright Investment Co
Architect...J. E. Kraft & Son, Phelan
Bldg., San Francisco.

Contractor...Flaherty & Ogle.
Filed July 14, '13. Dated July 8, '13.
2nd floor laid, roof on and rough
sewering and piping finished...\$2500
Plastering done, concrete floors
laid and composition wainscoting
finished 1920
Completed and accepted..... 1920
Usual 35 days..... 2120
TOTAL COST, \$4660

Bond, \$4230. Sureties, Chas. A. Corillon
and P. P. Quinn. Limit, Sept. 20. For-
feit, \$15. Plans and specifications filed.

(2583) SE SUTTER AND JONES S 100
x E 72. Cast bases and steel frame
fire escapes, etc. for six-story and
basement apartments.
Owner.....Starr & Larson.
Architect...Frederick H. Meyer, Bank-
ers' Invest. Bldg., S. F.
Contractor...Central Iron Works, 651
Florida, San Francisco.

Filed July 14, '13. Dated June 30, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$20,250

Bond, \$10,125. Sureties, Natalie Olivette
and Andrew A. Devoto. Limit, 75 days.
Forfeit, none. Plans and specifications
filed.

(2584) NO. 208 THIRD AVE. Repair
and add two rooms to residence.
Owner.....W. L. McDonough, 207 3rd
Ave., San Francisco.
Architect...None.
Day's work. COST, \$450

(2585) SW GRANT AVE & UNION.
Enlarge entrance.
Owner.....Michale Nave, Premises.
Architect...None.
Contractor...California Carpenter Shop
Co., 1249 1/2 Grant Ave.,
San Francisco.
COST, \$100

(2586) NO. 2212 FILLMORE. Alter
front.
Owner.....A. Silverstein, 10 Hollis,
Architect...None.
Contractor...Wm. Chyne, 1304 Webster,
San Francisco.
COST, \$100

(2587) SW DEVISADERO & CALI-
fornia. Concrete floor.
Owner.....R. M. Brandenstein, 362
Mills Bldg., S. F.
Architect...None.
Day's work. COST, \$800

(2588) N O'FAIRRELL 300 E Powell.
Erect two electric signs.
Owner.....G. M. Anderson.

Architect...O'Brien & Werner, Fox-
Bldg., San Francisco.
Contractor...Federal Sign System
(Elec), 257-59 8th, S. F.
COST, \$650

(2589) NO. 503 DEVISADERO. Alter
store, new roof and front.
Owner.....A. E. McKay, Premises.
Architect...None.
Contractor...G. H. Ballard, 970 Oak,
San Francisco.
COST, \$800

(2590) NO. 325 EDINBURGH. Add two
rooms.
Owner.....Martin Brown, 320 Edin-
burgh, San Francisco.
Architect...Charles List, 9 Main, S. F.
Contractor...Richard Stranning, 336
Madrid, San Francisco.
COST, \$500

(2591) NO. 109 TURK. Alter front,
install toilet and sink.
Owner.....A. W. Wilson, Grand Hotel
San Francisco.
Architect...None.
Contractor...Al. Neill, 115 Turk, S. F.
COST, \$400

(2592) E LARKIN 137-6 N Jackson.
Three-story and basement frame (6)
apartments.
Owner.....W. M. Carey, 930 Chestnut,
San Francisco.
Architect...None.
Day's work. COST, \$7000

(2593) NW BUSH AND CHATHAM
Place. Electric light wiring, tele-
phone wiring and electric bell work
for building.
Owner.....The Roman Catholic Arch-
bishop of S. F.
Architect...P. Brouhaud.
Contractor...H. S. Tittle, 245 Minna,
San Francisco.

Filed July 15, '13. Dated July 9, '13.
On 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$1125
Bond, none. Limit, 150 days. Forfeit,
none. Specifications on'y filed.

(2594) S FILBERT 179-5 1/2 E Gough E
278S 137-6. All work except grading,
plumbing, painting, tinning and
chimneys for three-story and base-
ment frame building.

Owner.....V. and G. Rege, 1623
Powell, San Francisco.
Architect...C. O. Clausen, Phelan
Bldg., San Francisco.
Contractor...S. Montani & G. Stefanini,
1753 Greenwich, S. F.

Filed July 15, '13. Dated July 12, '13.
Frame up\$1770
Brown coated 1770
Completed and accepted..... 1770
Usual 35 days..... 1770
TOTAL COST, \$7080
Bond, \$3540. Sureties, N. Caparo and
G. Glust. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2595) SE O'FAIRRELL AND HOLLIS
25x90. Alterations and additions for
three-story and basement frame bldg
Owner.....J. A. Bergeret, 110 Sutter,
San Francisco.
Architect...Oliver Everett, 1940 Web-
ster, San Francisco.
Contractor...Peter Hansen.

Filed July 15, '13. Dated July 14, '13.
Ready for lathing.....\$1160
White coated 1160
Completed 1160

Usual 35 days..... 1169
TOTAL COST, \$4610
 Bond, \$2320. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days.
 Forfeit, \$5. Plans and specifications filed.

(2596) S CLEMENT 70 W 19th Ave W 25xS 100. All work except plumbing, moving, painting, concrete, gas and electric fixtures and shades for alterations and additions to make a two-story frame store and flat.
 Owner.....Hugo Langpaap, 1812 Clement, San Francisco.

Architect...None.
 Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
 Filed July 15, '13. Dated July 15, '13.
 Brown coated\$395
 Usual 35 days..... 500
TOTAL COST, \$1195
 Bond, none. Limit, 75 days. Forfeit, \$1. Plans and specifications filed.

(2597) W EMBARCADERO 229 N Mission 45-10x50. All work for three-story and basement Class "C" reinforced concrete building.
 Owner.....Pockwitz Rehmman Realty Co., 10 Embarcadero, S. F.
 Architect...Edw. A. Schumacher, Nevada Bank Bldg., S. F.
 Contractor...Jas. L. McLaughlin, 244 Kearny, San Francisco.

Filed July 16, '13. Dated July 14, '13.
 All bills for material and labor to be given to owner monthly, which owner is to pay.....
 Contractor's profit to be paid on completion.....
BUILDING NOT TO EXCEED \$24,500
 plus \$1000 for contractor.
 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(2598) S GROVE 202-6 W Cole W 25x S 137-6. All work except gas fixtures and shades for two-story and basement frame flats.
 Owner.....Mary Quinn, 2149 Grove, San Francisco.

Architect & Engineer...J. T. Carter & J. J. Foley, 46 Kearny, S. F.
 Contractor...H. P. Otten, 131 10th Ave., San Francisco.

Filed July 16, '13. Dated June 3, '13.
 Frame up\$750
 Enclosed and brown coated..... 750
 Completed and accepted..... 923
 Usual 35 days..... 923
TOTAL COST, \$3183
 Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(2599) NO. 172 CARL N side, bet Cole and Stanyan. All work for alterations and additions of a cottage into two flats.
 Owner.....Wm. Sargent.

Architect...J. W. Dolliver, Merchants National Bank Bldg., S. F.
 Contractor...J. J. Murray.
 Filed July 16, '13. Dated July 12, '13.
 Building raised and supported..... \$995
 Rough plastering done..... 995
 Completed and accepted..... 995
 Usual 35 days..... 1002
TOTAL COST, \$3987

Bond, none. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(2600) SE BROADWAY & BARTOL 40 x67-6. Excavating and grading.
 Owner.....H. Capurro.

Architect...Louis Mastropasqua, 580 Washington, S. F.
 Contractor...J. Blanchini & Co.

Filed July 16, '13. Dated July 12, '13.
 Building raised and supported..... \$995
 Rough plastering done..... 995
 Completed and accepted..... 995
 Usual 35 days..... 1002
TOTAL COST, \$3987

Bond, none. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(2600) SE BROADWAY & BARTOL 40 x67-6. Excavating and grading.
 Owner.....H. Capurro.

Architect...Louis Mastropasqua, 580 Washington, S. F.
 Contractor...J. Blanchini & Co.

Filed July 16, '13. Dated July 16, '13.
 Excavation completed and accepted\$437.50
 Usual 35 days..... 437.50
TOTAL COST, \$875.00

Bond, none. Limit, 125 days from issue of permit. Forfeit, none. Plans and specifications filed.

(2601) S TWENTIETH 60 W Kansas. One and one-half-story and basement frame dwelling.
 Owner.....E. Arnold, 790 Kansas, San Francisco.

Architect...None.
 Day's work..... COST, \$400

(2602) NO. 1259 FORTY-FOURTH AVE. Additions and repairs to residence.
 Owner.....Ernest E. Wormell, Prem.
 Architect...None.
 Day's work..... COST, \$400

(2603) E LONDON 225 S Excelsior. Two-story frame dwelling.
 Owner.....Fred Warden, 535 Laidley, San Francisco.

Architect...None.
 Day's work..... COST, \$2000

(2604) E ELEVENTH AVE 150 N Kirkham. One-story frame garage.
 Owner.....Austin Keohe, Care Sudden Christensen, 16th Street Wharf, San Francisco.

Architect...None.
 Contractor...Henry Liebert, 450 Duhoce Ave., Apt 7, S. F.
 COST, \$400

(2605) E THIRTEENTH AVE 250 S Irving. Two-story frame dwelling.
 Owner.....T. McCarthy, 670 Noe, S. F.
 Architect...None.
 Contractor...John E. McCarthy, 310 Anglo Bldg., S. F.
 COST, \$2750

(2606) N UNION 51 E Kearny 25x 87-6. All work except window shades, mantels and gas fixtures for three-story and basement frame flats
 Owner.....Jos. Anastasi, 392 Union, San Francisco.

Architect...None.
 Contractor...Frank Bonaccorso, 376 Moultrie, San Francisco.

Filed July 17, '13. Dated July 15, '13.
 Frame up\$1300
 Brown coated 1300
 Completed and accepted..... 1300
 Usual 35 days..... 1300
TOTAL COST, \$5200

Bond, none. Limit, 120 days after July 21. Forfeit, none. Plans and specifications filed.

(2607) W SCOTT 97-814 S Sacramento S 30xW 112-6. Sewerling, plumbing and gas fitting for two-story and basement frame flats.
 Owner.....Henry A. Jacobs, Monadnock Bldg., S. F.

Architect...Bernard J. Joseph, 1st National Bank Bldg., S. F.
 Contractor...Peterson-James Co., 710 Larkin, San Francisco.

Filed July 17, '13. Dated July 15, '13.
 Roughing in done.....\$350
 Completed 366
 Usual 35 days..... 616
TOTAL COST, \$966

Bond, \$500. Sureties, J. H. Wright and C. W. Morris. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2608) EXTERIOR AND INTERIOR lathing and plaster on above.

Contractor...Leaf & Kaiser, 110 Jessie. Filed July 17, '13. Dated July 15, '13. San Francisco.

Brown coated on exterior and interior\$335
 Completed and accepted..... 400
 Usual 35 days..... 250
TOTAL COST, \$985

Bond, \$50. Sureties, A. Knowles and J. S. Chamberlain. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2609) CONCRETE, & ARTIFICIAL stone, brick, iron, vermin and fire protection, carpenter, hardware, glass, hardwood floors, roofing, tin and galvanized iron on above.

Contractor...J. W. Cobhy, 110 Jessie, San Francisco.

Filed July 17, '13. Dated July 15, '13.
 Walls and roof sheathed.....\$1000
 Ready for lathing and tin work and chimneys done..... 1750
 Completed and accepted..... 2725
 Usual 35 days..... 1825
TOTAL COST, \$7300

Bond, \$3650. Sureties, A. T. Spence and Jos. J. Phillip. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2610) S CLEMENT 50 W 20th Ave W 25xS 100. Cement, brick, carpenter, mill, stair, plaster, plumbing, painting, wiring, roofing, glazing, tiling and marble work for two-story frame flats.

Owner.....Chas. F. Johnson, 2309 Clement, San Francisco.
 Architect...Plans by Contractor.
 Contractor...Geo. F. Cleese, 524 21th Ave., San Francisco.

Filed July 17, '13. Dated July 17, '13.
 Frame up\$827
 Brown coated 837
 Completed 837
 Usual 35 days..... 837
TOTAL COST, \$3350

Bond, none. Limit, Nov. 1, 1913. Forfeit, none. Plans and specifications filed.

(2611) NW NOREIGA AND GREAT (Highway E 192-S N 100 S 50 W 95-2 1/2 S 50-6 1/2). Plumbing for two-story frame residence.

Owner.....G. P. Sportorno, California Market, San Francisco.
 Architect...O. R. Thayer, Merchants' National Bank Bldg., S. F.

Contractor...F. E. Kara, 564 Bartlett, San Francisco.

Filed July 17, '13. Dated July 15, '13.
 Roughing in work done.....\$238
 Completed 238
 Usual 35 days..... 161
TOTAL COST, \$637

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2612) S SUTTER 175 W Larkin. Underpin wall.
 Owner...Minnie A. Reeve, 370 Bush, San Francisco.

Architect...None.
 Contractor...J. A. Carr, 180 Jessie, San Francisco.

Filed July 17, '13. Dated July 15, '13.
 Roughing in work done.....\$238
 Completed 238
 Usual 35 days..... 161
TOTAL COST, \$637

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2613) N VALLEJO 40 W Laguna. Two-story, basement and attic frame residence.

Owner.....R. B. Murdock, Merchants' National Bank Bldg., S. F.
 Architect...D. C. Coleman, Merchants' National Bank Bldg., S. F.

Contractor...M. Flisher, 105 Montgomery, San Francisco.

Filed July 17, '13. Dated July 15, '13.
 Roughing in done.....\$350
 Completed 366
 Usual 35 days..... 616
TOTAL COST, \$966

Bond, \$500. Sureties, J. H. Wright and C. W. Morris. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2608) EXTERIOR AND INTERIOR lathing and plaster on above.

Contractor...Leaf & Kaiser, 110 Jessie. Filed July 17, '13. Dated July 15, '13. San Francisco.

Brown coated on exterior and interior\$335
 Completed and accepted..... 400
 Usual 35 days..... 250
TOTAL COST, \$985

Bond, \$50. Sureties, A. Knowles and J. S. Chamberlain. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2609) CONCRETE, & ARTIFICIAL stone, brick, iron, vermin and fire protection, carpenter, hardware, glass, hardwood floors, roofing, tin and galvanized iron on above.

Contractor...J. W. Cobhy, 110 Jessie, San Francisco.

COST, \$14,000

(2614) E TWENTY-THIRD AVE 100
N Kirkham. One-story and base-
ment frame dwelling.
Owner.....P. Koenig, 1401 22nd Ave.,
San Francisco.
Architect...None.
Contractor...Peter M. Leonard, 1247
45th Ave. San Francisco.
COST, \$1750

(2615) SW CLAY AND DAVIS. Two-
story and basement concrete com-
mercial building.
Owner.....Mrs. Clara Deming, 5525
McAllister, San Francisco.
Architect...Industrial Eng. Co., Clinie
Bldg., San Francisco.
Contractor...Wilson & Christensen,
Hearst Bldg., S. F.
COST, \$15,500

(2616) N FLOOD 200 W Detroit. One
story and basement frame dwelling.
Owner.....C. F. Jensen, 1385 13th
Ave., San Francisco.
Architect...None.
Contractor...J. Bredehoff, 2017 Wool-
sey, San Francisco.
COST, \$1500

(2617) NO. 316 FULTON. Concrete
floor, and area wall.
Owner.....J. C. Clemens, Premises.
Architect...None.
Contractor...Stockholm & Allyn, Mo-
nadnock Bldg., S. F.
COST, \$1900

(2618) N CLEMENT 52-6 W 23rd Ave.
Two-story frame store and flat.
Owner.....W. B. Hocking, 2214 Cle-
ment, San Francisco.
Architect...None.
Contractor...Thos. Hamill, 268 25th
Ave., San Francisco.
COST, \$3500

(2619) S CARSON 180 W Douglass.
One and one-half-story and base-
ment frame dwelling.
Owner.....S. N. Pollard, 28 Carson,
San Francisco.
Architect...None.
Contractor...J. T. Grace, 1012 Rhoue
Island, San Francisco.
COST, \$1200

(2620) NO. 70 OAK. Underpin brick
building.
Owner.....J. Carrick, San Mateo, Cal.
Architect...None.
Contractor...C. I. Allen, 180 Jessie,
San Francisco.
COST, \$2400

(2621) W TENTH AVE 375 58 Irving.
General alterations and changes to
nickelodeon, store and hall.
Owner.....Forester's Hall Ass'n, Care
Architect.
Architect...Theo. W. Lenzon, 709
Humboldt Bk Bldg., S. F.
Contractor...J. Orrl, 2023 22nd and F.
Marschalek, 172 14th, S. F.
COST, \$6300

(2622) W POWELL 40 N Jackson.
Two-story and basement frame
church and parsonage.
Owner.....Bathel A. M. E. Church.
Architect...None.
Contractor...J. H. Hjul, Merchants' Ex-
change Bldg., S. F.
COST, \$10,000

(2623) N O'FARRELL 137-6 E Powell
Reinforced concrete and steel frame
theatre.

Owner.....G. M. Anderson, 68 Post,
San Francisco.
Architect...O'Brien & Werner, 68 Post
San Francisco.
Contractor...James McLaughlin, 344
Kearny, San Francisco.
COST, \$125,000

(2624) N JAMESTOWN 100 E Jen-
nings 50x100. All work except con-
crete, painting, finish hardware, gas
fixtures and window shades for one-
story frame cottage.
Owner.....Carlo and Geromina Arblin
1067 Jamestown, S. F.
Architect...None.
Contractor...T. Sciochetti, 3315 Jen-
nings, San Francisco.

Filed July 18, '13. Dated July 16, '13.
Frame up\$362 50
Brown coated 362 50
Completed and accepted..... 362 50
Usual 35 days..... 362 50
TOTAL COST, \$1450 00
Bond, none. Limit, 60 days after July
17. Forfeit, none. Plans and specifi-
cations filed.

(2625) E TWENTY-THIRD AVE 125
N California N 25x E 120. All work
for two-story and basement frame
residence.
Owner.....Margt. Mountford.
Architect...Martin A. Schmidlin, Lick
Bldg., San Francisco.
Contractor...Wm. F. Yates, Lick Bldg.,
San Francisco.

Filed July 18, '13. Dated July 17, '13.
Frame up ready for roof.....\$ 900
Completed and accepted..... 2250
Usual 35 days..... 1050
TOTAL COST, \$1200
Bond, none. Limit, 90 days Forfeit,
none. Plans and specifications filed.

(2626) N CLEMENT 57-6 W 23rd Ave
W 25xN 100. All work except plumb-
ing, brick work, patent chimneys,
sheet metal, shades and chandeliers
for two-story frame store and flat.
Owner.....Wm. Benn Hocking, 2214
Clement, San Francisco.
Architect...None.
Contractor...Thos. Hamill, 268 25th
Ave., San Francisco.

Filed July 18, '13. Dated July 16, '13.
Frame up and roof on.....\$700
Brown coated 700
Completed and accepted..... 700
Usual 35 days..... 700
TOTAL COST, \$2800
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(2627) NE EIGHTEENTH AND MIS-
sissippi N 25x E 100. All work for
two-story and basement frame store
and flat.
Owner.....Jos. and Lilah Cole, 100
Mississippi, S. F.
Architect...None.
Contractor...Herman H. Bergfeld, 496
Utah, San Francisco.

Filed July 18, '13. Dated July 18, '13.
Frame up and rustic on.....\$1075
Brown coated 1075
Completed and accepted..... 1075
Usual 35 days..... 1075
TOTAL COST, \$4200
Bond, \$2150. Surety, Massachusetts
Bonding & Insurance Co. Limit, 75
days. Forfeit, none. Plans and specifi-
cations filed.

(2628) E SECOND AVE 250 N Anza N
25x E 120. All work for one-story
and basement frame cottage.

Owner.....Chas. S. Boyen, 460 2nd
Ave., San Francisco.
Architect...None.
Contractor...Jno. V. Stiefel, 632 Anza,
San Francisco.

Filed July 18, '13. Dated
Frame up\$700
Brown coated 700
Building finished 700
Usual 35 days..... 700
TOTAL COST, \$2800
Bond, limit, forfeit, none. Plans and
specifications filed.

(2629) N GREEN 193-3 1/2 W Jones W
45xN 120. Rough and finish carpen-
ter work, rough hardware, etc., for
an apartment building.
Owner.....The Geo. A. Bos Co., Crocker
er Bldg., San Francisco.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...W. A. Goerleke, Postal Tel.
Bldg., San Francisco.

Filed July 18, '13. Dated July 17, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5550
Bond, \$2775. Surety, Equitable Surety
Co. Limit, Oct. 15, '13. Forfeit, none.
Plans and specifications filed.

(2630) MILL WORK ON ABOVE.
Contractor...Herrings Mills, Inc., 559
Brannan, San Francisco.

Filed July 18, '13. Dated July 17, '13.
Payments same as above.....
TOTAL COST, \$2100
Bond, \$1050. Sureties, J. W. Cobby and
Jas. A. Wilson. Limit, Sept. 15 Forfeit,
none. Plans and specifications filed.

(2631) S SUTTER 163-6 W Webster V
26xS 137-6. All work except grading
for three-story and basement frame
apartments.
Owner.....Mrs. Mattie Feeley, 1700
Sutter, San Francisco.
Architect...E. H. Denke, 1317 Hyde,
San Francisco.

Contractor...J. Eric Johanson, 2726
26th, San Francisco.
Filed July 18, '13. Dated July 18, '13.
Rough frame up.....\$2212
Enclosed and roof on..... 2212
1st coat plaster on..... 2212
Completed and accepted..... 2212
Usual 35 days..... 2212
TOTAL COST, \$11,800
Bond, \$5900. Sureties, Ann J. Johanson
and Gust. Erikson. Limit, 100 days.
Forfeit, \$5. Plans and specifications
filed.

(2632) SW AND NW SIDES OF SEA-
wall, Lot 22 bded by East St. on E;
Fremont on NE; Brannan on NW and
First on SW. Excavating and pave
with basalt block and standard as-
phalt pavement side walk area.
Owner.....Western Pacific Railway
Co., Mills Bldg., S. F.
Architect...None.
Contractor...E. H. Sundberg.
Filed July 18, '13. Dated July 11, '13.
Payment on completion of..... 75%
36 days after..... 25%
21 cents per sq. ft. for basalt and 24
cents per sq. ft. for asphalt.
Bond, \$1800. Surety, National Surety
Co. Limit, 20 days. Forfeit, none.
Plans and specifications filed.

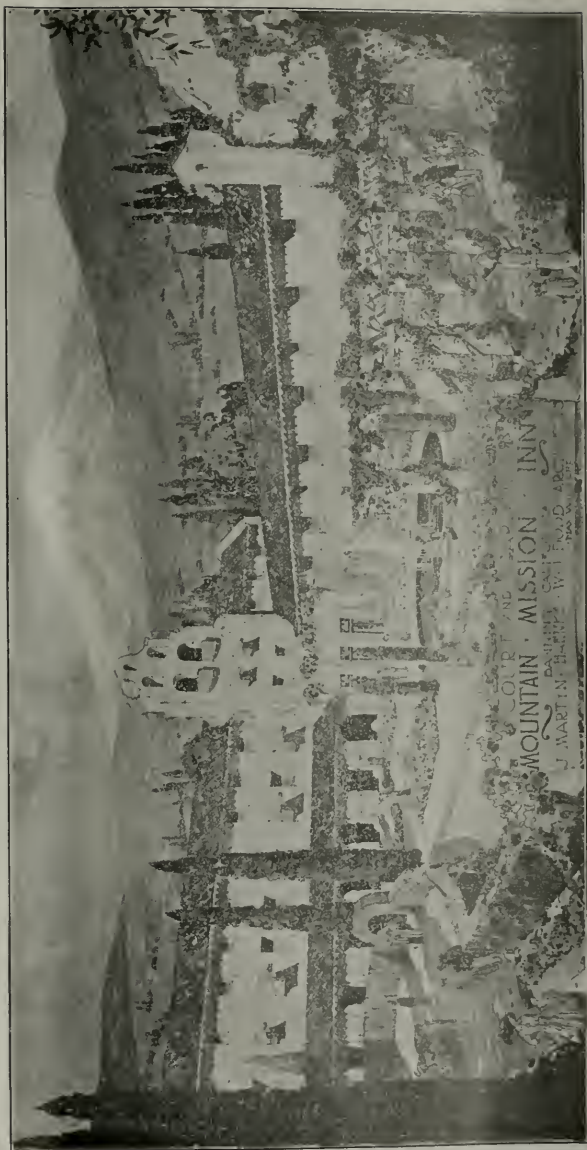
(2633) E TWENTY-FIRST AVE 79 S
Lake S 25x E 82-6 OL 91. All work
for two-story frame residence.
Owner.....Jeanette Yates.
Architect...None.



GENERAL SCHEME FOR PROPOSED MOUNTAIN MISSION INN

Banning, Rivers'de County, Cal.

J. Martyn Haenke & W. J. Dodd, Architects
Los Angeles, Ca'.



COURT AND GARDENS OF PROPOSED MOUNTAIN MISSION INN

Banning, Riverside County, Cal.

J. Martyn Haenke & W. J. Dodd, Architects
Los Angeles, Cal.

Contractor...Wm. F. Yates, Lick Bldg., San Francisco
 Filed July 19, '13. Dated July 19, '13.
 Frame up \$1100
 White coated 1100
 Completed and accepted..... 1200
 Usual 35 days..... 1100
TOTAL COST, \$1500

Bond, none. Limit, 90 days after July 14. Forfeited, plans and specifications, none.

(2634) SW PINE AND TAYLOR S 137-6 m or 1 x W 137-6 m or 1. Install reinforced concrete retaining wall along south line of lot and remove 7 ft. of brick wall in rear of Bella Vista Apartment House.

Owner.....Madge H. Fish.
 ArchitectChas. Wright.
 Contractor...Chas Wright, 25 Stockton, San Francisco.

Filed July 19, '13. Dated July 18, '13.
 On completion \$1650
TOTAL COST, \$1650

Bond, none. Limit, 20 days. Forfeited, plans and specifications, none.

(2635) SW BRODERICK & HAYES W 96-10xS 25. All work for two-story frame flats.

Owner.....Ferdinand Klopfer, 461 Broderick, San Francisco.
 Architect ...David C. Coleman, Merchants National Bank Bldg San Francisco.
 Contractor...Mager Bros., 110 Jessie, San Francisco.

Filed July 19, '13. Dated July 15, '13.
 Frame up and rustic on.....\$1225
 White plaster on..... 1225
 Completed and accepted..... 1225
 36 days after..... 1225
TOTAL COST, \$4900

Bond, \$2450. Sureties, Severtn and Geran Mager. Limit, 70 days. Forfeited, \$5. Plans and specifications filed.

(2636) SE BALBOA AVE AND OCEAN Boulevard 50 on Balhoa x 100. Grading, carpenter, lumber, mill, terrazzo, brick, roofing, glass, glazing, sheet metal and sky lights for one-story frame building.

Owner.....Jas. Raggett, 2198 Fell, San Francisco.
 Architect ...Chas. Paff & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...Robert Dewar & Son, 180 Jessie, San Francisco.

Filed July 19, '13. Dated July 17, '13.
 Roof on \$1831
 Completed and accepted..... 1831
 Usual 35 days..... 1231
TOTAL COST, \$4893

Bond, \$2442. Sureties, H. J. Ralston and — Wilhelm. Limit, 29 days after July 21. Forfeited, \$10. Plans and specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO.

July 12, 1913—NW MISSION 125 SW Francis SW 25xNW 100, Lot 6, Female Academy Tract. Francis P. and Mary C. Dunning to William F. Dreyer July 11, 1913
 July 12, 1913—N ASHBURY TERRACE 53.78 W Congress W 30.04xN 93, Lot 26 Ashbury Terrace, Lyon & Hoag's Sub. William W Rednall to whom it may concern.....July 11, 1913
 July 12, 1913—N ASHBURY TERRACE 83.82 W Congress W 30.04xN 94, Lot 26 Ashbury Terrace, Lyon &

Hoag's Sub. Wm W Rednall to whom it may concern.....July 11, 1913
 July 12, 1913—E BRODERICK 120 N Golden Gate Ave N 17-6x E 65. Dalsey M Peterson to A Klahn & Son.....July 11, 1913
 July 12, 1913—BDED E BY BUCHANAN, N by U. S. Government Bulkhead line, W by Webster, S by N line of Jefferson. Panama-Pacific International Exposition Co to Judson Mfg Co.....July 9, 1913
 July 12, 1913—N GREEN 86-6 E Baker E 26 N 112-6 W 25 S 25 W 1 S 87-6. Robina R Slack to L M ZimmermanJuly 10, 1913
 July 14, 1913—E DOLORES 76-6 N 20th 37-6x105. G Bruns to A Dahlberg & F Klimm.....July 9, 1913
 July 14, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear 107-6 extending E and W sides 137-6. The Insurance Exchange to Yale & Towne Mfg Co.....July 10, 1913

July 14, 1913—N GEARY 109 E Van Ness Ave N 120x E 29. Gustave Lachman to J Witzelsberger..... July 8, 1913

July 15, 1913—S BUSH 107-6 W Montgomery W 30 S 103-1½ E 60 N 34-4½ W 30 N 68-9. Barbara Suter to Ruegg Bros.....July 7, 1913

July 15, 1913—W FOUT AVE 83.2 S Clarendon Ave S 25xW 100; Lot 3 Blk "A" Ashbury Park Tct. Theo Gibson to whom it may concern..... July 14, 1913

July 15, 1913—SW POWELL & POST W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57. Crocker Hotel Co to Milliken Bros, Inc.....July 10, 1913

July 15, 1913—LOT 8 BLK 24 Crocker Amazon-Tract. Geo E Farewell to Gust Carlson.....July 11, 1913

July 15, 1913—NE BEALE 57-6 NW Howard NW 40xNE 45-10. H A Welchhart et al to F O and August Sjorgen, July 15; J F Barrett and H H Hilp Jr.....July 15, 1913

July 15, 1913—NW BUSH & SANSOME N 137-6xW 67-6 S 137-6 E 67-6. Standard Oil Co to H Maundrell.....July 11, 1913

July 15, 1913—NW BUSH & SANSOME N 137-6xW 67-6. Standard Oil Co to John G Sutton Co.....July 10, 1913

July 15, 1913—W WORTH 144 N 22nd N 24x125. John Bjorkman to whom it may concern..... July 14, 1913

July 14, 1913—N BUSH 83-6 E Jones. E L Heuter to H Maundrell, July 10
 J E O'Mara.....July 8, 1913

July 13, 1913—SE MARKET AND Ecker. Crocker Estate Co to Burnham Plumbing Co.....July 11, 1913

July 15, 1913—BLK BDED BY ARMY, Valencia, Duncan and San Jose Ave. St. Luke's Hospital to Thos Day Co.....July 11, 1913

July 15, 1913—NW TENTH AVE AND Cabrillo 28-6x83-3. David Condon to David Condon.....July 15, 1913

July 15, 1913—E SIXTH AVE 50 S Anza (A) S 25xE 95. Emma E Carlyle to whom it may concern..... July 10, 1913

July 16, 1913—NE VAN NESS AVE & Geary N 120xE 109. Chas L Tilden to C C Morehouse, Olney & Palmer Lithoids Products Co, Morrison & Co, Otis Elev Co, Chas Peterson, Peterson, Rupp & Co.....July 16, 1913

July 16, 1913—N SUTTER 122-9 W Sansome W 122-3xN 137-6. Chas Holbrook to Boscus Bros.....July 15, '13

July 16, 1913—W TAYLOR 48 N Pacific 32x68-6. Rosa De Panli to

J Devencenzi Bros & Co.....July 16, 1913
 July 15, 1913—W FILLMORE, bet Pixley and Greenwich. Karl Maier to William Linden.....July 14, 1913
 July 16, 1913—W FORTY-SIXTH AV 125 N Fulton. Daniel Rimplinger to W H Martin.....July 15, 1913

July 16, 1913—S JUDAH (J) 182 E 5th Ave E 25xS 100. Oscar T and Fannie A Berquist to whom it may concern.....July 15, 1913

July 16, 1913—NW BUSH & SANSOME N 137-6xW 67-6. Standard Oil Co to Monarch Metal Mfg Co.....July 9, '13
 July 16, 1913—S JACKSON 206-3 W Leavenworth W 34-4½xS 137-6. Julia Harris to John Malloch..... July 14, 1913

July 17, 1913—W WAYNE PLACE 62-6 N Pacific 25x56. Henri Dalmont to J B Fene.....July 15, 1913

July 17, 1913—COMG. PT 30 W from NW Sansome and Gold N 128-9 W 59-2½ S 128-9 E 59-2½. Pacific Coast Syrup Co to Bluxome & Co.....July 16, 1913

July 17, 1913—N BROADWAY 65 W Broderick W 60xN 137-6. Samuel H Boardman to Henry Kern..... July 12, 1913

July 18, 1913—S SUTTER 62-6 E Hyde E 35xS 87-6. D M Richards Realty Co to Otis Elev Co.....July 14, '13

July 18, 1913—W EMBARCADERO 137-6 S Howard S 45-10xW 137-6. Jos Magner to Theo S Hohn..... July 9, 1913

July 18, 1913—NE CHESTNUT AND Fillmore N 2400 W 2900 S 2400 E 2900 m or 1. Panama-Pacific International Exposition Co to Frank Lehner.....July 16, 1913

July 18, 1913—N PERSIA AVE 83-6 E Mission E 25xN 100. James and Amanda Beasley to Leon Francard.....July 14, 1913

July 18, 1913—N McALLISTER 137-6 E Buchanan E 30xN 120. Charles Katz to whom it may concern.....July 14, 1913

July 18, 1913—NW SACRAMENTO & Powell N 52xW 91-6 50 V BLK 162. Clay M. William and Frances M Greene and Ursula Greene Sawyer to Butte Eng & Elec Co.....July 9, 1913

July 18, 1913—S SUTTER 137-6 E Polk S 120xE 27-6. D Samuels Realty Co to J D Hannah..... July 15, 1913

July 18, 1913—E NINETEENTH AVE 200 N Anza N 25xE 120. Edgar H Montell to whom it may concern.....July 17, 1913

LIENS FILED.

San Francisco.

July 11, 1913—N EDDY 68-9 E Mason E 68-9 N 89-6 E 75 N 96 W 75 S 10-6 W 63-9 S 175. Henry Cowell Lime & Cement Co, \$3211.90; Santa Cruz Portland Cement Co, \$322.90; E B McNear (as McNear Brick Agency) \$1101.70 vs Ernestine and W J Leahy and J B Duggan & Ward.
 July 15, 1913—W BAKER 72 S Union S 27-6xW 100. J H Kruse vs Ida M Flaia and J B Burchell.....\$250.35
 July 16, 1913—E STEUART 75 S Mission S 50xE 140. L V Roberts vs W J Yore and J B Duggan.....\$349
 July 17, 1913—LOT 134 De Martin Tract. R L Tiernan and A V Rerolin vs D Jordan, D Suter and Daniel Suter \$405.48

OAKLAND AND ALAMEDA

BUNGALOW—1 story and base frame. Cost not stated. Oakland, Cal. Architect, F. D. Voorhees, Central Bldg., Oakland. Owner, Fred W. Diehl. The house has been designed to contain six rooms and bath. Interior will be finished in pine with some hardwood. Hardwood floors will be used in the living room, dining room and den. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, V. S. Kidd. This work has been mentioned here before. Plans are now complete and figures are being taken. The dwelling has been designed to contain eight rooms and bath. Interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. \$1,000. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegass Ave., Berkeley. Owner, Dudley Braid. The dwelling will be erected on Prospect street near Dwight Way, and has been designed to contain eight room, bath and sleeping porch. Interior will be finished in pine, redwood and some hardwoods. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the living room, dining room, den and reception hall. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. \$1,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Knizht. This house will be erected in the Northbrae Tract, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and out for figures.

RESIDENCE—2 story and base, frame. \$3,500. Oakland, Cal. Architect, none. Owner, Edward Larmer, 621 Poirier Ave., Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places.

Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame. \$3,000. Oakland, Cal. Architect, none. Owner, W. E. Bond, 4151 Randolph Ave., Oakland. The house has been designed for a seven-room dwelling with bath, and will be erected on west 13th avenue. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

RESIDENCE—2 story and base, frame. \$4,000. Oakland, Cal. Architect, none. Owner, L. Asuma, 755 60th St., Oakland. The house will be erected on Ocean View Drive, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

BUNGALOW—1 story and base, frame. \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck Ave., Berkeley. The house will be erected on Amador near Mariposa street, and has been designed to contain seven rooms and bath. Interior finish will be of pine with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick and tile mantel. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—4 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will contain in the neighborhood of 100 rooms, which will be arranged in suites of from two to four rooms. All apartments will have private baths and will be equipped with wall beds. Interior finish will be of pine and hardwood. Hardwood floors will be used in some of the rooms. Bath rooms will be finished in cement plaster and tile. There will be steam heat and elevator service. Exterior of the building will be covered with rustic shiplap and brick veneer. Plans are nearly complete and figures will be called for shortly.

HATS—2 story and base, frame. \$3,000. Berkeley, Alameda Co., Cal. Architect, N. W. Shaw, 3073 Bateman St., Berkeley. Owner, Arthur Frey.

The building will contain two flats of five and six rooms and bath. Interior finish will be of pine with hardwood floors. Bath rooms will have cement plaster wainscot. There will be a large open fire place with brick mantel in each living room. Exterior of the building will be covered with cement plaster and rustic. Plans are complete and figures are now being taken.

FRAT HOUSE—3 story and base, frame. \$20,000. Berkeley, Alameda Co., Cal. Architect, William C. Hays, Foxcroft Bldg., S. F. Owners, Alpha Tau Omega Fraternity. The building will contain social rooms, dining room, kitchen and library on the first floor. Upper floors will be arranged for a number of sleeping apartments and baths. Interior finish will be of pine and redwood with hardwood floors. There will be a central heating system and open fire places. Bath rooms will be equipped with showers and will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

CONVENT—3 story and base, frame. \$35,000. Berkeley, Alameda Co., Cal. Architect, John J. Foley, 46 Kearny St., S. F. Owners, St. Joseph's Convent. This work was mentioned here sometime ago when the architect was first commissioned to prepare plans. The building will contain a number of art studios and music room besides the chapel and dormitories. Interior finish will be of pine and redwood. Steam heat will be installed. The building covers a large ground area. Exterior will be covered with shiplap and sanded. Plans are complete and figures are now being taken by the architect.

SCHOOL—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, City Architect J. J. Donovan. Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for a small frame school building, which is to be erected on San Pablo avenue at 62nd street have been completed and are now out for bids. Interior finish will be of pine with some maple doors. Exterior will be covered with rustic and shiplap. Bids will be opened by the Board of Education on July 24th. Plans and specifications can be secured from the architect. Bids are also being taken by the Board of Education for four portable schools of frame construction and for a temporary frame addition to the Swett School at 12th avenue and East 20th street. Plans for this work can be secured from Architect Donovan's office.

STORES—1 story and base, brick and steel. \$17,000. Oakland, Cal. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Joseph King. The building will be erected on Webster street and will cover a large area. Plans provide for six stores. Interiors will be finished in pine and hardwood. There will be large display windows and patent store fronts. Exterior of the building will be faced with pressed brick. Considerable marble and tile will be used. Plans are complete and figures are being taken.

Contracts Awarded.

CAMPANILE—Class A construction. \$50,000. Berkeley, Alameda Co., Cal. Architect, John Galen Howard, 602 Mission St., S. F. Owners, University of California. The Regents of the University of California have awarded

the following contracts for the construction of the Sather Campanile, which is to be erected on the University grounds at Berkeley: Elevator work to Otis Elevator Co. for \$3,900; excavating and concrete work to Clinton Fireproofing Co. for \$41,000; granite work to Raymond Granite Co. for \$76,500; marble work to McGilvray Stone Co. for \$3,355; structural steel work to California Construction Co. for \$43,000. The contract for the ornamental metal work has not been awarded, but will be within the next three or four days.

Award Contracts O. U. C. Campanile.

Regents Award all Work Except Ornamental Metal Work for the Sather Campanile at Berkeley.

Regents of the University of California have awarded the following contracts for the construction of the Sather Campanile, which is to be erected on the University Grounds at Berkeley. Plans for the campanile were prepared by Architect John Galen Howard.

Contracts Awarded.

Elevator work to Otis Elevator Co., \$3,900.
Excavating and concrete work to Clinton Fireproofing Co., \$41,400.
Granite work to Raymond Granite Co., \$72,500.
Marble work, McGilvray Stone Co., \$3,355.
Structural steel work, California Constr. Co., \$43,000.
Contract for the ornamental metal work has not been awarded, but will be within the next three or four days.

Building Contracts.

Oakland.

No.	Owner	Contractor	Amt.
2115	Gordon	Thomson	450
2116	Melshed	Lorenzen	400
2117	Richardson	Thomson	400
2118	Berkovitch	Inter Cities	400
2119	Phillips	Enos	400
2120	Caldwell	Caldwell	400
2121	Licht	Rubenstien	400
2122	Norris	Norris	2000
2123	United Bldrs	Owner	1800
2124	Asumaa	Asumaa	4000
2125	Castellazzo	Chaffin	1500
2126	McWilliams	Higgins	1365
2129	Howard	Peterson	2964
2130	Streit	McKibben	1525
2131	Same	Judson	9725
2132	Same	Bartram	2290
2107	Chirone	Rainier	1500
2111	Frank	Laurwill	400
2112	Larmer	Larmer	3500
2115	Nunes	Nunes	2500
2133	Bixby	Bixby	1900
2134	Kusnick	Kusnick	1800
2135	Casserly	Hambleton	2965
2137	Alert	Alert	2100
2138	Penn	Penn	2000
2139	Piperis	Berwin	525
2140	Roberts	Roberts	1400
2141	nonfetz	Stewart	2316
2143	Thomson	Wm In	2360
2144	Pendleton	Bullock	2500
2119	Marcuse	Jarnett	1000
2150	Murphy	Murphy	2200
2146	Frube	Dahl	400
2152	State Svcs Bank	Rice	400
2153	Walworth	Walworth	1000
2154	Haynes	Houle	2000
2156	Gold	Loring	1500
2157	St. Mary	St. Mary	1150
2160	Schennec	Florio	15630
2161	Miller	Stockholm	21589
2163	McGuiness	Langtry	400
2164	Daine	Daine	1200
2165	Lundberg	Lundberg	2000
2166	Neary	Neary	2500

2167	Benner	Griffin	800
2168	Levy	Henderson	800
2169	Anderson	Cederborg	3000
2170	Oakland	Christensen	3192
2171	Adams	Penny	45000

(2115) NO. 1730 SAN PABLO, Oakland.

Alterations.
Owner.....M. Gordon, Premises.
Architect...None.
Contractor...Alex Thomson, 2766 Grove, Oakland.
COST, \$450

(2116) STANFORD AVE 75 W Marshall, Oakland. Repairs.

Owner.....Melshed, 849 Kearny, San Francisco.
Architect...None.
Contractor...N. Lorenzer, 6645 Fremont, Oakland.
COST, \$400

(2117) NO. 1447 BROADWAY, Oakland.

Alterations.
Owner.....Richardson Shoe Co., Prem.
Architect...None.
Contractor...Alex. Thomson, 2766 Grove, Oakland.
COST, \$400

(2118) NW SEVENTH AND BRUSH, Oakland. Repairs.

Owner.....B. Berkovitch, 12th and Broadway, Oakland.
Architect...None.
Contractor...Inter Cities Home Bldrs., 1764 Broadway, Oakland.
COST, \$400

(2119) NO. 357 CENTER, Oakland.

New foundation.
Owner.....B. D. Phillips, Foot Perkins street, Oakland.
Architect...None.
Contractor...J. Enos, 4900 Fairfax Ave., Oakland.
COST, \$400

(2120) NO. 2143 HARRISON BLVD., Oakland. Alterations.

Owner.....Geo. Caldwell, Premises.
Architect...None.
Day's work.
COST, \$400

(2121) NW SECOND AND HARRISON, Oakland. Alterations.

Owner.....M. Licht, 1107 Center, Okd.
Architect...None.
Contractor...K. Rubenstein, 668 Grove, Oakland.
COST, \$400

(2122) E 99TH AVE 127 S E-14th, Oakland. One-story 5-room dwlg.

Owner.....L. Norris, 2936 Telegraph Ave., Oakland.
Architect...None.
Contractor...J. Norris, 2936 Telegraph Ave., Oakland.
COST, \$2000

(2123) W MONTE CLAIR AVE 120 S Brooklyn Ave., Oakland. One-story five-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.
Day's work.
COST, \$1800

(2124) S OCEAN VIEW DRIVE 661 E College Ave., Oakland. Two-story 8-room dwelling.

Owner.....L. Asumaa, 755 60th, Okd.
Architect...None.
Day's work.
COST, \$4000

(2127) E REDWOOD ROAD opp. Morosco Place, Oakland. One-story five-room dwelling.

Owner.....L. Castellazzo, Upper Redwood Road, Fruitvale.
Architect...None.
Contractor...J. E. Chaffin, 5737 Magee Ave., Oakland.
COST, \$1500

(2128) SW FORTY-FIRST AVE AND Boulevard, Oakland. One-story store.

Owner.....F. G. McWilliams.
Archite t...None.
Contractor...W. H. Higgins 2477 94th Ave., Oakland.
COST, \$1365

(2129) SW MARKET AND FIRST, Oakland. All work except vault doors, brick for vault, heating apparatus, telephone wiring, finish hardware and lighting fixtures for one-story frame office building.

Owner.....Howard Co., Premises.
Architect...Frederick Soderberg, Union Savings Bank Bldg., Oakland.
Contractor...Alfred Peterson, Okd.
Filed July 15, '13. Dated July 11, '13.
Frame sheathed and vault built. \$741
Roofing and 1st coat plaster an. 741
Completed and accepted..... 741
Usual 35 days..... 741
TOTAL COST, \$2964
Bond, none. Limit, 60 days. Forfeit, \$3. Plans and specifications filed.

(2130) NE ELEVENTH & FRANKLIN E 100XN 37.5. Concrete work for six-story and basement brick and steel hotel.

Owner.....Mrs. Barbara Streit, Okd.
Architect...Wm. Wilde, Albany Block, Oakland.
Contractor...Herbert D. McKibben, 2125 Shattuck Ave., Berkeley.
Filed July 15, '13. Dated June 24, '13.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1523
Bond, \$800. Sureties, S. J. Taylor and Geo. Trublood, Limit, 30 days. Forfeit, \$3. Plans and specifications filed.

(2131) STRUCTURAL STEEL WORK on above.

Contractor...Judson Mfg. Co., \$19 Folsom, San Francisco.
Filed July 15, '13. Dated June 26, '13.
Payments same as above.....
TOTAL COST, \$3725
Bond, \$5000. Sureties, George S. Scovel and Joseph Eastwood, Limit, 60 days. Forfeit, \$10. Bonus, \$10. Plans and specifications filed.

(2132) EXCAVATION WORK ON above.

Contractor...R. W. Bartram.
Filed July 15, '13. Dated June 23, '13.
Each Saturday 75%
Usual 35 days..... 25%
TOTAL COST, \$2290
Bond, none. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(2107) N FORTY-THIRD 186 W West, Oakland. One-story 4-room dwlg.

Owner.....Louis Chirone, 2106 Union, San Francisco.
Architect...None.
Day's work.
COST, \$1500

(2111) NO. 334 THIRTY-THIRD AVE., Oakland. Repairs and erect shed.

Owner.....J. N. Frank.
Architect...None.
Contractor...E. C. Laurwill.
COST, \$400

(2112) N BOULEVARD WAY 100 E
Grand Ave., Oakland. Two-story 7-
room dwelling.
Owner.....Ed. Larmer, 631 Poirier,
Oakland.
Architect...None.
Day's work COST, \$3500

(2113) W HILLEGASS 135 S 61st,
Oakland. Two-story 6-room dwlg.
Owner.....Geo. W. Nunes, 3616 West,
Oakland.
Architect...None.
Day's work COST, \$2500

(2123) E 105TH AVE 180 S Graffian,
Oakland. One and one-half-story 5-
room dwelling.
Owner.....F. L. Bixby, Premises.
Architect...None.
Day's work COST, \$1900

(2134) S PEPPIN 120 W Moor Park,
Oakland. One and one-half-story 6-
room dwelling.
Owner.....Maria Kusnik. — Peppin,
Oakland.
Architect...None.
Day's work COST, \$1800

(2135) NO. 5916 TELEGRAPH AVE.,
Leing Lot 47 Map Temescal Park,
Oakland. All work for two-story
dwelling and store.
Owner.....P. Casserly, Premises.
Architect...A. W. Smith, 1910 Broad-
way, Oakland.
Contractor..Fred Hambleton, 555 43rd,
Oakland.

Filed July 16, '13. Dated July 14, '13.
Frame up\$741 25
Enclosed and rough coat plaster
on 741 25
Completed and accepted..... 741 25
Usual 35 days..... 741 25
TOTAL COST, \$2965 00
Bond, \$1500. Surety, Maryland Casualty
Co. Limit, 60 days. Forfeit, none.
Plans and specifications filed.

(2137) S E-THIRTY-SECOND 120 E
Stuart, Oakland. One-story 5-room
dwelling.
Owner.....Alert Bldg. Co., 317 Santa
Marina Bldg., S. F.
Architect...None.
Day's work COST, \$2100

(2138) NE FAIRFAX & PRINCETON,
Oakland. Two-story 6-room dwlg.
Owner.....Theo. Fenn, 749 61st. Okd.
Architect...None.
Day's work COST, \$2000

(2139) NO. 1658 SEVENTH, Oakland.
Alterations and additions.
Owner.....Piperis & Patsiaris.
Architect...None.
Contractor..P. Brewin, 1473 7th. Okd.
COST, \$525

(2140) SE TWENTY-FIRST AVE AND
E-26th, Oakland. One-story 5-room
dwelling.
Owner.....Roberts Invest. Co., 1617
Telegraph Ave., Oakland.
Architect...None.
Day's work COST, \$1400

(2141) S WELLINGTON 200 E Town-
send, Oakland. Two-story 5-room
dwelling.
Owner.....F. C. Joorfetz, Broadway
and 16th, Oakland.
Architect..Hutchinson Bros., 470 12th,
Oakland.
Contractor..B. A. Stewart, 616 41st,
Oakland.
COST, \$2816

(2143) NE COR. SEVENTEENTH AND
Broadway N 60x E 56 feet 2 in., Oak-
land. Structural steel and iron work
and cast iron bases for ten-story
Class "A" office building.

Owner.....Lucy Fay Thomson, 1955
Webster, Oakland; P. J.
Walker Co., Agent, Mc-
nadnock Bldg., S. F.
Architect...W. D. Reed, Oakland Bank
of Svgs Bldg., Oakland.
Contractor..Western Iron Works, 123
Beale, San Francisco.

Filed July 16, '13. Dated July 11, '13.
Semi-monthly payments..... 75%
Usual 35 days..... 25%
TOTAL COST, \$28,650

Bond, \$14,340. Surety, Massachusetts
Bonding & Insurance Co. Limit, Sept.
20. Forfeit, \$100. Plans and specifica-
tions filed.

(2144) W DOLORES AVE near 13th
Ave, Fourth Ave. Heights, Oakland.
All work for one-story dwelling.
Owner.....E. O. Pendelton, Oakland.
Architect...None.
Contractor..O. M. Bullock, 1952 Broad-
way, Oakland

Filed July 16, '13. Dated July 15, '13.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$2500
Bond, \$1250. Surety, National Surety
Co. Limit, 100 days. Forfeit, none.
Plans and specifications filed.

(2149) S THIRTY-FOURTH 50 W
Louise, Oakland. One-story 4-room
dwelling.
Owner.....Mrs. Rose Marcus, 1461
34th, Oakland.
Architect...None.
Contractor..L. S. Barnett, 1237 7th,
Oakland.
COST, \$1000

(2150) E JAMES AVE 140 N Clifton,
Oakland. One-story 6-room dwlg.
Owner.....J. E. Murphy, 1823 Grove,
Oakland.
Architect...None.
Day's work COST, \$2200

(2151) SW FOURTEENTH & MARKET
Oakland. Repairs.
Owner.....G. W. Druhe, Premises.
Architect...None.
Contractor..David & Nickelson, 1034
24th, Oakland.
COST, \$600

(2152) NO. 401 CAMPBELL, Oakland.
Repairs.
Owner.....State Savings Bank, 13th
and Franklin, Oakland.
Architect...None.
Contractor..Joe Rice, 1208 Turk, S. F.
COST, \$400

(2153) N FIFTY-FOURTH 37 W Genoa,
Oakland. One and one-half-story 5-
room dwelling.
Owner.....C. H. Walworth, 852 54th,
Oakland.
Architect...None.
Day's work COST, \$1000

(2154) N FOREST 30 W Claremont
Ave., Oakland. One and one-half-
story 5-room dwelling.
Owner.....H. Haynes, 2621 Regent,
Berkeley.
Architect...None.

Contractor..H. Houle, 2425 Grove, Okd.
COST, \$2000

(2156) W SIXTY-FIFTH AVE 190 N
Flora Ave., Oakland. One-story live-
room dwelling.
Owner..Mrs. J. S. Cole, 2919 Clement,
San Francisco.

Architect...None.
Contractor..O. E. Loring, 571 Mc-
Allister, San Francisco
COST, \$1800

(2157) N ALMOND 120 E 92nd Ave.,
Oakland. One-story 5-room dwelling
Owner.....Joe St. Mary, 2239 92nd
Ave., Oakland.

Architect...None.
Day's work COST, \$1150

(2160) N FIRST 50x194, Livermore.
Excavation, concrete and cement
work, dues, marble and terrazzo
work, framing and exterior finish,
carpenter work, tar and gravel roof,
sheet metal work, doors, windows,
interior fixtures, lathing and plaster-
ing, glazing, electric work, painting,
plumbing, decorating, etc., for two-
story Class "C" reinforced concrete
theatre, store and lodge building.
Owner.....L. and Catherine Schenone,
Livermore.

Architect...Italo Zanolini, 604 Mont-
gomery, San Francisco.
Contractor..Silvio Florio, Livermore.

Filed July 18, '13. Dated July 11, '13.
Excavation complete, footings in
place, walls completed to 2d floor
level 75%
2d floor joists in place, parapet
wall completed, roofing complet-
ed, floor laid, studding in place
and entire building ready for
plastering 75%
Plastering completed 75%
Completed and accepted..... 75%
Usual 35 days..... 25%

TOTAL COST, \$15,630
Bond, \$7840. Surety, Fidelity & De-
posit Co. Limit, 128 days. Forfeit,
\$15. Plans and specifications filed.

(2161) PTN LOT 5 Map Bellevue Park
Oakland Tp. All work for two-story
and basement and attic frame dwlg.
Owner.....Horace H. Miller, 1264 12th,
Oakland.

Architect...Bakewell & Brown, 251
Kearny, San Francisco.
Contractor..Stockholm & Allyn, 180
Jessie, San Francisco.

Filed July 19, '13. Dated July 18, '13.
Frame up and sheathed and roof
sheathed\$5397 25
Brown coated 5397 25
Completed and accepted..... 5397 25
Usual 35 days..... 5397 25

TOTAL COST, \$21,589 00
Bond, \$5400. Surety, Pacific Coast
Casualty Co. Limit, Feb. 20, 1914. For-
feit, \$10. Plans and specifications filed.

(2163) NO. 536 ADELINE, Oakland.
Addition.
Owner.....Mrs. A. McGuiness, Prem.
Architect...None.
Contractor..R. Langtry, 835 16th, Okd.
COST, \$400

(2164) NW HIGHLAND AVE AND
26th, Oakland. One-story 4-room
dwelling.
Owner.....Joseph Dame, 2601 High-
land Ave., Oakland.
Architect...None.
Day's work COST, \$1200

(2165) S NAVY AVE 100 E Broadway,
Oakland. One-story 5-room dwelling.

Owner.....E. Lundberg, 646 16th, Okd.
Architect...None.
Day's work. COST, \$2000

(2166) S FORTY-FIRST 125 W West,
Oakland. One-story 5-room dwlg.
Owner.....Wm. F. Neary, 1723 Tele-
graph Ave., Oakland.
Architect...None.
Day's work. COST, \$2300

(2167) NW FIFTH AND OAK, Oakland
Addition.
Owner.....T. Benner, Premises.
Architect...None.
Contractor...C. M. Griffin, 716 3th Ave.,
Oakland.
COST, \$800

(2168) SW TWELFTH AND BROAD-
way, Oakland. Alterations.
Owner.....Levy Estate Company.
Architect...C. W. Dickey, Central Bk.
Bldg., Oakland.
Contractor...H. B. Henderson, 3773
Broadway, Oakland.
COST, \$600

(2169) S E-THIRTY-THIRD 150 E
Elliot, Oakland. One and one-half-
story 6-room dwelling.
Owner.....Herman T. Anderson.
Architect...None.
Contractor...Cederborg & Anderson,
1033 Poplar, Oakland.
COST, \$3000

(2170) E OAK 200 N Fourteenth, Oak-
land. Add to museum.
Owner.....City of Oakland.
Architect...John J. Donovan, Security
Bank Bldg., Oakland.
Contractor...Christensen Bros., 237
Wayne Ave., Oakland.
COST, \$3492

(2171) N LINCOLN AVE 300 W Sea
View, Piedmont. Two-story frame
residence.
Owner.....Edson Adams, Piedmont.
Architect...None.
Contractor...L. Penny, Phelan Bldg.,
San Francisco.
COST, \$45,000

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
2155	Smith	Smith	1500
2126	Junk	Riddell	3000
2098	Stieppard	Pearson	600
2109	Ellich	Laamenen	1400
2110	Nelson	Nelson	1950
2114	Lucas	Tufts	3000
2136	Patrick	Nelson	3200
2112	Shuman	Engler	1000
2115	Peterson	Peterson	1400
2146	Hampton	Hampton	1000
2147	Pierce	Pierce	400
2118	Pfranz	Pfranz	2500
2158	Curry	Sullivan	3200
2159	Same	Same	3200
2162	Runde	Sullivan	2850

(2175) N HARMON 100 E California,
Berkeley. One-story 5-room dwlg.
Owner.....W. T. Smith, 1611 Harmon
Berkeley.
Architect...None.
Day's work. COST, \$1500

(2126) S BUENA VISTA WAY opp.
Greenwood Terrace, Berkeley. One-
story six-room dwelling.
Owner.....Junk-Riddell Invst Co.,
2247 Telegraph Ave., Bkly.
Architect...None.
Day's work. COST, \$3000

(2108) SW SIXTH AND BANCROFT
Way, Berkeley. Repairs.

Owner.....Wm. R. Shephard, Prem.
Architect...None.
Contractor...Ben Pearson, 2403 Grant,
Berkeley.
COST, \$600

(2109) SE NINTH AND ALLSTON
Way, Berkeley. One-story 5-room
dwelling.

Owner.....Samuel Ellich.
Architect...None.
Contractor...John Laamenen, 1032 Car-
lton, Berkeley.
COST, \$1400

(2110) W REGENT 70 S Ashby, Ber-
keley. One-story 5-room dwlg.
Owner.....A. P. Nelson, 2241 Grove,
Berkeley.
Architect...None.
Day's work. COST, \$1950

(2114) W SPRUCE 480 N Los Angeles
Ave., Berkeley. Two-story six-room
dwelling.
Owner.....Rev. O. W. Lucas, 2409
Carlton, Berkeley.
Architect...None.
Contractor...G. K. Tufts, 2746 Hillegass
Ave., Berkeley.
COST, \$3000

(2136) E AMADOR 90 N Mariposa,
Berkeley. One-story 5-room dwlg.
Owner.....Patrick-Nelson Bldg. Co.,
2011 Shattuck Ave., Bkly.
Architect...None.
Day's work. COST, \$3900

(2142) SE STUART AND BENVENUE,
Berkeley. Two-story 7-room dwlg.
Owner.....Mary Shuman, Berkeley.
Architect...None.
Contractor...Louis Engler, 2721 Haste,
Berkeley.
COST, \$4000

(2145) W CALIFORNIA 100 N Hearst
Ave., Berkeley. One-story five-room
dwelling.
Owner.....Annie Peterson, 120 E-24th
Oakland.
Architect...None.
Contractor...Chas. Peterson, 1200 E-
24th, Oakland.
COST, \$1400

2146) W MCKINLEY 190 N Alston
Way, Berkeley. One-story 3-room
dwelling.
Owner.....Wm. Hampton, 2126 Mc-
Kinley Ave., Berkeley.
Architect...None.
Day's work. COST, \$1000

(2147) N RIDGE ROAD 200 E Euclid
Ave., Berkeley. One-story one-room
studio.
Owner.....J. M. Pierce, Cloyne Court,
Berkeley.
Architect...None.
Day's work. COST, \$100

(2118) — DEAKIN 270 S Ashby Ave.,
Berkeley. One-story 5-room dwlg.
Owner.....H. C. Pfranz, 5359 Shafter
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(2158) W 40 OF E 90 FEET LOT 8
Blk "B" Elmwood Park 40x55, Ber-
keley. All work for two-story 7-
room dwelling.
Owner.....F. C. Curry, Carson City,
Nevada.
Architect...None.
Contractor...Sullivan Bros., 6452-56
Harmon Court, Oakland.

Filed July 18, '13. Dated July 10, '13.
Frame up 1/4
Rough coat plaster on interior. 1/4
Completed and accepted. 1/4
Usual 35 days. TOTAL COST, \$2500

Bond, \$1600. Surety, Title Guaranty &
Surety Co. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(2159) W 40 FT. LOT 8 BLK "B" Elm-
wood Park, Berkeley. All work for
two-story seven-room dwelling.
Owner.....F. C. Curry, Carson City,
Nevada.
Architect...None.
Contractor...Sullivan Bros., 6452 Har-
mon Court, Oakland.

Filed July 18, '13. Dated July 10, '13.
Frame up 1/4
Rough coat plaster on interior. 1/4
Completed and accepted. 1/4
Usual 35 days. TOTAL COST, \$3200

Bond, \$1600. Surety, Title Guaranty &
Surety Co. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2162) STATION NO. 21 in center
Panoramic Way SW 102.75 SE 46.18
NE 99.23 NW 47.2, Berkeley. All work
for two-story dwelling.
Owner.....Winfield S. Runde, Insti-
tute For Blind and Deaf,
Berkeley.
Architect...None.
Contractor...Sullivan Bros, 6452 Harmon
Court, Berkeley.

Filed July 18, '13. Dated July 17, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted. 1/4
Usual 35 days. TOTAL COST, \$2880

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
2155	Rowe	Rowe	1000
(2155)	NO. 2233 SAN ANTONIO AVE., Alameda. Addition. Owner.....M. F. Rowe, Premises. Architect...None. Day's work. COST, \$1000		

RESCINDED BUILDING CONTRACT.

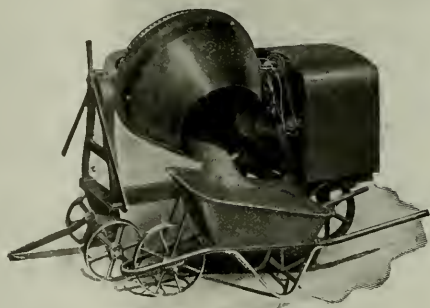
July 18, 1913—LOT 6 BLK 15, Map
Havenscourt. J G Venzke, owner
vs Angus J Bellefontaine, con-
tractor. Filed Feb. 26, 1913; re-
scinded March 11, 1913

Completion Notices.

ALAMEDA COUNTY.

RECORDED	ACCEPTED
July 3, 1913—LOT 17 BLK 4 Kellogg T and Bkly. M A Phinney to The F R Peske Co. July 2, 1913	
July 11, 1913—LOT 4 BLK "B" Map Fourth Ave Terrace. Ckd. Agnes Merz to Harris & Hudson, July 9, 1913	
July 11, 1913—LOTS 8, 9, AND 10 Brooklyn Park Homestead Addn Association, Okd. Macbelle H Cornwall to C F Lodge, July 7, 1913	
July 12, 1913—W SACRAMENTO 130 N Bancroft Way 22x170, Bkly. F R	

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San Francisco

Peake Co to J A Pinkerton.....
July 12, 1913—LOT 18 BLK "F"
Northbrae Terrace, Bkly. John
Endicott Gardner to Patrick Nel-
son Bldg Co.....July 10, 1913
July 11, 1913—LOT 35 Melrose Blvd
Tract, Okd. O E Clark to Fred H
Brown.....July 12, 1913
July 14, 1913—W SACRAMENTO 100
N Bancroft Way 30x100, Bkly. F
R Peake Co to J A Pinkerton.....
July 12, 1913
July 14, 1913—LOT 6 Map Albany
Terrace, Albany. Clara F Mason to
Wm C Mason.....July 10, 1913
July 11, 1913—E SHATTUCK AVE 40
N Woolsey 40x100, Bkly. C O Dull
to C Texdahl.....April 14, 1913
July 14, 1913—LOT 7 Orange Grove
Trct, San Leandro. Herbert D and
Alice L Kernan to Wm J Bush.....
July 10, 1913
July 15, 1913—LOT 3 BLK 1 Map
Melrose Heights, Okd. Anteo and
Anna Larson to Olson & Johnson.....
July 7, 1913
July 15, 1913—W TELEGRAPH AVE
100 S 16th S 130 NW 103.95 SW
102.11 N 130 NE 90 NW 5.72 NE
112.89 SE 74 SW 100 SE 100, Okd.
Kahn Realty Co to Pacific Floor
Sanding Co.....July 8, 1913
July 15, 1913—LOT 36 BLK F North-
brae Terrace, Bkly. F R Peake Co
to F R Peake Co.....July 12, 1913
121.47 SW Greenbank Ave SW 80.16
SE 96.12 NE 80 NW 80.11, Piedmont,
Nell Thom Jr to United Home Bldrs
.....June 18, 1913
July 17, 1913—W BAY 50 S Central
Ave Pto Blk 14, Fitch and Sharon
Tract, Alameda. Harriet Bell Neal

to Peter Buhman.....July 10, 1913
July 18, 1913—LOT 7 BLK 2 Dwight
Way To race, Bkly. Charles
Gadsden Jr to Leslie G Geary.....
July 16, 1913
July 18, 1913—LOT 19 BLK "C" Bate-
man Tract, Bkly. Wm F and
Alice W Lorenz to I L Grainger.....
July 12, 1913

LIENS FILED.

ALAMEDA COUNTY.

July 9, 1913—LOT 22 BLK 13 Blvd
Park, Brooklyn Tp. G Walker vs
Mrs S Wilcox and T L Webster..\$40
July 9, 1913—SE THIRTY-EIGHTH
Ave 325 SE Santa Rita Ave, Lot 22
Blk 13 Map Boulevard Park, Okd.
De Fremery-Cadman Materials Co.
\$31.25; De Fremery-Cadman Ma-
terials Co. \$22.20; H N Cunn-
ing and G W Selby, \$50.85 vs Mrs Sadie
Wilcox, Ross Williams, Geo Walk-
er and T L Webster.....
July 11, 1913—S FIFTY-FIFTH 153.84
W Grove W 40xS 125, Okd. Hogan
Lumber Co vs Mary A Shumway and
W B White\$521.57
July 11, 1913—N 32 LOT 23 BLK 3
Map Pittsburg Homestead Lots,
Brooklyn Tp. Panatna Lumber &
Mill Co vs C Scheelk.....\$439.51
July 11, 1913—E 50 1/2 LOT 31 BLK 16
Map Boulevard Park, Brooklyn Tp.
Panama Lumber & Mill Co vs C
Scheelk\$591.27
July 15, 1913—LOT 21 Map Sbdvn "A"
of Thermal Rancho at Sunol, Pleas-
anton. Hall Warehouse Co vs G O
Helme and C E Mayo.....\$430
July 11, 1913—LOT 8 BLK "A" Map

Kenwood Park, Okd. Hogan Lum-
ber Co vs J W Jones, W H Little
and Syndicate Invt Co.....\$257.71
July 15, 1913—LOTS 29 AND 30 BLK
"A" Map Rsbvdy of Kinsell Tract,
Okd. Hogan Lumber Co vs Harold
L Scoger & Camillo Maritano..\$517.21
July 15, 1913—LOT 31 BLK "A" Map
Rsbvdy of Kinsell Tract, Oakland.
Hogan Lumber Co vs Angelo, An-
tonio and Vincenzo Piloti.....\$298.56
July 15, 1913—LOT 10 BLK "S" Map
Alpine Tract, Okd. Brittain & Co
vs Mary A Shumway and Wm B
White\$18.88
July 16, 1913—LOT 24 BLK "E" Map
No. 2, Linda Vista Terrace, Okd.
Borland & Lemon, Inc vs J H
Robinson\$506.84
July 16, 1913—LOT 35 BLK "C" Map
Toler Heights, Okd. Panama Mill
& Lumber Co vs John H Plattner
.....\$339.97
July 17, 1913—LOT 30 BLK "D" Map
Toler Heights, Okd. Inland Floor
Co vs John H Plattner.....\$72.76
July 17, 1913—LOT 35 BLK "C" Map
Toler Heights, Okd. Inland Floor
Co vs John H Plattner.....\$131.32

SAN JOSE & SANTA CLARA CLARA VALLEY.

RESIDENCE — 2 story and base,
frame, \$10,000. Saratoga, Santa Clara
Co., Cal. Architect, C. W. Dickey, Central
Bank Bldg., Oakland. Owner,
Penj. Bazata. The house has been de-
signed for a country home and will
contain in the neighborhood of eight
rooms, bath and sleeping porch. In-
terior will be finished in pine with
some hardwood and white enamel.
Hardwood floors will be used in the
principal rooms. There will be furnace
heat and open fire places. Mantels
will be of brick and tile. An auto-
matic water heater will be installed.
Tile will be used in the bath room
and kitchen. Exterior of the house will
be covered with cement plaster on
metal lath. Plans are complete and
the architect is now taking figures on
the work.

BUNGALOWS—Frame construction.
Cost not stated. San Jose, Santa Clara
Co., Cal. Architect, none. The follow-
ing Day Labor jobs are reported as
about to be started in San Jose: De
Smet Bros, 398 11th St., 1 story frame,
\$2,000, and Niels Johnson, 371 13th St.,
San Jose, 1 story frame, \$2,000. The
owners are in the market for all materials.

Building Contracts.

SANTA CLARA COUNTY.

NO. 263 N-THIRTEENTH, San Jose.
Five-room cottage.
Owner.....L. C. Anderson, Santa Clara
Architect.....None.
Contractor.....W. H. Norman, Santa Clara
COST, \$3000
NO. 371 N-THIRTEENTH, San Jose
Six-room bungalow.
Owner.....Niels Johnson, Premises.
Architect.....None.
Day's work. COST, \$2000
NO. 430 N-FOURTEENTH, San Jose.
Six-room bungalow.
Owner.....Herman Lehl, Premises.
Architect.....None.
Day's work. COST, \$1800

NO. 230 E-SANTA CLARA (rear), San Jose. One-story iron garage.
Owner.....Wm. Sexton, San Jose.
Architect.....None.
Day's work. COST, \$500

NO. 45 S-TWENTY-THIRD, San Jose. Two-room addition and repairs.
Owner.....J. E. White, Premises.
Architect.....None.
Day's work. COST, \$500

NO. 559 N-SIXTEENTH, San Jose. Five room cottage.
Owner.....De Smet Bros., 398 N-11th, San Jose.
Architect.....None.
Day's work. COST, \$2000

NO. 521 SPRING, San Jose. Two-room addition.
Owner.....J. A. Nathuerer. Premises.
Architect.....None.
Day's work. COST, \$100

NO. 691 SECOND (rear), San Jose. Sleeping porch, toilet and bath.
Owner.....Henry Edwards.
Architect.....None.
Day's work. COST, \$550

LOT NO. 15, Shottenhamer Tract, San Jose Five-room cottage.
Owner.....Minnie and Samuel Weldon, 645 Ashbury, San Jose.
Architect.....None.
Day's work. COST, \$2200

NEAR CORNER ST. JOHN AND 9TH, San Jose. All work for five-room frame cottage.
Owner.....Mrs. J. Sopher.
Architect.....Lee Gardner.
Contractor.....Lee Gardner, 197 Hawthorne Way, San Jose.
Filed July 16, '13. Dated July 10, '13.
Frame up.....\$100
Last coat plaster on.....400
House completed.....400
Usual 35 days.....400
TOTAL COST, \$1600
Bond, limit, forfeit, none Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
July 8 1913-NEAR COR. THIRD and Keves, San Jose. Nat R Tevis to Nat R Tevis.....July 8, 1913
July 12, 1913-SHOTTEHAMER Sub No. 2, San Jose. E J Shottenhamer to E J Shottenhamer.....July 11, 1913
July 10, 1913-SECTION 12-13 Township 8 S Co Range 2 West near Saratoga, Cal. (water heating system) I D Pheian to John G Sutton, Inc.....July 8, 1913
July 7, 1913-COR. THIRD AND Santa Clara, San Jose. Young Men's Christian Association to Vix Engineering Co.....July 8, 1913
July 17, 1913-SIXTEENTH AND Empire, San Jose E D Wells to whom it may concern.....July 16, 1913
July 15, 1913-PART LOT 3 PLK 14, University Grounds, Palo Alto. Kate C Wood to F Horridge.....July 10, 1913
July 18, 1913-ALUM ROCK PARK, City of San Jose to A R Short.....July 23, 1913

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
July 12, 1913-LOT 23 HUYCKS OBSERVATORY Tract, San Jose. J B Lamb vs Kate Schmerler.....\$5
July 14, 1913-LOT 23 Huycks Sub, San Jose. Glenwood Lumber Co vs Katie Schmerler.....\$115.55
July 15, 1913-LOT 16 BLK 2, Palm Haven Tract, San Jose. M H Riggs vs R Herschback.....\$138.31
July 18, 1913-MORGAN HILL, CAL. S W Naylor vs L B Compton.....\$5725
July 18, 1913-MORGAN HILL, CAL. A E Bradford vs L B Compton.....\$62.02
July 7, 1913-LOT 6 BLK 2 Acacia Park Tract, San Jose. Jas McCormick vs C and M Rasmussen.....\$12.25

MARIN, CONTRA COSTA AND SONOMA COUNTIES

BANK-2 story and base, brick or reinforced concrete. Cost not stated. Concord, Contra Costa Co., Cal. Architect, G. A. Applegarth, Call Bldg. S. F. Owners, Bank of Concord. This is the second bank structure which has been designed for Concord institutions by Mr Applegarth. This building will be erected on a corner site and will contain the banking rooms on the first floor and a number of modern offices on the upper floor. Interior of the banking rooms will be finished in hardwood and ornamental plaster. There will be special bank features and coin vaults. Upper floor will be finished in pine. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH ADDITION-Concrete and brick construction. Cost not stated. Tulare Tulare Co., Cal. Architect's name not given. Owners, St. Aloysius Church. This work will consist of the addition of two large wings, which will contain class rooms. The main auditorium will also be enlarged. Interior finish will be of pine throughout. The exterior of the building will be faced with cement plaster. Plans are in the hands of Father Edward Schmitt who will have charge of letting all contracts.

SCHOOL-1 story and base, frame. Fresno, Peardlee School District Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Peardlee School District. The building will contain four standard size class rooms and an assembly hall. Interior will be finished in pine. There will be a hot air system of heating with oil burning furnace. Composition blackboards will be used. Exterior of the building will be covered with cement plaster on masonry. Plans are complete and figures are now being taken. Plans and specifications to be secured from the architect.

THEATRE 1 story and base, brick. Cost not stated. McKittrick Kern Co., Cal. Architect, Thomas P. Wiseman, Producers' National Bank Bldg., Bakersfield.

Owners, N. J. Brown & Son. The building will contain two stores, one of which will be leased to the Government for a post office. Interior finish will be of pine throughout. There will be plate glass display windows in patent store fronts. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Contracts awarded.

SCHOOL-1 story and base, brick and concrete, \$15,000. Fellows, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' Bank Bldg., Bakersfield. Owners, Midway School District. Contractor, J. E. Vancy, Bakersfield, general construction, \$13,010. Heating, Machinery and Electric Co., 351 North Main St., L. A., \$2,231.

THEATRE AND OFFICES-2 story and base, brick and steel, \$35,000. Fresno, Fresno Co., Cal. Architect's name not given. Owner, Emil Kehrlin. Contractor, H. P. Hoyt, San Francisco. Contract price, \$35,000.

Building Contracts.

FRESNO COUNTY.

WASHINGTON COLONY SCHOOL DISTRICT, Fresno County. All work for frame school building.
Owner.....Washington Colony School District, Fresno County.
Architect.....Swartz, Hotchkin & Swartz, Fresno.
Contractor.....L. B. Chenoweth, Fresno.
Filed July 14, '13. Dated July 14, '13.
Foundation laid and old plastering removed.....\$196.25
New floors laid.....496.25
Completion of work.....496.25
Usual 35 days.....496.25
TOTAL COST, \$1985.00
Bond, none. Limit, 18 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
July 10, 1913-TULARE & F STS., Fresno. Annie T Griffith and Est W H McKenzie to Lindgren Co.....July 1, 1913
July 10, 1913-LOTS 30, 31 AND 32 BLK 95, Fresno. Rowell-Chandler Co to John G Sutton Co.....July 1, 1913
July 15, 1913-LOTS 21 AND 25 BLK 48, Fresno. Elaine Papageori to M J Olmstead.....July 12, 1913

Liens Filed.

FRESNO COUNTY.

RECORDED AMOUNT
July 10, 1913-LOT 6 S 29 feet Lot 5 BLK 1 Mt. Hood Add'n, Fresno. Fresno Lumber Co vs H H Herrold.....\$523.26
July 17, 1913-LOT 29 8 1/2 1/2 of Lot 20 BLK 295, Fresno. Victor J Cox vs Tony Palm.....\$39.05

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

FUNERAL HOME-1 story and base, frame, \$2,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Merrill, 1111 Stockton. Owner, D. McKenzie. The house will be

erected on California street, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are now being prepared.

BUNGALOW — 1 story and base, frame, \$2,600. Sacramento, Cal. Architect, none. Owner, C. H. Chatterton, 3122 T St., Sacramento. The house will contain seven rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in two rooms. Tile will be used in the bath room and kitchen. There will be a large open fire place and tile mantel in the living room. Exterior of the bungalow will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GRAIN ELEVATOR — Reinforced concrete construction. Cost not stated. Sacramento, Cal. Architect, P. J. Herold, Forum Bldg., Sacramento. Owner's name withheld. This work has been mentioned here sometime ago when plans were being prepared. Working drawings are now complete and figures are being taken. The building will be fireproof. Special grain handling machinery will be used. Exterior will be faced with cement plaster. Besides the elevator a flour mill will be erected shortly, plans for which have also been prepared in the offices of Architect P. J. Herold.

Building Contracts.

SACRAMENTO COUNTY.

NO. 2016 TWENTY-FIRST ON N 50 ft. Lot 5 and E 60 ft. of N 50 Lot 6 Blk U, V, 20th and 21st Sts., Sacramento Twelve-room dwelling.

Owner.....J. C. Coffing, Care Pioneer Fruit Co., Sacramento.

Architect...None.

Contractor..Morrill & Clark Constr. Co., 715 23rd, Sacramento.

COST, \$13,000

N ½ OF S ½ LOT 1 BLK W, X, 4TH and 5th Sts., Sacramento. Three-room dwelling.

Owner.....Manuel Enos Visalla, 3rd, bet. S and T St., Sacramento.

Architect...None.

Contractor..C. Valline, 1216 D St., Sacramento.

COST, \$700

S 123½ LOT 7 BLK I, J, 12TH AND 13th Sts., Sacramento. Repair fire damage.

Owner...Folger & Barber, 1122 H St., Sacramento.

Architect...None.

Contractor..E. W. Book, 2912 G St., Sacramento.

COST, \$2000

NO. 1539 E ST., Sacramento. Remodel first story into 2 flats.

Owner.....P. J. Russell, Promises.

Architect...None.

Contractor..W. W. Book, 2912 G St., Sacramento.

COST, \$2890

LOT 2603 OAK TERRACE on 6th Ave., Sacramento. Six-room dwelling and store.

Owner.....Lolucca Nicolosi.

Architect...None.

Contractor..Peter Leoni, 1415 P St., Sacramento.

COST, \$2100

CARNEGIE AVE & 21ST, LOT 3 BLK 1, Buxler Trct., Sacramento. Five-room dwelling.

Owner...E. A. Pearce.

Architect...None.

Day's work.

COST, \$3000

NO. 324 K ST., Sacramento. Alterations to restaurant.

Owner.....Nellie Wright, 805 M St., Sacramento.

Architect...None.

Contractor..A. W. Norris, 409 21st St., Sacramento.

COST, \$500

S 60 FT. OF S ½ N 1 acre of S 3 acres Lot 7 Louisiana Tract, Sacramento. Move and alter house.

Owner.....Wm. and Anna M. Musick, 948 R. F. D. No. 3, Sacramento.

Architect...None.

Day's work.

COST, \$450

E 45 FT. S ½ LOT 7 BLK O, P, 8TH & 9th Sts., Sacramento. Frame tenements.

Owner.....J. S. Wheeler, 1224 K St., Sacramento.

Architect...None.

Contractor..W. R. Saunders, 2810 I St., Sacramento.

COST, \$6000

THIRTY-FOURTH ST. N 35 LOTS 7 and 8 Blk W and Olive 32nd and 33rd Sts., Sacramento. Five-room bungalow.

Owner.....Thomas Hunt, 33rd and Olive, Sacramento.

Architect...None.

Contractor..O. H. Moore & Co., 2903 35th, Sacramento.

COST, \$1500

NO. 1214 TWENTY-SEVENTH, Sacramento. Two-story nine-room dwlg.

Owner.....Edward Cachettini, 3rd, bet. Q and R Sts., Sacramento.

Architect...None.

Contractor..R. W. Smith, 2017 18th St., Sacramento.

COST, \$6000

FRONT AND 1 STS., City Water Works, Sacramento. Pumping station, repairs and extensions.

Owner.....City of Sacramento.

Architect...None.

Contractor..Siller Bros., 1614 13th St., Sacramento.

COST, \$7200

W 50 FT. LOT 4, L, M, 7TH AND 8TH Sts., Sacramento. Brick work, etc., one-story brick garage.

Owner.....Chris Welsel Estate Co., 725 E St., Sacramento.

Architect...None.

Contractor..Siller Bros., 1614 13th St., Sacramento.

Filed July 7, '13. Dated July 3, '13.

COST, \$8700

NO. 818 K ST., 20 feet x60, Sacramento. Work on building.

Owner.....Hayman & Jalanaack.

Architect...None.

Contractor..Chas. Vanina, 2022 M St., Sacramento.

Filed July 10, '13. Dated July 3, '13.

COST, \$3540

LOT 37 T ST. COURT, Sacramento. Erect dwelling.

Owner.....C. H. Chatterton, 3122 T St. Court, Sacramento.

Architect...None.

Day's work.

COST, \$2600

N ½ OF S ½ LOT 1, N, O, 25TH & 26TH Sts., Sacramento. Erect dwelling.

Owner.....C. E. Blvemberg, 513 K St., Sacramento.

Architect...None.

Contractor..E. E. Syderstrichir, 2315 I St., Sacramento.

COST, \$3800

W ½ LOT 6, P, Q, 20TH & 21ST STS., Sacramento. Alter building.

Owner.....Mrs. C. Mason, 2101 T St., Sacramento.

Architect...None.

Contractor..G. E. Harvie, 2212 T St., Sacramento.

COST, \$—

NO. 914 K ST., Sacramento. Alter saloon.

Owner.....Graber & Dascher, Prem.

Architect...None.

Contractor..C. N. Brust & Son, 2908 T St., Sacramento.

COST, \$2000

N 50 FEET LOT 5; N 50 FEET OF E 60 feet of Lot 6, U, V, 20th and 21st Sts., Sacramento. Dwelling.

Owner.....J. C. Coffing, 1916 21st St., Sacramento.

Architect...None.

Contractor..Morrill & Clark, 715 23rd, Sacramento.

Filed July 14, '13. Dated July 9, '13.

COST, \$11,964

E 43 FEET OF S ½ OF LOT 5, N, O, 6th and 7th Sts., Sacramento. All work except plumbing, painting and iron work for three-story building (12) flats.

Owner.....A. G. Johnson.

Architect...None.

Contractor..Wm. C. Keating, 1729 11th St., Sacramento.

COST, \$10,850

PLUMBING ON ABOVE. Contractor..Waterman Plumbing Co., 904 Elm St., Sacramento.

COST, \$2080

PAINTING ON ABOVE. Contractor..H. W. Robinson, 1209 20th St., Sacramento.

Filed July 14, '13. Dated July 14, '13.

COST, \$797

Building Contracts.

SAN JOAQUIN COUNTY.

BONES TRACT, N-Stockton. All work for two-story plastered residence.

Owner.....Frank A. Guennsey, 1438 N-E1 Dorado St., Stockton.

Architect...R. P. Morrell, 12-15 I. O. O. E. Bldg., Stockton.

Contractor..Daniels & Green, W-Park St., Stockton.

Filed —, '13. Dated July 12, '13.

Work done and paid for on percentage

TOTAL COST, \$10,500

Bond, none. Limit, October 1. Forfeited, none. Plans and specifications, none.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 July 12, 1913—LOT 4, N. O. 12TH &
 13th Sts., Sacramento. Sacramento
 Properties Cpn to Walter W Camp-
 bell and L. J. Turner. July 7, 1913
 ABANDONMENT OF HOMESTEAD.
 July 17, 1913—SW E-TWENTY-2ND
 and SE 8th Ave SE 100xSW 35,
 Okd. Charles B and Manonilo Lyle
 Pearson

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 July 16, 1913—N ½ OF S ¼ LOT 1,
 T. U. 23rd and 24th Sts., Sacra-
 mento. Bartle Kreuzberger vs
 Wm Murrell and J W Haley...\$76.15
 July 16, 1913—S 60 FT. LOT 1, T. U.
 23rd and 24th Sts., Sacramento.
 Bartle Kreuzberger vs Wm Murrell
\$720
 Release of Liens.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 July 10, 1913—E ½ LOT 2, P. Q. 12TH
 and 13th Sts., Sacramento. Clark &
 Henry Constr Co to A and J Mc-
 Caughan\$72.40
 July 16, 1913—W ½ LOT 6, V. W.
 29th and 30th Sts., Sacramento.
 Clark & Henry Constr Co to Chas
 A Mauerhan.....\$117.50 and \$27.20

LOS ANGELES AND SOUTH-
ERN CALIFORNIA.

APARTMENT HOUSE—3 story and
 base. Class C construction. \$60,000.
 Los Angeles, Cal. Architect, Fernand
 Parmentier, Byrne Bldg., L. A. Owner,
 Mrs. Harvey Ingerson. The building
 will be erected on Beaudry avenue
 near 3rd street, and will cover an
 area of 60x154 feet. Interior will be
 divided into 110 rooms, which are to
 be arranged in two and three room
 suites. All apartments will have private
 baths and wall beds. Interior
 finish will be of pine with some hard-
 wood veneer. There will be steam
 heat, an automatic elevator and vacuum
 cleaning system. Bath rooms will
 have cement floors and tile wainscot.
 Built-in features will be used in the
 bath rooms and kitchens. Exterior of
 the building will be faced with blue
 pressed brick. Plans are being pre-
 pared and when complete the work
 will be done by Day Labor.

HOSPITAL—2 or 3 story and base,
 reinforced concrete, \$50,000. Los An-
 geles, Cal. Architects, Garrett & Far-
 rell, Currier Bldg., L. A. Owners,
 French Hospital Association. A site
 for this building has been secured at
 the corner of College and Castelar
 streets. Only preliminary sketches of
 the building have been made and de-
 tails cannot be given at this time. If
 additional funds are secured a much
 more pretentious building, or perhaps
 a group of buildings, will be erected.
 Further mention of the work will be
 made in these columns as plans pro-
 gress.

SCHOOL—2 story and base, brick,
 \$40,000. Tustin, Orange Co., Cal. Ar-
 chitect, F. H. Eley, Hervey-Findley

Bldg., Santa Ana. Owners, Tustin
 School District. The building has been
 designed to contain eight standard
 class rooms, an auditorium and offices.
 Interior finish will be of pine through-
 out. Some maple floors will be used.
 There will be a central heating sys-
 tem and vacuum cleaning plant. Pro-
 gram clocks will also be installed.
 Exterior of the building will be faced
 with pressed brick. Plans are now
 being prepared.

APARTMENT HOUSE—3 story and
 base, brick, \$25,000. Hermosa Beach,
 Los Angeles Co., Cal. Architect not
 selected. Owner, Dr. W. C. Bondies,
 906 Mission St., South Pasadena. The
 building will be designed for two and
 three room suites with private baths
 and wall beds. No plans have been
 made. Further details will be given
 when the owner selects an architect.
 Dr. Bondies will also erect several
 frame dwellings on his property at
 Hermosa Beach.

APARTMENT HOUSE—4 story and
 base, brick, \$50,000. Los Angeles, Cal.
 Architect, E. B. Hogan, Jr., 1564 West
 46th St., L. A. Owner, Ernest C Hill-
 man, 635 West 46th St., L. A. The build-
 ing will cover an area of 54x120 feet,
 and has been designed to contain 86
 rooms arranged in two and three room
 suites. All suites will have private
 bath rooms and will be equipped with
 wall beds. Plans provide for steam
 heat, elevator service and a vacuum
 cleaning system. Interior finish will
 be of pine with some hardwood pan-
 els. Bath rooms will have cement
 floors and tile wainscot. Exterior of
 the building will be faced with pressed
 brick. Plans are complete and the
 work will be done by Day Labor.

LODGE HALL—3 story and base,
 brick, \$35,000. Architect, C. A. Balch,
 344 North Lake St., Pasadena. Own-
 ers, Pasadena Odd Fellows Hall Asso-
 ciation. The building will be erected
 on a corner site. The first floor will
 contain the parlors, office, lobby and a
 library. Second floor will be given
 over to a large auditorium and the
 third floor will be arranged for living
 apartments. There will be a central
 heating system. Interior finish will be
 of pine and hardwoods. Hardwood
 floors will also be used. The exterior
 of the building will be faced with
 pressed brick. Dr. S. P. Swearingen, 10
 East Colorado St., is in charge of the
 work. Plans are complete and will be
 out for figures in two weeks.

HOTEL—4 story and base, brick and
 steel, \$130,000. El Centro, Imperial Co.,
 Cal. Architect, Robert M. Taylor.
 Douglas Bldg., L. A. Owners, Bell
 Development Co. The building will be
 erected at the corner of 7th and Main
 streets and will cover an area of 131x
 151 feet. There will be four stores be-
 sides the hotel offices, lobby and din-
 ing room on the first floor. Upper
 floors will contain a total of 117 guest
 rooms and 60 private baths. Mahogany
 and tile will be used on the first floor.
 There will be steam heat, two passen-
 ger and one freight elevators, a vac-
 uum cleaning system and hot water
 supply. Exterior of the building will
 be faced with cement plaster. Brick
 work and carpentry will be done by
 Day Labor. Separate contracts will be
 let for the other parts of the building.

HIGH SCHOOL—2 story and base,
 brick. Cost not stated. Huntington
 Park, Los Angeles Co., Cal. Architect,
 George W. Eldredge, Los Angeles In-

vestment Bldg., L. A. Owners, Hun-
 tington Park High School District. The
 building will cover an area of 119x255
 feet. It will contain an auditorium
 seating 600 people, a study room seat-
 ing 300 people, ten class rooms, library,
 rest rooms, commercial and domestic
 science departments, principal's office,
 art rooms, fireproof vaults, lecture
 rooms and three laboratories. There
 will be a plenum system of heating,
 metal window sash and frames, pine
 trim and maple and composition floors.
 Exterior of the building will be faced
 with ruffled brick. Plans are complete
 and out for figures. Bids will be open-
 ed on August 2nd. Plans can be se-
 cured from the architect.

LOFTS—13 story and base. Class A
 construction. Cost not stated. Los An-
 geles, Cal. Architects, Austin & Pen-
 nell, Wright and Callender Bldg., L. A.
 Owners, Mason Estate. This work has
 been mentioned in these columns be-
 fore when plans were first started. The
 building will be erected on Spring
 street between 7th and 8th streets and
 will cover an area of 60x101. Con-
 struction will be fireproof throughout.
 There will be a complete steel frame,
 concrete walls and floors and hollow
 tile interior partitions. Exterior will
 be faced with terra cotta. Plans are
 complete and figures on the general
 contract are now being taken.

STORES AND LOFTS—2 story and
 base. Class C construction. Cost not
 stated. Los Angeles, Cal. Architects,
 Hudson & Munsell, Stimson Bldg., L. A.
 Owners, Los Angeles Realty Holding
 Co. The building will be erected on a
 corner and will cover an area of 50x
 100 feet. There will be stores on the
 first floor and lofts above. Interior
 finish will be of pine throughout.
 Metal window sash and frames will be
 used. Exterior of the building will be
 faced with pressed brick. Plans are
 complete and figures are now being
 taken by the architects.

story and base, reinforced concrete,
 \$55,500. Flagstaff, Ariz. Architects,
 Cook & Smart, Phoenix. Owners,
 Northern Arizona Normal School.
 These buildings will consist of a two-
 story Girls' Dormitory, estimated to
 cost \$41,500; a two-story concrete and
 stone addition to the Boys' Dormitory,
 estimated to cost \$11,000, and a one-
 story concrete and stone power house,
 estimated to cost \$4,000. The two
 dormitory buildings will have steam
 heat and pine interior finish. Exteriors
 of all three buildings will be faced
 with cement plaster. Plans are being
 prepared.

THEATRE AND STORES—1 story
 and base, brick. Cost not stated. Los
 Angeles, Cal. Architect, none. Own-
 ers, Los Angeles Development Co.,
 Black Bldg., L. A. The building will
 be erected at the corner of 13th street
 and Vermont avenue, and will cover
 an area of 54x150 feet. There will be
 two stores and an auditorium seating
 750 people. Interior finish will be of
 pine. There will be patent store fronts.
 Considerable marble and tile will be
 used in the entrance. Exterior of the
 building will be faced with cement
 plaster. Plans are complete and in the
 hands of the owners who are now tak-
 ing figures.

Contracts Awarded.

APARTMENT HOUSE—4 story and
 base, brick, \$60,000. Pasadena, Los
 Angeles Co., Cal. Architects, Frank
 G. Krucker and H. C. Decker, Fergu-

son Bldg., L. A. Owners, Charles Shade and S. S. Wold, Contractor, George H. Whyte, Pasadena, general construction, \$13,000. Munger & Munger, Pasadena, plumbing and heating, \$9,000.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Elwin W. Pascoe, Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Plans for this work are now being prepared. When complete the job will be constructed on a percentage basis.

SCHOOL GYMNASIUM—1 story and base, brick, \$30,000. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Hilernan Bldg., L. A. Owners, Santa Monica School District, Contractor, C. S. McCully, 2751 Francis Ave., L. A., general construction, \$26,200. W. J. English, Santa Monica, plumbing, \$3,234.

SCHOOL—2 story and base, reinforced concrete, \$15,000. Lancaster, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Lancaster School District, Contractors Anderson & Murdock, Louise St., Glendale. Contract price, \$14,659.

SCHOOL—2 story and base, reinforced concrete, \$35,000. Ontario, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Ontario School District, Contractor, F. W. Edwards, Orange, general construction, \$30,069 Heating and ventilating, Machinery and Electric Co., 351 North Main St., L. A., \$3,247.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, C. Gault, L. A. Owner, Mrs. A. Burgwald, Contractor, R. T. Laughlin, Lissner Bldg., L. A. Contract price not stated.

CHURCH—1 story and base, frame, \$12,000. Azusa, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, First Presbyterian Church of Azusa, Contractors, Perkins & Holcomb, Watts. Contract price, \$11,696.

GARAGE AND STORES—1 story and base, brick, \$23,000. Los Angeles, Cal. Architects, Kempel & Erkes, Henne Bldg., L. A. Owners, Schmidt Estate, Contractor, Fred R. Brauer, Willard Ave., L. A. Contract price, \$23,000.

HOSPITAL—2 story and base, brick, \$12,000. Oxnard, Ventura Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy, Contractor, Thomas Carroll, Oxnard. Contract price, \$12,000.

RESIDENCE—2 story and base, frame, \$15,250. Altadena, Los Angeles Co., Cal. Architect, C. F. Driscoll, Chamber of Commerce Bldg., L. A. Owner, Emma W. Barton, Contractor, M. R. Mitchell, 1112 Michigan Ave., L. A. Contract price, \$15,250.

LIBRARY—1 story and base, brick and steel, \$26,485. Altadena, Los Angeles Co., Cal. Architect, Frederick L. Roe, Bg., American Bank Bldg., L. A. Owner, City of Altadena, Contractor, H. F. Roeder, 205 North Marguerita St., Altadena. Contract price, \$26,485. Note: This contract does not include interior trim.

PORTLAND AND OREGON.

SCHOOL—2 story and base, brick. Cost not stated. Cottage Grove, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Cottage Grove School District. Plans and specifications for this work, which has been mentioned here before, will be completed by July 28th. Bids will be opened on August 9th. The building will cover an area of 60x115 feet and will contain sixteen class rooms, assembly hall, seating 300 people, and principal's office and teachers' rooms. There will be a central heating system, probably steam, vacuum cleaning and program clock. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick.

CHURCH—1 story and base, brick and stone, \$20,000. Tillamook, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Tillamook. The building will be designed in the Colonial style with a high basement and main floor. The basement will be arranged for Sunday school rooms, social hall and kitchen. Main floor will contain an auditorium seating 350 people. Interior finish will be of pine. There will be a central heating system. Exterior of the building will be faced with pressed brick and stone. Plans are complete and figures are now being taken.

LODGE HALL ALTERATIONS AND ADDITIONS—Brick construction, \$20,000. Portland, Ore. Architects, Emil Schacht & Sons, Commonwealth Bldg., Portland. Owners, Knights of Pythias. The two-story brick building now under lease to this organization will have a third floor added and undergo extensive alterations. The second floor, now used as an auditorium, will be converted into club rooms and will be elaborately finished. Plans will be completed at once.

Contracts Awarded.

GARAGE AND HALL—4 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, Robert F. Tegen, Swetland Bldg., Portland. Owners, Paul Van Firdaugh and Mrs. Hortense. Contractors, Litherland-Abbey Co., Beck Bldg., Portland. Contract price not stated.

LODGE HALL—1 and 2 story and base, brick and steel, \$50,000. Portland, Ore. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owners, Turn Verein Society. Contractor, William Vaezt, 242 1/2 First street, general construction. Contract price not stated. J. F. Shea Co., heating and plumbing. Contract price not stated.

PASSENGER STATION—1 story and base, brick, \$25,000. Eugene, Ore. Architect's name not given. Owners, Oregon Electric R. R. Co. Contractors, Moore Bros., Portland. Contract price not stated.

LODGE HALL—2 story and base, brick, \$20,000. Tillamook, Ore. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owners, Tillamook Masonic Hall Association. Contractors, Trench & Parelius, Builders' Exchange, Portland. Contract price, \$20,000.

LIBRARY—1 1/2 story and base, brick and concrete, \$12,000. St. Johns, Ore. Architects, Johnson & Mayer, Commercial Club Bldg., Portland. Owners, City of St. Johns. Contractors, McHolland

Bros., 669 East Everett St., Portland. Contract price, \$12,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—3 story and base, brick, \$30,000. Seattle, Wash. Architect, V. W. Voorlees, Etzel Bldg., Seattle. Owner, W. J. Morrow. The building will be erected on a corner site and will cover a considerable area. Suites will be arranged in two and three room apartments with private baths. Interior will be finished in pine and elm panels. Some hardwood floors will be used. There will be steam heat and an automatic elevator. Bath rooms will have tile floors and wainscot. All suites will have wall beds. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about the first of September.

VETERANS HOME—4, 2 story and base, brick, \$100,000 Port Orchard, Wash. Architects, Heath & Grove, National Realty Bldg., Tacoma. Owners, Washington Veterans' Home. This work will include the following buildings: 2 story barracks, 2 story assembly hall, 2 story laundry, 2 story superintendent's residence and three employees' cottages. All construction will be of brick. Plans are still in the preliminary stage and details of the work cannot be given. Further mention will be made here when figures are called.

GARAGE—3 story and base, reinforced concrete, \$250,000. Seattle, Wash. Architects, Haynes & Cantin, Melhorn Bldg., Seattle. Owners, Madison Square Building Co. The building will cover an area of 240x360 feet. Construction will be fireproof throughout, with reinforced concrete walls and floors and metal lath and plaster partitions. The first floor and basement will be used for storage purposes. Upper floors will contain the offices, machine shops and a body and painting factory. There will be large elevators, sprinkler system and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Further mention will be made of this work as the plans progress.

BRIDGE—Steel construction, \$300,000. Tacoma, Wash. Engineer, Engineering Dept. O. W. Ry. and Navigation Co., Tacoma. Owners, Oregon-Washington Railway and Navigation Co. President Farrell has announced that plans are nearly complete for a large steel constructed bridge over the tide flats and waterway to connect with the company's present depot. The president's announcement also carried with it the news of extensive track and yard improvements and the construction of a reinforced concrete freight depot.

WAREHOUSES—2, 3 story and base, reinforced concrete, \$175,000 each. Seattle, Wash. Engineer, Paul P. Whitlam, Port of Seattle Commission, Central Bldg., Seattle. Owners, Port of Seattle Commission. One of the warehouses will be erected on Lander street and will be 90x223 feet, and the other will be erected on Stacey street, covering an area of 90x201 feet. A third temporary warehouse of frame construction will be erected on Whittom street, and will be 300 feet long. Plans will be completed for the buildings early in August. Exteriors will be

faced with brick.

ISOLATION HOSPITAL—2 story, frame, \$15,000. Seattle, Wash. Architect, Huntington, Seattle. Owners, City of Seattle. The building is to form a part of the institution at Richmond Heights. The building will be composed of two wings, each 32x75 feet and an administration building 37x53 feet. One wing will contain two wards and separate rooms, and the other four wards. Plans will be ready for figures by August 10th.

HOTEL—3 story and base, steel and concrete, \$100,000. Seattle, Wash. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. This building has been mentioned here before. Pile foundation work is now complete and bids are being called for on the general construction. There will be stores on the first floor and a number of modern hotel rooms on the upper floors. Plans provide for steam heat, elevator service and metal window sash and frames. Exterior of the hotel will be faced with cement plaster.

LIBRARY—2 story and base, brick, stone and concrete, \$40,000. Seattle, Wash. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, City of Seattle. This work has been mentioned here before. The building will be known as the Yesler Memorial Library, and is to be erected at the corner of Yesler Way and 24th avenue. The design is in the classic style. Interior will be finished in pine, hardwoods and ornamental plaster. There will be steam heat and a vacuum cleaning plant. Exterior will be faced with stone and pressed brick. Plans are complete and figures are being taken.

FREIGHT DEPOT—1 and 2 story reinforced concrete. Cost not stated. Tacoma, Wash. Engineer, Engineering Department O. W. Ry. and Nav. Co., Tacoma. Owners, Oregon-Washington Railway and Navigation Co. Work will be started shortly on the construction of a 1 and 2 story freight depot in the present yards of the company at Tacoma. President Farrell of the company is the authority for the statement that plans for the work are now practically complete and that figures will be called for without delay.

FREIGHT DEPOT—2 story, steel, brick and concrete, \$45,000. Seattle, Wash. Architect, Engineering Department Northern Pacific R. R. Co., Seattle. Owners, Northern Pacific Co. The building has been mentioned here before. It will cover an area of 60x360 feet, and is to be erected on Terry avenue and Thomas street. Construction will be fireproof throughout. Floors and roofs will be of concrete. Upper floors will be used for company freight offices. Exterior will be faced with cement plaster. Plans are complete and figures will be called for at once.

CAR BARN—2 story and base, reinforced concrete, \$50,000. Seattle, Wash. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. Plans are being prepared for a municipal car barn and office building which will be erected at the corner of Union and Third avenues. The building will be 87x260 feet. The first floor will be arranged for car barn and repair shop, and upper floor for offices of the Municipal railroad. Exterior will be faced with cement plaster. Plans will be completed within a month and figures called.

UNIVERSITY BUILDINGS—Reinforced concrete construction, \$1,000,000. Seattle, Wash. Architect's name not given. Owners, University of the Puget Sound. It is stated on good authority that a million dollars will be expended by this institution within the next year on buildings. A part of this work, amounting to \$350,000, will be undertaken this year. Details of the project are not obtainable as yet.

SCHOOL—1 story and base, reinforced concrete, \$15,000. Marcus, Wash. Architects, Sweatt & Levesque, Spokane. Owners, Marcus School District. The building will be constructed in three units, each of which will cost \$15,000. The plans for the first unit have been completed and are now out for figures. There will be four class rooms. Plans provide for a central heating system. Interior finish will be of pine with some maple floors. Exterior will be faced with cement plaster. Plans can be secured from the architects.

Contracts Awarded.

APARTMENT HOUSE ALTERATIONS—3 story and base, brick, \$30,000. Seattle, Wash. Architect, J. Merrill Brown, Northern Bank Bldg., Seattle. Owners, Nebraska Investment Co. Contractor, John Kauffman, 605 8th Ave., Seattle. Contract price, \$30,000.

HOSPITAL—Administration building, 4 story and base, reinforced concrete, \$73,900. Seattle, Wash. Architect, Huntington, Seattle. Owners, City of Seattle. Contractors, Jenkins & Jones, Hinkley Bldg., Seattle. Contract price, \$73,900. This is the administration building of the Richmond Heights Hospital group.

FREIGHT DEPOT—1 and 2 story, reinforced concrete, \$104,000. Spokane, Wash. Architect, Engineering Department Chicago, Milwaukee and Puget Sound R. R. Co. Owners, Chicago, Milwaukee and Puget Sound R. R. Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Seattle. Contract price, \$104,000.

SCHOOL—2 story and base, brick, \$25,723. Camas, Wash. Architects, Fred A. Legg and George A. Kingsbury, Alnsworth Bldg., Portland. Owners, Camas School District. Contractors, Dannison & McClaran, Salem, Ore. Contract price, \$25,723.

BRIDGE—Concrete and steel, \$50,000. Fir, Wash. Engineers, Bowerman & McCloy, Mutual Life Bldg., Seattle. Owners, Skagit County. Contractors, Skagit Construction Co., Mt. Vernon. Contract price, \$50,000.

LARGE ACREAGE RESTORED TO PUBLIC DOMAIN.

Six Million Acres of Withdrawn Lands Classified by United States Geological Survey and Restored to Entry.

Six million acres of withdrawn public lands were restored to entry during the months of May and June upon approval by the Secretary of the Interior of the recommendations of the United States Geological Survey. This action was the result of examination and classification of the lands by the Survey, those restored either having been found not to be valuable for power sites, reservoirs, coal, phosphate, or potash deposits, or having been definitely valued as coal lands, and rendered available for purchase under the coal-land law.

Of these lands relieved from coal withdrawal nearly 2½ million acres were in the State of Colorado. Five and a half thousand acres were also withdrawn in Colorado as water-power sites.

In Idaho 1,100,000 acres of coal and phosphate withdrawals were classified and restored, and for water power sites approximately 10,000 acres were withdrawn and about the same acreage restored.

In Montana 250,000 acres were restored as being noncoal-bearing and about 1,000 acres as not valuable for water-power sites, while about 150 acres were withdrawn for that purpose.

In North Dakota nearly 1,400,000 acres in coal withdrawal were classified and restored.

In Oregon approximately 75,000 acres were restored as nonoil-bearing lands and about 12,000 acres were withdrawn for water-power or reservoir sites.

In South Dakota over 330,000 acres were relieved from the coal withdrawal.

In Utah about 1,500 acres were withdrawn for water-power sites.

In Wyoming over 47,000 acres of coal withdrawals were reopened to entry and purchase; approximately 87,000 acres were withdrawn for classification as to whether they are oil-bearing lands, and about 304,000 acres were restored as nonphosphate lands.

For all States the total withdrawals during the months of May and June were over 116,000 acres, and the total restorations were over 6,000,000 acres.

The total outstanding withdrawals on July 1 in all the public-land States amounted to 68,602,250 acres, of which more than 58 million acres are in coal-land withdrawals.

These lands are held pending classification by the Geological Survey, and as rapidly as they are found to be mineral bearing they are either valued and placed on sale (as in the case of coal lands), definitely reserved pending appropriate legislation by Congress to provide for their disposition (as in the case of potash or phosphate lands), or held subject to development under departmental regulations (as in the case of water power or reservoir reservations); or if they are found to be non-mineral in character they are restored to public entry. This work of classification and valuation is being prosecuted by the Geological Survey as rapidly as the appropriations provided by Congress will permit.

FIRST COAL DISCOVERY.

Richmond Basin in Virginia Produced Fuel Century and a Half Ago.

The presence of coal in the Richmond Basin of Virginia was known as far back as 1700 and mines were opened and worked at as early a date as 1750. In 1789 shipments were made to some of the Northern States. In 1822, according to R. C. Taylor, in his "Statistics of Coal," the production amounted to 51,000 short tons. For nearly a century the Richmond Basin maintained some prominence as a coal producer, but in 1882, when the Pocahontas district was opened, followed shortly afterward by the development of the New River field in West Virginia, the mines in the Richmond Basin were put at a disadvantage and operations were for many years practically suspended.

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ever, new life has been introduced into the Richmond Basin areas by the reopening of the old Gayton mines in Henrico County. For many years after the opening of the southwestern Virginia and the southern West Virginia coals the mines of the Richmond Basin lay idle or were worked only for a restricted local market. The Richmond Basin is the only area producing free-burning coal which lies immediately adjacent to the Atlantic seacoast.

MULTIPLICATION OF UNSKILLED WORKERS.

W. Jett Lauck, in the North American Review, discusses the lessening necessity of skill in workmen owing to the improvement of machinery. He says: "It is undoubtedly in all branches of industry which involve skill and responsibility, but the significant fact is that the constant invention and installation of new machinery have greatly reduced the number of skilled occupations." Because of the improvement of machine processes, workmen of little if any skill may be employed. Lauck says that it is a conservative estimate that three-fourths of the workers in our own industrial establishments are unskilled.

Are these three-fourths of the jobs to be filled permanently with low-grade men, men incapable of the skill of their forefathers who plied skilled crafts? If the eugenists are to be credited, everybody is to be brought up much above that level. Are all to be given a technical education so that they can be promoted to something else? But, in that case, who will take their place with the 75 per cent of unskilled jobs, which may be 80 or 90 per cent by that time if the machinery grows steadily more perfect and more easy to manage? There lies the dilemma of society, constantly striving for a skill which progress as constantly is making needless.

It seems plain that the course of events must assign to unskilled labor a large and increasing proportion of men of a superior sort whose superior abilities do not run in a technical line. Just as civil service posts, clerkships, constables, and so on, have given a living to men whose real business was waiting unprofitable looks, so the simple industrial processes which science and invention have evolved will, like the daily bread to many men of considerable gifts whose real life begins when the day's work ends. If it may even be creative work, poetry or a scientific hobby, if not, there is

the chance for study, for the reading of good books, and whatever education has been got will not be wasted. In the great majority, of course, no such intellectual spark has ever been kindled, but where it exists it should be cultivated to the utmost, and not necessarily as a means of what we call rising in the world. Not all who have brains should try to live by them; in our educational plans we must not forget the unskilled trades and the need of providing for those who, by the inexorable laws of arithmetic, must follow them. A dishwasher with a college education is provided for, and if his education enables him to look at life in the spirit of the philosophers he is better off than as a bad schoolmaster or a stickit minister. And he will leave, we trust, no soap in the teacups.—Springfield Republican.

A MADE TO ORDER CITY.

Among the great cities of the world there is not one whose growth and development has been more remarkable than Berlin's. And there is no other city, not even St. Petersburg, the development of which has been guided by so much forethought and system. In the early part of the last century Berlin was not one among the great cities. In 1820 the city had only 202,000 population. In 1910, including the suburbs in the count, there was a population of 3,400,000. Berlin is a typical of the New Germany. It is a city made largely in accord with blue-print plans.

The London World in recent comment upon the quick rise of Berlin to greatness remarks that Berlin dates from Sedan. It is declared that the modern German capital is the outward expression of a tumult of soul. The aim of those who have made the modern city, the London paper says, was to borrow all that is best from the other cities, in shops and palaces and improve on them and fuse them into something characteristically German. It is claimed that the result is a failure to improve, a failure to fuse and a failure to germanize. Berlin, says the British critic, conveys the sense of attempted ornamentation by people who do not understand the principles of ornamentation. And then this sour grapes commentator adds "that is why Americans like Berlin."

When the venom of the London World's discourse upon the marvelous growth of the German capital is extracted and the plain truth of the matter is told, the occasion of grievance will be recognized as based upon the fact that Berlin is a beautifully

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planned and artistically realized modern city, and not an incoherent ideas in architecture and landscape planning.—Baltimore American.

CIVIL ENGINEER STUDENT (MALE).

August 6 1913.

The United States Civil Service Commission announces an open competitive examination for civil engineer student, for men only, on August 6, 1913. From the register of eligibles resulting from this examination certification will be made to fill vacancies as they may occur in this position in the Office of Public Roads, Department of Agriculture, at a salary of \$720 per annum, and vacancies as they may occur in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

PASSING OF THE AGE OF IRON.

The United States Steel Corporation, which is the largest owner of iron mines in the United States and is one of the largest manufacturers of the metal in the world and is now working up 30,000,000 tons annually, is supposed to have in the lake districts 900,000 tons of ore and in Alabama and Tennessee 600,000,000 tons. It has been figured that at the present rate of consumption this great corporation has iron ore to last thirty-five years.

Of course, there is other iron ore in the United States than that owned by the great corporation mentioned, but as the mines are worked out iron goes up in price, and it is an article as necessary as food. The civilized world ca

not do without it. It is actually a question if we have iron enough to last fifty years, while the European supply is very limited.

There is a corresponding project of a scarcity of coal, too, but the growing use of electricity for light and power creates the ability to economize immensely in coal by using water-power to generate the current. The fact that electricity can be carried long distances on wires from the places where it is generated to where it is used creates the possibility of immense saving in the consumption of coal.

But nothing can take the place of iron, which has so largely taken the place of wood, and when the supply shall be greatly limited and approach the point of exhaustion, an irremediable blow will have been dealt to civilization.

The duration of the highest material civilization is limited by the world's supply of iron. Savage tribes have been able to exist with hatchets and arrow-heads of flintstone, and in a later age barbarian people made their metallic weapons and implements of copper, but the present is the era of the world's highest civilization—it is the Iron Age—and it was made so by the use of iron for the innumerable purposes for which no other metal or substance can be substituted.—New Orleans Picayune.

PANAMA CANAL ARCHITECTURE.

It is reassuring to learn from the last issue of the Panama Canal Record that the architectural features of the Panama Canal, both as to landscape and buildings, are in the hands of an architectural firm of note, the character of whose past work is a guarantee that the Panama Canal is not to be belittled by amateur architecture.

Too often in the past American engineering works of magnitude have suffered either from disregard or misapprehension of their architectural and æsthetic requirements. The outlines and masses which result from the strictly utilitarian principles of design which govern the engineer are frequently inharmonious and displeasing to the eye, and do violence to an æsthetic sense whose demands are becoming more insistent with the general spread of knowledge and artistic education. Sometimes, as in the case of the Brooklyn Bridge, a great engineering work is as ornamental as it is useful, and sometimes as in the case of the Williamsburg Bridge—surely the ugliest structure of its kind in existence—the result is artistically deplorable.

In our issue of February 8th of this year, we drew attention to the fact that the Panama Canal was in danger of being encased by the crude character of some of the structures which were being erected, and to prove our contention, we illustrated a range or light tower, which had been built on the outer wall of the lake approach to the Gatun Locks. This structure, designed in the offices of the engineering force at the Isthmus, is no doubt strong, stable and perfectly adapted to its purpose of showing a light in a central location at a fixed elevation for all time to come; but considered as an architectural work it is about as ugly and inharmonious a piece of design as mortal eye ever looked upon. We had hoped that by this time the tower had been replaced, either by a more grace-

ful design in reinforced concrete, or by a steel tower of open work construction similar in general outline to the Eiffel Tower. We understand, however, that any change in this direction is strongly opposed by the engineer in charge of that particular class of work.—Scientific American.

PROFITABLE SANDALWOOD MONOPOLY IN MYSORE.

[Consul Henry D. Baker, on special Service in India.]

A most remarkable gain has occurred in the value realized by last year's sale of sandalwood by the Mysore Government, which controls a practical monopoly of the world's supply of the high grades used for medicines and for scents. At this sale the usual quantity of about 2,500 tons offered brought about \$750,000, as against \$381,000, the value of the sandalwood sold during the year 1910-11. The general previous average, with unimportant variations, for the past 10 years, has been about \$400,000 annually. This extraordinary increased value has brought a quite unexpected substantial increase in revenue to the Mysore Government, and has been in the nature of a sudden cutting of a big "melon" for the benefit of this native Province of Southern India.

The reason for this almost doubling of the value of sandalwood within a year, while the price had previously never shown much fluctuation, are not at all understood by the officials of the Mysore Government, and they are greatly surprised by the high prices offered by European dealers, who gave no explanation as to the cause of the unusual demand. It is thought, however, that some new important use has been discovered for sandalwood by some manufacturing interests who are keeping the matter a secret. It is not known whether or not to expect these high values to continue.

The sandalwood trade is controlled chiefly by about half a dozen leading European firms, who act as agents in their purchases in Mysore for medicine manufacturers in Europe and in the United States. There are also a few native merchants in the business, but on account of some of them having yielded to the temptation of adulterating the high-priced oil after distillation, their trade has fallen off considerably, manufacturers in the United States especially desiring to be assured of the purity of the product, deeming it best to purchase the best wood obtainable and then to distill the oil themselves.

Sources of Supply—Varied Uses.

The chief sandalwood area of the world, producing about seven-eighths of the total annual supply, includes a belt in Mysore, about 240 miles long by 16 broad, running from the northwest to the southwest of the province. A second and much smaller and less important zone lies farther to the east. The total area of both belts is about 5,450 square miles. The grades and materials of sandalwood number about 18; the wood ranges in size from billets not less than 20 pounds in weight, the finest grade, down to the sawdust obtained in sawing up the wood, the lowest grade. Every part has a value. The heart wood alone, which is about one-third of the total weight felled, constitutes the odoriferous wood. In Mysore the collection of sandalwood is

entirely restricted to overmature, dead, and fallen trees, and old stumps and roots. All of the sandalwood in the State is owned by the Government, and very serious penalties are attached to any private encroachment on the Government monopoly.

RECENT ARCHAEOLOGICAL DISCOVERIES.

To the south of the "Street called Straight" in Damascus a series of streets forming concentric semi-circles has been found, which is supposed to have inclosed the site of a theatre of Roman times. The houses within the semi-circles are constructed on the top and sides of a great pile of rubbish. Among other discoveries made upon this site is to be mentioned that of a complete piece of the outer wall of an ancient temple. The wall is well preserved throughout its fifty feet of length and varies from twenty-seven to thirty feet in height. An inscription connected with the temple has been recovered; it mentions two men, Menedoros and Zenonos, as stewards of the temple, and is dated in the year 349 A. D. For some reason the name of Dioctetian has been erased from the text of the inscription. Near Marash, in Northern Syria, Garstang has discovered a royal monument of the Hittites. This monument is a slab of dolerite 1.20m. in height, by 66m. in breadth, by 34m. in thickness, and it bears upon the face of it in relief a man clad in the Hittite costume and holding a triangular-shaped bow against his shoulder. The figure is posed upon the back of an animal with a short tail, while above the figure is a winged rosette, a sign of royal rank. The monument dates in the ninth century B. C. The same scholar, Garstang, has finished his search of the site of Sakhite Genzi. By using sectional cuttings it has been possible to show that the strata penetrated date from the eighteenth to the twenty-sixth dynasties of Egypt. This is especially valuable for the determination of Hittite chronology. In the course of the work on this site the temple and several Hittite houses were found.—International Year Book.

GENCIA SHIPYARD REOPENED.

GENCIA (Solano Co.), July 18.—After being closed for eight years, the Benicia shipyard is again in operation.

It is yard, one of the pioneer concerns of the kind in the State, was long owned by the late Matthew Turner. A few months ago it was sold to James Robertson, formerly of the firm of Schulz, Robertson & Schulz of San Francisco.

Robertson has practically rebuilt the yard. Last week he received a cargo of 100,000 feet of shipbuilding lumber from Puget Sound.

BOND ISSUE ALLOWED.

The Railroad Commission gave a decision recently by which the San Joaquin Light & Power Corporation is authorized to issue bonds in the sum of \$1,776,000, and the company is given authority to pledge these for an issue of two-year 6 per cent collateral trust notes, with that notes may be issued of 75 per cent of the proceeds of the used in extending erty.

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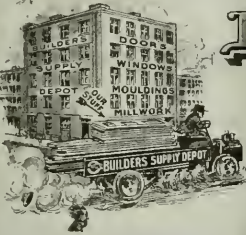
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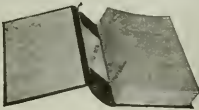
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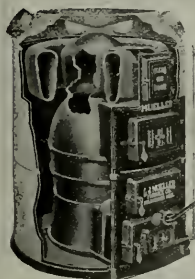
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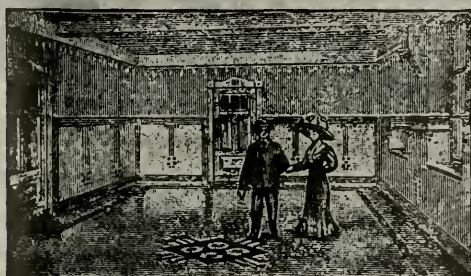
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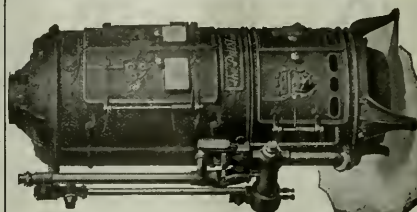
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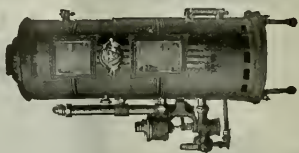
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Standard Portland
Cement Co.
Steiger Terra Cot-
ta & Pottery Wks.
Vallejo Brick &
The Co.
Waterhouse &
Petrie Co.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate
Western Lime &
Cement Co.
Whittier - Coburn
Woods & Hud-
dard
Worden Meeker
Varnish Co.

Cement Dealers.
Ageitinger, E.
Aisen's Portland
Cement Co.
Baker & Hamil-
ton
Bay Develop. Co.
Bell, Wm. R.
Bergner Mfg. Co.
Bird & Son, P. W.
Cal. Bldg. Mate-
rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.
Cut Lime & Hy-
drate Co.
Carnegie Brick &
Pottery Co.
Covell Lime &
Cement Co., H.
Diamond Brick Co.
Dwan Co., I. E.
Falls Mfg. Co.
Fuller & Co., W. P.
Gladding - Mc-
Lean Co.
Guerin & Co., J. S.
Holland, J. P.
Johns Manville
Co., H. W.
Jensen & Co., C.
Lennon Co., J.
Lilley & Thurston
Co.
Meyer, Adolph
Wood, Portland Ce-
ment Co.
Paraffine Paint Co.
Parrott & Co.
Quality Lime &
Cement Co.
Shannon, M. T.
Shasta Lime Pro-
ducers Co.
Shepherd - Kim-
ball Co.
Simon-Pont Brick
Co.
Standard Portland
Cement Co.
Steiger Terra Cot-
ta & Pottery Wks.
Vallejo Brick &
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Waterhouse &
Petrie Co.
Western Asbestos
Magnesia Co.
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Western Lime &
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Diamond Brick Co.
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Gladding - Mc-
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Woods & Hud-
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Worden Meeker
Varnish Co.

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Covell Lime &
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Falls Mfg. Co.
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Gladding - Mc-
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Guerin & Co., J. S.
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Parrott & Co.
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Shepherd - Kim-
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Waterhouse &
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Magnesia Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate
Western Lime &
Cement Co.
Whittier - Coburn
Woods & Hud-
dard
Worden Meeker
Varnish Co.

Cement Dealers.
Ageitinger, E.
Aisen's Portland
Cement Co.
Baker & Hamil-
ton
Bay Develop. Co.
Bell, Wm. R.
Bergner Mfg. Co.
Bird & Son, P. W.
Cal. Bldg. Mate-
rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.
Cut Lime & Hy-
drate Co.
Carnegie Brick &
Pottery Co.
Covell Lime &
Cement Co., H.
Diamond Brick Co.
Dwan Co., I. E.
Falls Mfg. Co.
Fuller & Co., W. P.
Gladding - Mc-
Lean Co.
Guerin & Co., J. S.
Holland, J. P.
Johns Manville
Co., H. W.
Jensen & Co., C.
Lennon Co., J.
Lilley & Thurston
Co.
Meyer, Adolph
Wood, Portland Ce-
ment Co.
Paraffine Paint Co.
Parrott & Co.
Quality Lime &
Cement Co.
Shannon, M. T.
Shasta Lime Pro-
ducers Co.
Shepherd - Kim-
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Simon-Pont Brick
Co.
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Cement Co.
Steiger Terra Cot-
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Vallejo Brick &
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Waterhouse &
Petrie Co.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate
Western Lime &
Cement Co.
Whittier - Coburn
Woods & Hud-
dard
Worden Meeker
Varnish Co.

Cement Dealers.
Ageitinger, E.
Aisen's Portland
Cement Co.
Baker & Hamil-
ton
Bay Develop. Co.
Bell, Wm. R.
Bergner Mfg. Co.
Bird & Son, P. W.
Cal. Bldg. Mate-
rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.

Carpanizer Iron.
Baker & Hamilton
Co. Mfg. Co.
Cas. Fixture.
American Gas &
Elec. Fixture Co.
Glass & Glazing.
Glass & Glazing
Co. Lumber & Window
Glass Co.
Cohen, L.
Lumber Co. W. P.
Grosshelt & Dim-
mick
Hobrecht &
Hawlett
Mission Plate &
Window Glass
Co.
Plumber Plate &
Window Glass
Co.
Schwarz & Gott-
lieb
Thomas & Sernel-
der Art Glass
Co.
Grading.
Brantick, J. P.
Butler, L. V.
Cassaretti, John
D'Amicenzi & Co.,
Lifton Teaming
Co.
Gallen, Carlin &
McCroly
Hartnett, J. D.
Holland, J. P.
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Leffler & Splinks
Luzzer, Ernest
McGuffigan, P. J.
McGlinchey &
Monahan
Monarch Team Co.
Montague Co., P.
Nonan Bros.
O'Day Co., Dan'l
O'Donnell, Philip
Olmo & Son, J.
Powers, Chas. J.
Rahman & Woods
Star Con. Co.
Wagner, C. I. H.
Granite Curbing
Graham Granite
Co.
Lee'l Granite Co.,
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Pacific Granite Co.
Pleaser Granite Co.
Gravel.
Bay Devil Co.,
Cal. Building Ma-
terial Co.
Crushed
Rock Co.
Stone Co. E. B. &
L.
**Hardwood Den-
tists.**
Hardwood Floor Co.
Hardwood Inter-
ior Co.
Wood Lumber Co.,
F. K.
Hardware, Bldrs.
Baker & Hamil-
ton
Brilliant & Co.
Bost Bros.
Marshall & Newell
Supply Co.
Meyer, Adolph
Norman & Sons
Co.
Palmer Hardware Co.
S. P. Hardware Co.
Smith Co., P. A.
Hay & Grain.
McIntire, E.
Farrell, M. W.
**Heating & Vent-
ilating.**
Althach & Mayer
Atlas Heating &
Ventilating Co.
General Eng. Co.
Klerman & O'Brien
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Son, Wm
S.
Turner Co., The
**Houses, Movers &
Hatters.**
Hatch, H. L.
Moore, F. A.
Pearson, A.
H.
Stanton, C.
Sullivan, D. J. & T.

Inside Floors.
Floor Co.
Hardwood Inter-
ior Co.
Inside Floor Co.
Floor Sand-
ing Co.
Iron & Steel.
Baker & Hamil-
ton
Dunson & Noyes
Hudson Mfg. Co.
Woods & Huddari
Iron Works.
Art Metal Works
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Fulton St. Iron
Works
Glasser & Kloeres
Golden Gate Iron
Works
Hilled Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works
North Star Iron
Works
Ralston Iron
Works
Sartorius Co.
Security & Iron
Works
Security Iron Wks
Steiger & Kerr
Wicks & Found-
ry Co.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.
**Joint Hangers &
Post Caps.**
Kortick & Falls
Mfg. Co.
Lille & Thurston
Co.
Waterhouse &
Western Bldrs.
Supply Co.
**Lathers, Wood &
Metal.**
Hayden, Fred
Lynch, Richard
McAbee, E. T.
Raymond, Wm. H.
Ward, L. E.
Lime & Plaster.
Lime & Plaster
Co.
Lander Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Jacobs Portland
Cement Co.
Quality Lime Pro-
ducts Co.
Western Lime &
Cement Co.
Lumber Dealers.
Aune Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hartwood Lum-
ber Co.
Hauptman Lum-
ber Co.
Krause Co., J. H.
Hood Lumber Co.
Loop Lumber Co.
MacDonald Lum-
ber Co.
Montgomery Mill
& Lumber Co.
Olson & Mahony
Lumber Co.
Pope & Tallard
Reinhart Mill &
Lumber Co.
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schweten & Co., J.
W.
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros. & Co.
Wood, Jos. P.
Wood Lumber Co.
E. K.
Yates, Wm. F.

**Magnesian Floor-
ing.**
Aluminum Mfg. Co.
Aluminum & Co.
Baker & Hamilton
Bartlett R. & F. Co.
Brooks & Co.
Electric Stone &
Lathing Co.
Flanery R. & P. Co.
H. H.
Goodman, A. K.
Higgins, Fred C.
Mason & Peter-
son
Tiernan & Beron-
son
Watson Co.
Munich, Ties &
Grates
Ginsberg Bros.
Hulse Tile Co.
Kawan & Dono-
van
Mangrum & Otter
Peerless Agencies
Co.
Petrovsky, John
Reynolds, J. W.
Watson Mantel &
Tile Co.
**Murble and Mosaic
Work.**
Florentine Art
Studio
Gervais, Henry
Guasco, M. H.
Grassi & Co., P.
Mason Concrete
& Mosaic Wks.
Musto Sons-Kee-
nan Co.
New Era Marble
& Concrete Co.
Neat Lath.
Atlantic Fire-
proofing Co.
Baker Oil Co.
Lille & Thurston
Co.
Roehling Constr.
Co.
Waterhouse &
Price
Western Builders'
Supply Co.
**Metal Stamping
& Corr. Co.**
Oils and Gréses.
Sponkel Oil Co.
**Ornamental Plas-
tering.**
Banner, Theodore
Larson, O. E.
Lille & Thurston
Co.
Woods, John P.
**Painters and Deco-
rations.**
Baker Co.
Bernstein, Wm.
Plum, Louis
Ruess, Joseph
Clark & Dickson
Covey, M. V.
Dahl T. H.
Donovan, V. J.
Erickson, Wm.
Flynn & Mikkel-
sen
Hansen, Elbing A.
Jourdain, Al.
L. Rayon Paint-
ing Co.
Miller, J. A.
McGibbin, James
Manning, John
Newell, J. J.
Quandt & Son
Petro & Co., J. F.
Funderman, I.
Schafer, Wm.
Scheidt, Wm.
Clark & Dickson
Smith, J. C.
Sovig, C. B.
Lettich Bros. &
Schneider
Snack & Sons.
John H.
Swanson, Peter
T. Globe Paint-
ers
Walker, Mayer
Wagner, Fred
Wicks & Found-
ry Co.
Zolensky R.
**Paints, Oils Var-
nishes, Etc.**
Clarks, E.
Buller Co., W. P.
O'Brien, J. S.
Darrah Paint Co.
Dart & Lambert
Whitler & Colburn
Co.
Warden & Mosker
Varnish Co.

Painting Chimneys.
Clawson Co., J. &
Dresner
Hugues, H. J.
Dunlevy & Gerth
Plum Draying.
Yosemite Constr.
Co.
Plumbing Mfrs.
Anderson Bros.
Birth Co., L. H.
Builders' Supply
Depot
Cal. Plumber Co.
Cal. Plumbing Mfr.
Ellington &
Hucke
Empire Plumb-
ing
Hermann, A.
Herring's Mill
Holden & Deuprey
Lorden Mill Co.,
J. P.
Main St. Plumb-
ing
Moore Mill & Lum-
ber Co.
Pac. Coast Mill &
Lumber Co.
Petersen Plumb-
ing
Reinhart Lumber
& Plumber Mfr.
San Mateo Plumb-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Searle & Hayman
Spencer St. Plumb-
ing Mill
Taylor & Co.
Usoma Mfg. Co.
Western Plumb-
ing
Veyhle & Collins
Yates, Wm. F.
Plasterers.
Brasley & O'Reilly
Brennan, James
Burt, Chas. J.
Campbell, Chas.
Cashman, M. J.
Chambers, H. A.
(Inc.)
Glosser, G. W.
Glosser & Kaiser
Cline, T. J.
Greenback, Joe
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, A. L.
Gilmour, W. G.
Jacobson, N.
Kaiser, John
Kaiser, Wm.
Mowat Donald,
Orford, J. A.
Phibbin, J. M.
Terranova, M. J.
The Pacific Plas-
tering Co.
Wagner, James
**Plumbing and Gas
Fitting.**
Althach & Mayer
Bosch Bros.
Bernard, Geo. F.
Condon & Band
Empire Plumbing
Flood & Ham-
mond
Goss, Wm. P.
Hart, Edward
Houston, J. J.
Jacobs & Herce-
Kara, F. E.
Kelly, Henry M.
Klerman & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
McLeach, J. J.
Perrazzi, H. J.
Skelly, Thomas
Sattick & Son, W. S.
Stewart, James F.
Tippett, J. C.
Turner Co., The
Wetzel, Then.
Wills & Co.,
Wm. P.
Plumbers Supplies.
Nelson Mfg. Co.
Western Mfg. Co.
**Freight & Pas-
senger.**
Kent, James B.

Railway Materials.
Lambert, Bacon &
Meyers.
O'Brien & Ar-
thur Koppel Co.
Real Estate.
Ludwig, J. C.
Roofing.
Yosemite Constr.
Co.
Lambuth, C. E.
Markley, James E.
**Roofing, Gravel &
Construction.**
Anders Roofing Co.
B. F.
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Cantley & Co., J.
Enterprise Roof-
ing Co.
Floresone &
Roofing Co.
Flanery, R. H.
Goodman, A. K.
Lawson Roofing
Co.
Lovett Bros.
Malott, Peterson
& Adams
Raphel Roofing
Co.
Samuel Co., H. D.
Tibbets Roofing
Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.
**Roofing (Shir &
T.)**
Graham, R. G.
White, Ed. A.
Roofing Materials.
Johns - Manville
Co., H. W.
Parade Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier & Churn
Co.
Sand, Gravel, Mr.
Bay Devil Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. &
L.
A. L.
Western Building
Material Co.
Western Develop-
ment Syndicate
**Sanitary Garbage
& Chutes.**
Bill & Jacobson
Sand Hauling.
McDonald & Son
Sheet Metal Wks.
Abrahamson B. P.
Appan Cornice
Works
Atlas Heating &
Ventilating Wks.
Barth Cornice
Works
Capitol Sheet
Metal Works
Conyns & Nygren
Crown Cornice
Works
Cornice
Works
G. & M. Sheet
Metal Works
Giffay Cornice
Hibberd Sheet
Metal Works
Hughes H. J.
Humbell Bros.
Ideal Cornice Wks.
Korell & Co. I. A.
Modern Sheet Met-
al Works
Morrison Co.
Olive, Cox &
Leary
Rulofson Metal
Window Wks.
S. P. Cornice Co.
S. P. Metal Stam-
ing & Corr. Co.
Scheidt, H. H.
Bosch Bros.
Dwan & Co.
McGulgan & Co.
John
Western Mfg. Co.
Delta
Western Builders'
Supply Co.

Stair Builders.
Bishop & Peramo
Boiler, John
Jacobson, I.
Johnson, C. Wm.
Long, E. W.
Porter, W. F.
Stewart, J. K.
Stearns, Elliott
Foster & Short
Steel Bars.
Baker & Hamil-
ton
Dunson & Noyes
Woods & Hud-
dard
Steel Erector.
Williams Con-
struction Co.
**Stenography and
Typewriting.**
Nichols Advertis-
ing Co., M. R.
Waterson, Elliott
Store Fronts.
Jorgensen & Co.
Kawner Mfg. Co.
Warehouse &
Price
Western Builders'
Supply Co.
**Structural Steel
Contractors.**
Judson Mfg. Co.
Schraeder's Iron
Works.
Western Iron Sup-
ply Co.
Woods & Huddari
Stoves.
Mangrum & Otter
Steiger & Kerr
**Structural Steel
Contractors.**
Bosch Bros.
Dwyer Bros.
Golden Gate Iron
Works
San Francisco
Iron Works
Lifton Iron Wks
Schauber, Fred C.
Zenith Iron Wks.
Surveyors.
Sanborn & Corin-
son
**Teaming & Grad-
ing.**
Brantick, J. P.
Dutton, L. V.
D'Amicenzi & Co.,
L.
Lifton Teaming
Co.
Gallen, Carlin &
McCroly
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Leffler & Splinks
Luzzer, Ernest
McGuffigan, P. J.
McGlinchey &
Monahan
Montague Co., P.
Nonan Bros.
O'Day Co., D.
Olmo, M. & O.
Powers, Chas. J.
Star Contracting
Co.
Wright Co., J. H.
Tiling.
Ginsberg Bros.
Ginsberg & Co., S.
Hulse Tile Co.
Klwan & Dor-
van
Mangrum & Otter
Peerless Agency
Petrovsky & A.
J. W.
Windows.
Aune Lumber Co.
Bill & Jacobson
Sherman, Kimball
Co.
Wall Beds.
Marshall & Steane
Co.
Water Company.
Spring Valley
Water Works
Whitewashing.
Brickley, P. J.
Reagle & Jamison
Tay, J. H.
Window Cleaning.
American Window
Cleaning Co.
City Window Clean-
ing Co.
Progressive Win-
dow Cleaning

BUILDERS' EXCHANGE

OF SAN FRANCISCO

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Vice-President, Richard Herring.
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Asst. Secretary, W. J. Carberry
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Bay City Iron Works.

Brode Iron Works.

Central Iron Wks.

Dyer Bros.

Eureka Iron Wks

Kortick - Falls

Mfg Co.

G. G. Structural

Hillard, C. J. Co.

Judson Mfg. Co.

Mortenson Cons.

Co.

Michaels & Pref-

er

Phoenix Iron Wks

Tallston Iron Wks

Schrad

Works.

St. Francis Orn.

Iron Works.

Ullman & Kerr

Stove & Found-

ry Co.

Julcan Iron Wks.

Western Iron Wks

Withington, C. W.

Art Glass.

Cal. Art Glass Co

Ingerson & Glaser

Co.

Ricks-Smith.

Paul Kleiber.

Bonds.

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ing Co.

Cordello & Cutler

Acina Life Ins. Co

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Empire State Sur-

ity Co.

Fidelity & Deposit

Co. of Maryland

Trans. M. A.

Gauert & Hauser

Hillman & Son, I. R.

Lawton, A. F.

Lloyd & Spengler

National Surety

Co.

Pacific Coast Sas-

sualty Co.

Pacific Surety Co

Brick and Pottery

Bay Development

Co.

Carey, J. E.

Carnegie Brick &

Pottery Co

Carquinez Brick &

Pottery Co.

McNair Brick Co.

E. E.

Peterson - Karts-

choke Brick Co

Paraffine Paint Co

Quality Lime and

Cement Co.

United Material Co

Waterhouse &

Price Co.

Western Bldrs

Supply Co.

Western Building

Material Co.

Fernald Co. The

Building Paper

Boyd & Moore

Lilly & Thurston

Co.

Cement Dealers

Balfour, Guthrie

Co.

Cowell Lime & Ce-

ment Co.

Holmes Lime Co

Holland, J. P.

Leonard, J. J.

Maynard, Jr., J. L.

Pacifica Portland

Cement Co.

Quality Lime and

Cement Co.

Western Building

Materials Co.

Standard Portland

Cement Co.

Concrete.

Chase, Silas A.

Camp & Carillon.

Duncanson, Har-

rison.

Foster & Vogt.

Gervais, H.

Goodman Artifi-

cial Stone Co.

Haun, C. C. W.

Keatinge & Sons, R.

Leonard, J. J.

Leonard, J. P.

Lynch, A. P.

Pasqualetti, J.

Stanquist & Tay-

lor.

Stanquist &

Zimmerman, L. M.

Concrete Rein-

forcement.

Lilly & Thurston

Co.

Contractors &

Builders.

Allen, Alex. M.

Anderson, W. W.

Arthur, L.

Bennett, J. C.

Boring, F. H.

Born & Son, S. A.

Brady, C. A.

Franklin Bros.

Burdick, Wm. A.

Caldwell & Co.
Cameron & Dis-

son.
Cavanaugh & Ve-

zina.
Chisholm, R. A.

Cobby, J. W.
Concanon, W. N.

Conrad, H.
Dewar, R. & Son.

Elliot, E. W.
Fahy, R.

Fischer, Fred.
Frank, Val.

Frost, T. P.
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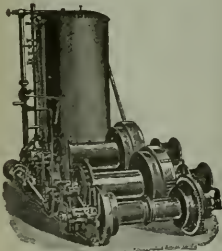
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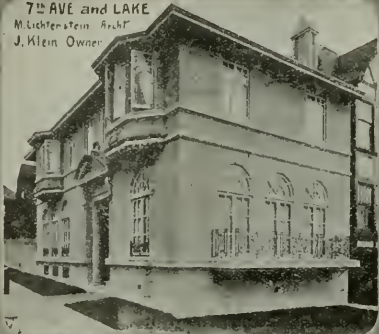


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Double window, both panes open

Double window, both panes open

Double window, both panes open

Double window, both panes open

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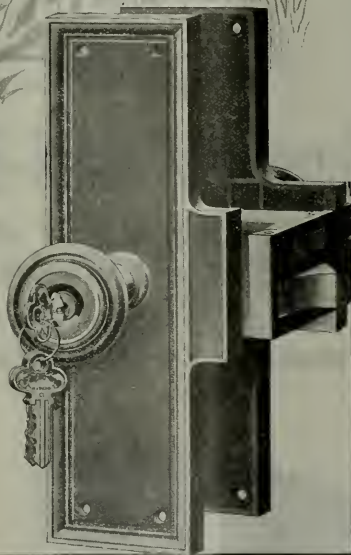
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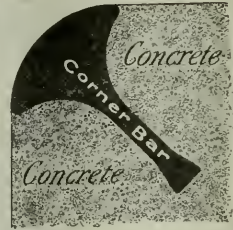
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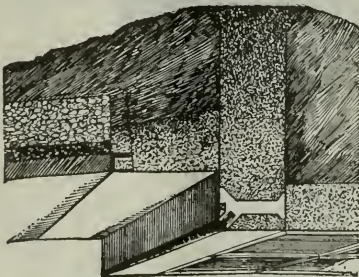


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Editorial Comment.

The decision made by the administration leaders and committees of the houses of Congress yesterday to forbid all importations of arms into Mexico rather than to favor the insurgents by permitting the importation of arms by either faction was one that does credit to their good senses as well as accords with the spirit of humanity that should animate our nation. Whatever may be the morals of the contest in Mexico, for the government of the United States to take a position that we are willing and glad for both sides to buy weapons of us with which to cut each other's throats sounds too much like the act of an assassin for hire.

There is a growing impression in the United States that whatever may be the merits of the controversy between the Mexican factions, Diaz, Madero, Huerta, or whoever may happen to be the figurehead, there is a faction in control of the government at Mexico whose interests are antagonistic to granting any real constitutionalism for the republic and that this faction must be unhorsed before there can be any lasting peace to the south of our border. Madero started out to fight this interest, but soon succumbed to its influence, and in his turn was overthrown when its master spirits found that his weaknesses would prevent his success. The same interest has set up Huerta and is willing in turn to overthrow him, and put up some one else. The refusal of the United States to give its moral support to the existence of the Huerta government has been a bitter disappointment to the people who have put him in power.

It has been unjust for the United States to administer its law in such a way as to favor Huerta as against Carranza or the other insurgent leaders. On the other hand, to seem to endorse the present butchery by permitting the sale of arms to both sides would have been worse still. There should be hereafter an embargo on all shipments of guns and ammunition from this country.—Fresno Republican.

The Japanese owners of farm lands are seeking to escape the limitations of the present alien land law by incorporating and turning over their holdings to the corporations. Reports state that a great number of incorporation papers have been filed with the Secretary of State during the past few days and it is supposed that many more will be filed before August 10th, the date on which the referendum clause of the constitution provides that laws will go into effect after their passage. Just how far this will evade the law has not yet been determined. But the decisions

of the better judges and the trend of legislation of late has been to prevent the escape of responsibility for acts through incorporation. That is that a person incorporates a company and by the creation of this fictitious person escapes the responsibility of his acts. The incorporation of companies to take over the land of alien owners and then transfer the ownership of the aliens to stock certificates is a question that will have to be decided by the courts as to status of ownership. And if the present law does not cover the situation there is no reason why one that does should not be enacted in the future.

Everybody should remember that today is the last day to register for the municipal bond election. Get in an register and vote for the bonds. The railroads will pay for themselves. And besides we'll get some sort of car service and be in a measure independent of the domination of the United Railroads. Exercise some independence and throw back the insult that is daily offered to your intelligence by Patrick Calhoun and M. H. De Young.

The Call has started a crusade against Chief White of the Police Department. It has always been a question in the minds of the people why the present Chief was appointed. Certainly his previous training never fitted him for the job. And it is doubtful if he ever would have been appointed much less retained by the present administration had he not been connected with an important public service corporation.

A great hue and cry is being raised by the United Railroads and their votaries about the proposed bond issue for the municipal railroads and the increasing indebtedness of the city. That the taxpayers will be overburdened if the bond issue passes; and that generally the city is going to the demdition bow-wows if the bonds are voted.

Here is the proposition. The United Railroads have to pay interest on about 50 millions of watered capital. The people have to pay it. Why in God's name can't the city pay interest on an actual investment under the same circumstances and put some money aside?

The proposed bond issue will take over the Union Street line, a railroad already established and earning a big revenue. It will add nine additional lines to the present Geary Street line making a complete municipal system. There can be no question about the roads paying for themselves. Why then should the people not vote for the system that will tend to free them from the dictation of the trolley trust and will at the same time put money in the treasury? Register now and vote for the bonds on August 26.

Accident Prevention At Saw Mills.

By C. D. Gray in the "Wood-Worker."

"Two Killed, Two Hurt, when Boiler Explodes." "Saw Mill Engine Blown Up." "Carried to Horrible Death when He Trips on Lever." "Saw Mill Man Killed in Boiler Explosion." "Fatally Injured in Saw Mill."

These are typical headlines which confront the reader of the newspapers in lumber manufacturing districts. They indicate, even to the casual observer, that the operation of saw mills is carried on at a considerable cost in the way of injuries and deaths to employees. While many of the accidents reported in the items of which the captions are shown above, happened at portable mills in the country districts, others were recorded at important plants and were fairly typical of what is happening right along.

It would be absurd to say that saw mill men are less mindful of their obligation to their employees and to the community than other manufacturers; yet it may be assumed that a large proportion of the accidents which are constantly reported is due to carelessness or neglect in some form or other. In other words, many of the injuries inflicted, resulting in permanent disability, or death, were easily preventable.

Americans are typical and characteristically prodigal of natural wealth, and, it is believed by many, of human life. The free waste of this country, to take a prominent example, has assumed appalling proportions, simply because the average man is too busy with other things to keep his premises free from excessive hazards. Preventable diseases are reaping annual tolls that ought to rouse every citizen of the country to positive measures of assistance in bringing about better conditions of health and sanitation. Accidents in industrial plants happen that might have been avoided, and the cost to individual and the community mounts high.

It is probably true that the saw mill, as a general proposition, is as free as any wood-working establishment from accidents. In the first place, the character of the work is such that grown men must be employed for the most part, and this fact leads to better conditions, inasmuch as youngsters are proverbially careless, and the use of them in box factories, flooring factories and other wood-working plants where the work is within their strength, is usually accompanied by a fairly large percentage of accidents.

But just as the saw mill has fewer accidents, as far as number is concerned, it also has more serious ones. If a man is hurt in a saw mill the chances are that his injuries are more serious than if he were an accident victim in a planing mill or furniture factory, because of the heavier character of the machinery employed. Hence the necessity of care is all the more emphasized.

As indicated by some of the headlines quoted at the beginning of this article, boiler explosions are all too numerous, especially at small mills,

where not enough attention is given to the proper operation of power plants. The portable boiler and engine are usually given pretty rough treatment; not enough care is taken to keep a sufficient amount of water in the boiler, and the inevitable frequently happens. This is also due to the fact that frequently no one is delegated specially to operate the power equipment, and in the case of the little mill the man operating the saw is supposed to keep a weather eye on the boiler, and tries to keep it supplied with water and fuel. This condition makes for accidents, but the use of greater care even here would be of considerable assistance.

In the larger mills with stationary power plants, inspections should be held regularly, and the boilers gone over carefully to see that they are in good condition. It is a noticeable fact that while mills are frequently closed to enable repairs and alterations to be made, especially after a long run, attention is usually confined to the saws and their appurtenances, and less given to the boilers than is really necessary. When the opportunity is presented for cleaning out the boilers, removing scale and insuring the proper maintenance of the equipment, it should be taken advantage of.

The use of guards on saws in lumber manufacturing seems to be impracticable, as it would be a hard matter to arrange a safety device to advantage. This only emphasizes the need of care in sawing. Not a great many accidents happen at the saw itself, however, though occasionally reports are made of men being tripped and thrown against the saw, or of the saw being started accidentally, causing an employee working in its vicinity to be injured. The United States Steel Corporation has adopted a danger signal, to be used in all its plants, a red ball, the emblem being hung at every point where there is danger of somebody being hurt. Every saw mill should adopt this idea and place the crimson symbol of danger at the saw, as a constant warning to its employees never to relax their vigilance against accident.

While the big saws cannot be protected, there is no reason why the other manufacturing equipment in the mill should not be kept as safe as possible. The edgers and trimmers should have guards mounted upon them, as their installation will not interfere to any extent with the work being done, and may help a great deal, though the hazard here is minimized by the fact that the employee seldom comes very close to the saws used in edging lumber. Resaws can be guarded, and are frequently protected in up-to-date mills. The increasing use of the resaw argues in favor of more attention being given this feature.

Probably the most prolific source of accident in the mill grows out of the carelessness shown in regard to protecting transmission equipment. Inasmuch as steam power is used universally, and it must be carried long dis-

tances in order to supply energy for the saws, conveyors and other equipment, there is necessarily an unusually large amount of transmission machinery in the way of belts, hangers and pulleys. In some mills of considerable pretensions as manufacturing plants it takes almost the agility of an acrobat to make progress through the maze of belts and hangers, especially in the lower portion of the mill. This is leaving exposed a danger point that can easily be protected. Large belts, especially, should be fenced in, a few boards nailed around them being better than no protection at all. Belting is necessary and must be used, but there is nothing to be gained by allowing it to remain a constant menace to the safety of those working in the mill.

In connection with conveying equipment, numerous gears and cogs must be used; and it is a significant commentary upon the care given this feature that in many mills where the owners should, and probably do, know better, these gears are left unprotected, and are likely at any time to cause serious injury by catching the clothing of some passer-by and drawing him into the meshes of the cog wheels. Boxes for these cogs can be put on without much expense of time or money, and the added point of safety is well worth considering. Ordinarily the mill, if it is of any size, has a machine shop which can be employed to turn out protective devices for this and other dangerous features of the mill, and as the amount of material needed is inconsequential, the improvement can usually be made without any trouble.

In the yard the piling and handling of logs is a matter of great importance. The extravagance of handling logs without a derrick is so patent that for this reason alone the old-fashioned plan of yanking logs off the car by a rope and then dragging them up an incline into the mill, should have been eliminated. There are still some mills which use this plan, however. The danger involved in handling logs in this way is more than considerable, and the character of the damage inflicted to the body of an employee caught under a log is particularly severe. In erecting log piles the base of the pile should be broad enough to eliminate the danger of the timber rolling off, and care should, of course, be taken in moving them to the mill.

The derrick itself should be erected and maintained with more than ordinary care. A good many serious accidents have happened because the boom or mast of the derrick collapsed under a heavy load, investigation showing that in many cases it had not been properly put up in the first place. A thorough test at the time of erection would eliminate this trouble. In this connection it might be mentioned that all-steel derricks are now being put out which seem to offer special advantages in the elimination of this danger. Their greater strength is probably the chief

claim being made for them by the manufacturers, however.

Most lumbermen understand the necessity of piling so as to get a solid and substantial stack, and it is not often that a pile collapses and causes any accidents. It is an occasional form of injury reported from lumber plants, however, and may be mentioned incidentally for that reason.

As a general proposition, industrial accidents are due equally to the negligence of the manufacturer and the carelessness of the employee. That is another way of saying that to eliminate preventable accidents, co-operation between them is needed. If the saw mill operator does all in his power to make his plant safe, then insists of the active co-operation of his men along the same line, he will not have much difficulty in noting an improvement in his plant in this respect.

OCCUPATIONAL DISEASES.

During one of the legislative committee hearings recently, Mr. Andrew Furuseth, quoting Browning, said "A country is wealthy in proportion to the number of healthy men and women whom it possesses." The picture of an influential labor-leader quoting Browning before a joint committee of the legislature is interesting and sounds like an account of an afternoon tea party, but Mr. Furuseth was very much in earnest; he was arguing for a bill designed to protect the health of certain workmen. The statement noted is true and the importance of protecting the health of workmen is great. There exists in Milan, Italy, a special scientific institute for research on industrial diseases, and England, Germany, and other nations have collected much valuable information on occupations in relation to disease. The United States thus far has done little.

Two years ago the legislature of California passed a bill requiring the reporting of all persons ill as a result of working with lead, phosphorus, arsenic, mercury, anthrax or compressed air. The Governor approved the bill, and this year there has been placed before him for consideration a bill providing a farther extension of the list of reportable diseases, and establishing an administrative method for thorough investigations and control of all important conditions favoring occupational diseases.

There occurred June 8-13, 1913, in Rome, the fourth National Conference on Occupational Diseases. An organization which holds annual meetings in the United States—The National Association for Labor Legislation—has paid particular attention to occupational diseases in this country during the past few years, and has had a marked influence in stimulating interest in the subject. It is to be hoped that in 1915 an exhibit on this subject may be presented in San Francisco. Secretary Andrews of the American association mentioned, stated recently before the National Civic Federation that at least 13,000,000 cases of illness among workers and a money loss of \$750,000,000 annually, had been estimated as due to occupational diseases in the United States.—From the Report of State Board of Health.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 8 story and base, concrete and steel, \$85,000. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner's name withheld. The building will be erected on one of the few choice sites remaining vacant in the apartment house district. Interior will be arranged for a large number of two and three room suites, all of which will have connecting baths and wall beds. Finish will be of pine and hardwoods with some ornamental plaster. There will be elevator service, hot water plant, steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Bath rooms will have cement floors and tile wainscot. Plans are now being prepared. Further mention will be made of the work as the plans progress.

SAN FRANCISCO—Apartment house, 4 or 5 story and base. Class C construction. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District and will contain in the neighborhood of 65 rooms arranged in two and three room suites. Interior finish will be of pine and elm panels. Some hardwood floors will be used. There will be steam heat, an automatic elevator and hot water plant. All suites will have wall beds and connecting bath rooms. Bath rooms will be finished with cement floors and tile wainscot. Exterior of the building will probably be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$6,000. Architect, C. O. Clausen, Phelan Bldg., E. F. Owner, Louis D. Stoff, Maskey Bldg. The building will be erected on the west side of Jones street south of Jackson and will have a frontage of 25 feet and a depth of 67 feet. Interior has been arranged for six suites of two and three rooms each. Trim will be of pine with some elm panels. Hardwood floors will also be used. There will be wall beds and private baths. Bath rooms will be wainscoted with tile. A hot water system will be installed. Exterior of the building will be covered with rustic, shiplap and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 6 story and base. Class C, \$75,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, James H. Hjul. The building will be erected on the south side of Sutter street west of Jones, and will cover an area of 68 feet 9 inches by 137½ feet. Plans have been arranged for 66 suites of two, three and four rooms. Interior finish will be of pine and hardwoods. All suites will have private bath rooms and will be equipped with wall beds. There will be steam heat, elevator service, vacuum cleaning system and hot water supply. Some ornamental plaster will be used. Marble and tile will be used in the entrance and lobby. Bath rooms

will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owner, D. Miller, 21st St., Oakland. The building will be erected on 21st street between Webster and Harrison streets. Suites will be arranged in two and three room apartments. Interior finish will be of pine throughout. There will be private bath rooms and wall beds. Plans provide for a central heating system and hot water supply. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$14,000. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owners, Mr. and Mrs. Mertens. The building will be erected on the south side of Fulton street east of Gough, and has been designed to contain fourteen suites of two and three rooms. Interior finish will be of pine with some elm veneer. Hardwood floors will be used in the principal rooms. There will be a central heating system and hot water supply. All apartments will be equipped with wall beds and will have private baths. Bath rooms will be finished in tile. Some tile will also be used in the kitchens. Exterior of the building will probably be covered with cement plaster on metal lath and brick veneer. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Apartment house, 4 story and base, brick and steel, \$80,000. Architect, Eugene Mathewson, Forsyth Bldg., Fresno. Owner, J. D. Stratham. This work has been mentioned here before when plans were first started. Working drawings are now being completed. The building will be erected on the corner of Mariposa and M streets, covering an area of 100 feet square. Interior has been arranged for 38 suites of two, three and four rooms. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat, two electric elevators and a vacuum cleaning system. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Considerable marble and tile will be used in the entrances. Plans are nearly complete.

BANKS.

PASADENA, LOS ANGELES CO., CAL.—Bank additions, 7 story and base, reinforced concrete, \$100,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Citizens' Savings Bank. This work has been mentioned here before. At present there is a one-story reinforced concrete building on the site and six stories will be added. First floor will be remodelled for banking rooms and upper

floors will be subdivided into about 16 offices to the floor. Steam heat and elevators will be included in the work. Exterior will be faced with pressed brick and terra cotta. Plans are nearly ready for figures.

Contracts Awarded.

FILLMORE, VENTURA CO., CAL.—Bank, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Farmers' and Merchants' Bank of Fillmore. Contractors, Sweetser & Baldwin Co., 9th and Los Angeles streets, Los Angeles. Contract price not stated. The contract includes bank equipment.

CHURCHES

OAKLAND, CAL.—Church, 1 story, frame, \$5,000. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, St. Peter's Parish. The building will be erected in Rock Ridge Park. Interior will be arranged for a main auditorium and Sunday school rooms. All interior finish will be of pine or redwood. Some art glass will be used. Exterior of the church will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

TILLAMOOK, ORE.—Church, 1 story and base, brick. Cost not stated. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Tillamook. The building will be designed with a high basement which will be used for Sunday school rooms. Main floor will contain an auditorium seating 350 people. Interior finish will be of pine throughout. There will be a central heating system, probably warm air. Ornamental plaster and art glass are specified. Exterior of the building will be faced with pressed brick and stone. Plans are complete and are now out for figures. Plans can be secured from the architects.

MARSHFIELD, ORE.—Church, 1 story and base, reinforced concrete, \$20,000. Architect, D. C. Lewis, couch Bldg., Portland. Owners' name withheld. The Sunday school rooms, social hall and kitchen will occupy the basement floor. Main floor will be used for the auditorium and pastor's study. Interior finish will be of pine throughout. A central heating system will be installed. There will be art glass windows, ornamental plaster and some marble work. Exterior of the church will be faced with cement plaster. Plans are now being prepared.

EUGENE, ORE.—Mausoleum, 1 story, reinforced concrete and stone. Cost not stated. Architects, Ellis F. Lawrence associated with William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Portland Mausoleum Co., Spaulding Bldg., Portland. The building has been designed to contain six receptacles. Exterior will be faced with marble and cut stone. Interior finish will be of stone, ornamental bronze and iron. Heavy ornamental bronze and iron gates and window grilles will also be used. The work will include modern plumbing and electric work. Plans are complete and figures are being taken.

COLTON, SAN BERNARDINO CO., CAL.—Church, 1 story and base, brick and frame, \$18,000. Architect, Norman L. Marsh, Broadway Central Bldg., L. A. Owners, Jewel Methodist Congregation. The building has been designed

in the Classic style and will cover an area of 70x40 feet. Interior finish will be of pine throughout. Foundations will be of concrete and superstructure will be of frame faced with pressed brick veneer. Besides the main auditorium there will be Sunday school rooms, social hall and pastor's study. Plans are complete and figures are being taken.

Contracts Awarded.

SAN MATEO CO., CAL.—Mausoleum. Class A construction, \$85,000. Architect, C. C. Cummings, Monadnock Bldg., S. F. Owners, Modern Mausoleum Co. Contractors, Roberts Bros., Sheldon Bldg., S. F. Contract price, \$85,000.

COURT HOUSES.

SAN FRANCISCO—City Hall, 4 story and dome. Class A construction, \$1,500,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids will be opened on July 30th for erecting the structural steel for the new City Hall. A complete list of the figures as opened will appear in the next issue of the Building and Industrial News.

FACTORIES & WAREHOUSES.

VAN NUYS, LOS ANGELES CO., CAL.—Factory, 2 and 3 story and base, brick and concrete. Cost not stated. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owners, Murray-Harris Organ Co. The building will cover an area of 200x300 feet. Foundations will be of concrete and walls of brick faced with stock brick or cement plaster. Plans will include pine trim and floors, metal window sash and frames, elevators and a central heating system. Plans are now being prepared.

Contracts Awarded.

KETCHIKAN, WASH.—Cold storage plant, 5 story and base, reinforced concrete, \$110,000. Architect's name not given. Owners, Northern Dock Co. Contractor, A. W. Quist, Hoge Bldg., Seattle. Contract price, \$110,000. Note: This contract does not include the machinery.

FIRE HOUSES.

GLENDALE, LOS ANGELES CO., CAL.—Fire house, 2 story and base, brick. Cost not stated. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. This work has been mentioned here before when plans were first started. The building will cover an area of 50x70 feet. First floor will be given over to the apparatus room and upper floor will be arranged for sleeping rooms. Interior will be finished in pine throughout. There will be a central heating system and modern plumbing. Exterior of the building will be faced with tapestry brick. Bids are now being taken and will be opened on August 4th. Plans can be secured from the architects or from G. B. Woodberry, City Clerk.

SEATTLE, WASH.—Fire house, 2 story and base, brick and frame, \$12,000. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. The building will be erected on the Hunter Boulevard, and has been designed for three pieces of apparatus on the first floor and sleeping rooms above. Inter-

rior will be finished in pine. There will be special plumbing and electric work. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and figures are being taken.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,000. Architect, none. Owner, Henry Scholten, 1522 Santa Clara Ave., Alameda. The building will be erected on the north side of Howard street west of Lafayette avenue, and will cover an area of 50x70 feet. Interior will be arranged to contain nine flats of four and five rooms and bath. All interior trim will be of pine or redwood. Modern plumbing, including 30-gallon boilers, will be installed. Bath room floors will be of tile. Terrazzo steps are specified. Exterior of the building will be covered with ship-lap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Flats, 3 story and base, frame, \$9,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the north side of Page street near Webster, covering an area of 25x65 feet 9 inches. Interior will be arranged for six modern flats with baths. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places with brick or tile mantels. Bath room floors will be of tile. Wall beds are to be used. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken. Art glass, wall beds, finish hardware and shades are not to be included in the contract.

SAN FRANCISCO—Flats, 3 story and base, frame, \$15,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The building will be erected in the Western Addition and has been designed to contain six apartments of four rooms each. Interiors will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the living rooms and reception halls. All bed rooms will be equipped with wall beds. A central heating system and open fire places will be installed. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be covered with brick veneer, rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, August Nordin, Mills Bldg., S. F. Owners, J. H. and M. E. Plante. The building will be erected on Sharon street south of 15th. There will be three modern flats of five and six rooms. Interior finish will be of pine and redwood, some hardwood floors will be used. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and ship-lap. Plans have been out for figures and a contract will be awarded within a day or two.

SAN FRANCISCO—Flats, 2, 2 story

and base, frame, \$5,000 each. Architect, none. Owner, C. A. Rushon, 714 9th avenue, S. F. These buildings will be erected on the west side of 9th avenue south of Cabrillo, and each has been designed to contain two modern flats of five and six rooms. Each building will have a street frontage of 25 feet and will extend back a distance of 60 feet. Interiors will be finished in pine with some elm panels. There will be hardwood floors in the living rooms, dining rooms and reception halls. Plans provide for open fire places with brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with klinker brick veneer, rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day labor. He is now in the market for all materials.

BERKELEY, ALAMEDA CO., CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, none. Owner, B. E. Kennedy, 2539 Milvia St., Berkeley. The building will be erected at the northeast corner of Parker and Milvia streets and has been designed to contain twelve rooms, which are to be arranged in two flats. Interior finish will be of pine and redwood. Some hardwood floors are specified. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and in the hands of the owner. Work will be done by Day Labor and he is now purchasing all materials.

GARAGES.

SEATTLE, WASH.—Garage, 1 story and base, brick, \$12,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owner, O. W. Fisher. The building has been designed for a private garage, and will be erected on property in the rear of the owner's new residence on Belmont avenue. There will be storage space for five machines and a completely equipped repair shop. Exterior of the garage will be faced with pressed brick. A cement floor and metal window sash and frames are specified. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Puget Sound, Air Compressor.
The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., July 12 for furnishing air compressor with accessories at the navy yard, Puget Sound, Wash.:
Item 1, reciprocating air compressor and compressor foundation, complete; 2, turbine-driven rotary air compressor and foundation; 3, compressors and accessories, fulfilling in every respect the performance requirements of the specification, but with such modification in design as bidders may suggest; 4, deduct from items 1, 2, or 3 for omitting foundation; 5, deduct from items 1, 2, or 3 for omitting the condenser and cooler tube corrosion process, as described in paragraph 26.
Charles C. Moore & Co., engineers, 1st street, San Francisco, Cal., item 1, 14 ft, \$50,617; 10 ft, \$49,500; item 4,

deduct \$3,912 for 11 ft and \$2,795 for 10 ft; item 5, \$3,500.
Laidlaw-Dunn-Gordon Co., 115 Broadway, New York city, item 1, \$47,555; alternate, \$50,175; item 4, deduct \$3,600; alternate, deduct \$3,800; item 5, deduct, \$2,475; alternate, deduct \$2,475.

San Francisco, Cal., Appraisers' Store.
As previously reported, the contract for an electric wiring system, lighting fixtures, etc., in the U. S. appraisers' stores, San Francisco, Cal., was awarded to the General Electric Construction Co., 223 Minna street, San Francisco, Cal. In the prosecution of the work the following fixtures and material will be used: Cabinet and tablet, Drendell Electric Co., "Docme;" conduit, American Conduit Co., "Galvanite;" metal molding, National Metal Molding Co.; plug receptacles, Harvey-Hubbell; snap switches, General Electric Co.; rubber-covered wire, General Electric Co.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns: San Francisco, Water Pipe, August 2.
R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.
Central Foundry Co., 90 West street, New York city.
Lidgerwood Manufacturing Co., 96 Liberty street, New York city.
U. S. Cast Iron Pipe and Foundry Co., 1421 Chestnut street, Philadelphia, Pa.
Treadwell Construction Co., Midland, Pa.
R. S. Bishop, Evans Building, Washington, D. C.

Canal Circular 787-D.

The Isthmian Canal Commission will open bids August 5, 1913, under canal circular 787-B, for furnishing the following material and supplies:
Class 1, 44 chequered steel plates.
Class 2, 77,000 feet cold-twisted reinforcing steel bars.
Class 3, 183,000 feet galvanized-steel wire.
Class 4, 1,700 lineal feet galvanized-steel wire mesh.
Class 5, 2,000,000 pounds oats.

San Francisco, Quarantine Station.

The bid of Tiernon & Doronio, San Francisco, Cal., \$606.51, has been accepted for furnishing miscellaneous lumber for the above building.

Fort Peck Indian School, Hospital.

The contract for the construction of a brick hospital at the Fort Peck Indian School, Mont., has been awarded to E. L. Oleson, Poplar, Mont., at \$9,864.

Orders have been received at the Constructing Q. M. Office, Fort Mason, Cal., authorizing the preparation of plans for altering old Fort Point in the Presidio of San Francisco into a Federal Prison. Plans are to be rushed that they may be ready by the time that the Secretary of War and General Leonard Wood, Chief of Staff, and the Chief of the Quartermaster's Corps arrive in San Francisco, which will be during the latter part of this month.
Engineer O. W. Degen, Constructing Quartermaster's office, Fort Mason, is

now preparing plans for this work and states that it will require a large expenditure, but that an estimate has not been completed. The work will include a large amount of interior partitions, plastering, mill work, roofing, plumbing, painting, electric work and light fixtures, steel cells, a complete steam heating system, modern kitchen equipment and oil burning system.

In connection with this project there will be constructed quarters for the accommodation of 15 officers. Five sets of new officers' quarters will be constructed. Old Fort Point will take the place of Alcatraz Prison, which is to be converted into an immigration station.

San Francisco, Marine Hospital.

As previously reported the contract for the installation of conduit and wiring system in the U. S. marine hospital, San Francisco, was awarded to the Decker Electrical Construction Co., 111 New Montgomery street, San Francisco, Cal. In the prosecution of the work the following fixtures and material will be used: Conduit, American Conduit Mfg. Co.; conduit fittings, boxes, Sprague Electric Co.; conduits, Crouse-Hines Co.; rubber-covered wire, General Electric Co.; snap switches, do; cut-outs, do; metal molding, National Metal Molding Co.

HOTELS.

SAN FRANCISCO—Hotel, 2 story and base, brick and steel, \$18,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected in Chinatown and will cover a small inside lot. The first floor will be arranged for stores and the hotel entrance. Upper floor will contain a number of guest rooms and baths. Running water will be supplied to all rooms. Interior finish will be of pine and redwood. There will be modern plumbing and electric work. Exterior of the building will be faced with cement plaster. Stores will have plate glass windows and patent store fronts. Plans are complete and a general contract will be let this week.

OAKLAND, CAL.—Hotel, 6 story and base, brick and steel, \$65,000. Architect, William Wilde, Albany Bldg., Oakland. Owner, Charles Streit. This building has been mentioned here a number of times before when the plans were first started. Contracts have been let for the excavating, concrete and steel work. The building will be erected at the northeast corner of 11th and Franklin streets, and will be arranged with a number of stores on the first floor and guest rooms above. Many of the rooms will have private baths. Interior finish will be of pine and hardwood with ornamental plaster in the lobby and office. Bath rooms will have tile floors and wainscot. There will be steam heat, elevator service and a vacuum cleaning plant. Exterior of the building will be faced with pressed brick. Bids are now being taken for the general construction.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architects, Neher & Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. The building will be erected on Hope street near 8th and has been designed to cover a lot 60x155 feet. Interior will

he arranged for a lobby and offices on the first floor and in the neighborhood of 96 rooms and 60 baths on the upper floors. Interior finish will be of pine with some ornamental plaster. Bath rooms will have tile floors and wainscot. Plans provide for steam heat, elevator service, and a hot water plant. There will be metal window sash and frames. Interior partitions will be of metal lath and plaster. Exterior of the hotel will be faced with artificial stone. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, J. Domozz. The building will cover a ground area of 50x110 feet. There will be a total of 50 rooms nearly all of which will have connecting baths. There will be steam heat, elevator service and a vacuum cleaning plant. Running hot and cold water will be supplied to all rooms. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 12 story and base, reinforced concrete. Cost not stated. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. The building will be erected on Spring street south of 4th, covering an area of 65x155 feet. The first floor will contain one store, barber shop, large lobby, buffet, sample rooms and parlors. Upper floors will be arranged for a total of 275 rooms with 264 baths. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Interior finish will be of pine and hardwoods. There will be elevator service, steam heat, vacuum cleaning system and hot water plant. Exterior of the building will be faced with glazed brick and terra cotta. Metal window sash and frames will be used. Working drawings are nearly complete.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick and steel, \$55,000. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owners, H. L. Squires and N. S. Meigs. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$55,000. Note: The building will contain 121 rooms. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$65,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, G. I. Jacoby. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$65,000.

HOSPITALS.

SAN RAFAEL, MARIN CO., CAL.—Hospital, 1 and 2 story and base, reinforced concrete, \$40,000. Architect, Thomas O'Connor, 104 D St., San Rafael. Owners, Marin County. Architect O'Connor has been commissioned by the Marin County Board of Supervisors to prepare plans and specifications for a new and modern County Hospital which is to replace the building recently destroyed by fire. The new hospital will be erected in Lucas

Valley, about four miles from San Rafael, and will be of the reinforced concrete type of construction, absolutely fireproof throughout. The design will be in the Spanish Mission style, closely following the lines of the old Mission San Rafael. Interior will be arranged for about seventy-five rooms, besides the operating rooms, nurses' quarters and administrative offices. Interior will be finished in pine and hardwoods. Tile will be used extensively. There will be a central heating system and other modern improvements. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. An estimated cost of \$40,000 has been placed on the work. Plans will be ready to be submitted to the Board of Supervisors at their next meeting and if final approval is given the plans, bids will be advertised for at once.

SEDRO WOOLEY, WASH.—Hospital group, 4, 2 story and base, reinforced concrete, \$50,000 each. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, State of Washington. The State institution at Sedro Woolley, known as the Northern State Hospital, will be improved with the construction of four new buildings. These buildings have been designed for wards, nurses' quarters and an administrative building. All will be supplied with steam heat from a central plant. Exteriors will be faced with cement plaster. Plans are complete and have been approved. Bids will be opened on August 9th by the State Board of Managers at Olympia. Plans and specifications can be secured from the architects.

LOS ANGELES, CAL.—Hospital, 3 story and base, brick and steel, \$50,000. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, French Hospital Association. This building was mentioned here when preliminary sketches were made. Further details of construction are now available. The building will be 38x120 feet and will contain 25 private rooms, major and minor operating rooms, accident room and ten bath rooms. Interior finish will be of pine throughout. Bath rooms will be finished in tile. There will be a complete steel frame, brick filler walls and glazed brick facing. Plans include elevator service, steam heat and a vacuum cleaning system. Working drawings are being prepared.

Contracts Awarded.

SAN FRANCISCO—Hospital screens, \$9,152. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, P. J. Sullivan, Jr., S. F. Contract price, \$9,152. A complete list of the figures opened for this work appears under the heading of San Francisco in this issue.

LIBRARIES.

BAKERSFIELD, KERN CO., CAL.—Library, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, City of Bakersfield. The building will be erected on Baker street and has been designed in the Classic style. There will be two reading rooms, stack room and librarian's office. Interior finish will be of pine and hardwood. Metal stacks will be used. Exterior of the building will be faced with cement plaster. Plans and specifications are on file with H.

F. Murdoch, City Clerk, Producers' Bank Bldg. Bids are now being taken and will be opened on August 9th.

RENTON, WASH.—Library, 1 story and base, brick and concrete, \$10,000. Architect, H. H. Ginnold, Epler Block, Seattle. The building will be designed in the Classic style and will cover an area of 45x90 feet. Interior finish will be of pine and hardwood. There will be a central heating system, probably furnace heat. Plans provide for a large public reading room, librarian's office and stack room. Some ornamentation iron will be specified. Exterior of the building will be faced with cement plaster. Plans are being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Paving roadways. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for paving the east roadway and the Fillmore street entrance to the Exposition Grounds have been completed. Bids are now being taken for this work. Plans and specifications can be secured from the Director of Works. Bids will be opened on July 31st. An official proposal appears in another column of this issue.

SAN FRANCISCO—Structural steel for Fine Arts Building. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for furnishing, fabricating and erecting the structural steel for the Fine Arts Building show close figuring on the three propositions, A, B, and C, calling for all work, fabrication and furnishing and for erecting. Dyer Bros. were low at \$123,000, for all work under proposition A, while the United States Steel Products bid for furnishing and fabricating and J. G. Williams Construction Co. bid for erecting combined was \$294 lower than Dyer Bros.' bid. No contracts have been awarded. A complete list of these figures appears under the heading of San Francisco in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, J. E. McCarthy, Anglo Bldg., S. F. Owner, J. C. Kirby, 2947 18th St., S. F. The house, which has been designed for a seven-room dwelling, will be erected on 19th avenue, north of Anza. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now purchasing all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,800. Architect, none. Owner, C. A. Hall, 1218 5th avenue, S. F. The house will contain seven rooms and bath, and will be erected on 5th avenue north of Parmassus. Interior will be finished in pine and hardwood. Hardwood floors

will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Some brick veneer will also be used. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, A. H. Gerds. The dwelling will be erected near the University Campus, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will be finished in tile and tile wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, A. D. Grimwood. The dwelling will be erected on Mesa avenue in Piedmont, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room, den and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be finished in tile and tile wainscot will also be used in the kitchen. There will be an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and now out for figures.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architects, Hutchinson Bros., 470 13th St., Oakland. Owner, Mrs. D. Nunn. This dwelling will be erected in the Broadmoor Tract, and has been designed for and eight-room house with bath and sleeping porch. Interior finish will be of pine and white enamel. Hardwood floor will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles and shiplap. Plans are complete and figures are now being taken by the architects.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,500. Architect, William H. Hatchell, Jr., First National Bank Bldg., Berkeley. Owner, J. W. Clarke. The house will be erected at Adams Point, and will contain in the neighborhood of ten rooms, baths and sleeping porch. Interior will be finished in pine, redwood and hardwood. Floors in the principal rooms will be of hardwood. Bath rooms will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water

heater will be installed. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The house will be erected on Mesa avenue, and will contain in the neighborhood of eight rooms, bath and sleeping porch. All interior finish will be of pine and white enamel. Bath rooms will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will cost \$150 each and will be of brick and tile. Hardwood floors will be used in the living room, dining room, den and reception hall. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now ready for figures.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Frank S. Forster, 1417 Arch St., Berkeley. Owner, Dr. C. L. Roadhouse. The dwelling will be erected in North Berkeley, and will contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been revised and new figures are now being called.

SAN JOSE, SANTA CLARA CO., CAL.—Cottages, 1 story and base, frame. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: Frank Bosmanic, South Park street west of Gardiner, San Jose, 1 story, frame, five-room cottage, \$1,400, and W. F. Gilman, 530 Hull avenue, San Jose, 1 story frame, four-room cottage, \$1,600. Owners will purchase all materials.

PACIFIC GROVE, MONTEREY CO., CAL.—Bungalows, 5, 1 story and base, frame, \$2,000 each. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Conference Claimants Endowment Fund. Each of these houses will contain five rooms and bath. Interiors will be finished in pine with some hardwood floors. There will be a large open fire place with tile or brick mantel in each living room. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

DIXON, SOLANO CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architects, Salfeld & Kohlberg, Clunie Bldg., S. F. Owner, Henry Peters. The house will contain in the neighborhood of ten rooms, several baths and a sleeping porch. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the living room, dining room, den and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen.

An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RUTHERFORD, NAPA CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, L. M. Turton, Napa. Owner, Fred S. Ewer. This work has been mentioned here some months ago when plans were first started. The house will contain in the neighborhood of twelve rooms, baths and sleeping porch. Interior finish will be of pine and hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of stone and brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, E. A. Pearce, Sacramento. The dwelling will be erected on Carnegie avenue and 21st street. The house has been designed to contain five rooms and bath. All interior finish will be of pine. Some hardwood floors will be used. There will be an open fire place with brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,800. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, John Lundholm. The dwelling is to be erected at the corner of 8th and Santa Clara avenue, and will contain six rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owner is now purchasing all materials.

OAKLAND, CAL.—Residences, 1, 1 and 1, 2 story and base, frame, \$2,600 and \$3,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. McWilliams. These two dwellings will be erected on 21st street between 5th and 7th avenues. Houses will contain six and seven rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of brick. Tile will be used in the bath rooms. Exteriors will be covered with cement plaster on metal lath. Plans for both houses are complete and work will shortly be started by Day Labor. All materials are now being purchased.

PORTLAND, ORE.—Residence, 3 story and base, brick, \$60,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owner, Gordon Voorlees. The dwelling will be erected in Waverly Heights and will cover a ground area of 40x100 feet. The dwell-

ing will contain in the neighborhood of 20 rooms, several baths and sleeping porches. Interior finish will be largely of hardwoods, although considerable selected Oregon pine will be used. Hardwood floors will be used throughout except in the bath rooms which will have composition floors. Plans provide for steam heat, a vacuum cleaning system and open fire places. Bath rooms will be finished in tile. Mantels will be of brick and stone. A hot water plant will be installed. Plans call for a considerable amount of ornamental plaster and ornamental iron and bronze. Exterior of the dwelling will be faced with pressed brick and cement plaster. Plans are now out for figures. Bids will be opened on August 1st.

SCHOOLS.

PORTLAND, ORE.—School, 2 story and base, brick and steel. Cost not stated. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, City of Portland. The building has been designed for a modern high school and will cover a large ground area. Plans provide for sixteen class rooms, large assembly hall seating 350 people, domestic science and manual training departments, teachers' rooms, principal's office and library. Interior finish will be of pine with maple floors. There will be steam heat, a vacuum cleaning system, slate blackboards, program clocks and a bell system. Exterior of the building will be faced with pressed brick. Plans are complete and have received the approval of the Board of Education. Bids are now being taken and will be opened on August 9th. Plans can be secured from the architects.

SAN FRANCISCO—School fire escapes, \$3,440. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for furnishing and erecting fire escapes on the Yerba Buena School show Dyer Bros. low at \$3,440. A complete list of these figures will be found under the heading of San Francisco in this issue.

BANNING, RIVERSIDE CO., CAL.—School, 1 story and base, brick and concrete, \$17,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Banning School District. The building will cover an area of 60x100 feet and has been designed to contain four class rooms, assembly hall and study rooms. Interior will be finished in pine with some maple floors. There will be a plenum heating system. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Bids will be called for as soon as bonds can be sold.

LONG BEACH, LOS ANGELES CO., CAL.—Schools, 3, 2 story and base, brick and concrete, \$55,000 and \$30,000. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Long Beach School District. One of the buildings will be a two-story brick structure, 74x76 feet, containing sixteen class rooms, assembly hall, studies and offices, and domestic science and sloyd rooms. It will cost \$55,000. The other two buildings will be 65x165 feet, containing twelve rooms each, with auditorium and manual training rooms,

and will each cost \$30,000. The buildings will be equipped with plenum heating systems. Bonds for the work have been voted. Bids will be called for as soon as the bonds can be sold.

Contracts Awarded.

PHOENIX, ARIZ.—School, 2 story and base, brick and steel, \$125,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Phoenix. Contractor, O. L. Tuell, Phoenix, general construction, \$111,874; B. F. Hulse, Los Angeles, heating, \$4,744, and E. F. Jones, Phoenix, painting, \$5,192. Note: The building will cover an area of 280x120 feet.

PORTLAND, ORE.—College buildings, 2, 3 story and base, brick and steel, \$117,700. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owners, Oregon Agricultural College. Contractors, Snook & Travis, Salem. Contract price, \$117,700. Note: This contract does not include heating or electric work.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Steam pipe for pumping plant. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids will be received up to and including the first day of August by the Board of Fire Commissioners for furnishing and installing a 2½-inch steam pipe at Pumping Station No. 1. Plans can be secured from the Secretary of the Board of Fire Commissioners in the Temporary City Hall.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base, brick and steel, \$12,000. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Francis Ward. This work has been mentioned here before when the architect first started working drawings. The building will be erected on a corner site and has been arranged for a furniture store and cafe. Interior will be finished in pine with some hardwood. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architects, Morgan, Wall & Morgan, Van Nuys Bldg., L. A. Owner, W. G. Kerckhoff. The building is to be erected at the northwest corner of 6th and Los Angeles streets and will cover an area of 50x150 feet. Construction will be fireproof throughout with a complete steel frame, brick walls, faced with pressed brick and terra cotta. Floors and roof will be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. There will be metal trim, metal window sash and frames. Interior finish will be of hardwoods, marble and tile. Plans provide for steam heat, mail chutes, a vacuum cleaning system and elevator service. There will also be patent store fronts, sidewalk doors, lights and lifts. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Office building, 14 story and base. Class A construc-

tion. Cost not stated. Architect, Thornton Fitzhugh, Consolidated Realty Bldg., L. A. Owners, Building Owners Co. The building will be erected on the west side of 6th street between Hill and Olive streets, covering an area of 66x150 feet. There will be a number of stores on the first floor and a total of 325 offices on the upper floors. Construction will be fireproof with a complete steel frame, hollow tile and metal lath and plaster interior partitions. Plans provide for a number of elevators, steam heat, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with pressed brick and terra cotta. Interior will be finished in hardwoods, marble and metal trim. Plans are complete and figures are being taken on the general construction. Contracts have already been awarded for the excavating, foundation work, structural steel and terra cotta.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base, brick and steel, \$25,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. S. H. Van Nuys. The building will cover an area of 50x150 feet. There will be stores on the first floor and light lofts above. Interior finish will be of pine throughout. There will be metal window sash and frames. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Restaurant finish and fixtures, \$10,000. Architects, Smith & Stewart, 244 Kearny St., S. F. Owners, Old Dragon Restaurant. These owners have leased the second floor of the premises at 920 Market street and will spend in the neighborhood of \$10,000 in decoration, finish and fixtures. The work will include interior finish, which will be of hardwood, ornamental plaster, stucco, art glass and imported tapestries. The work also calls for plumbing and electric work and kitchen equipment. Plans are complete and a general contract will be let.

Contracts Awarded.

PORTLAND, ORE.—Stores and hall, 4 story and base, brick and steel. Cost not stated. Architect, Robert F. Tegen, Swetland Bldg., Portland. Owners, Paul Van Firdaugh and Mrs. Hortense Taylor. Contractors, Litherland-Abbrey Co., Beck Bldg., Portland. Contract price not stated.

LOS ANGELES, CAL.—Stores and lofts, 3 story and base, brick and steel, \$37,000. Architect's name not given. Owner, M. H. Newmark. Contractors Alta Planning Mill Co., 830 McGarry St., L. A. Contract price, \$37,000.

LOS ANGELES, CAL.—Stores, 1 story and base, brick, \$31,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, David Hewes. Contractors, Willard-Slater Co., 2214 Santa Fe Ave., L. A. Contract price, \$31,000.

THEATRES.

Contracts Awarded.

SEATTLE, WASH.—Theatre, 4 story and base, reinforced concrete and steel, \$200,000. Architect, Warren Milner, Arcade Bldg., Seattle. Owner's name not given. Contractor, S. G. Cobbs, Arcade Bldg., Seattle. Contract price, \$200,000. Note: The building will cover an area of 60x125 feet.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 787.—Proposals for Lenses and Lens Standards, and Supports for Light Houses, Slate Urinal and Closet Stalls and Fittings, Pillar Cranes, Switch Stands, Angle Bars, Galvanized Steel Sheets, Steel Plates, Horseshoes, Ratchet Braces, Snows, Hoods, Water Coolers, Stable Brooms, Hackaway Blades, Paint Brushes, Air Brake Hoses, Leather, Cotton Canvas, Ship's Pelt, Oakum, Vitrified Sewer Pipe, Vitrified Life Conduit, Chloride of Lime, Unslacked Lime, Linseed Oil, and Chrome Yellow.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., August 4, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 787) may be obtained from this office or the commanding officer of the purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR SALE OF MATERIALS.

SALE OF OILY MATERIAL.—There will be sold at the navy yard, Mare Island, Cal., material belonging to the Navy, condemned as unfit for use, hereon, consisting of whale boats, cutters, launches, life boats, chain diving suits, lamps, clothing, furniture, dishes, press-copy material, flags, books, scrap rubber, musical instruments, scales, refrigerators, ordnance, ordnance stores, boiler tubes, engines, pumps, machine tools, ingot brass, scrap iron and steel, etc. The sale will be for cash to the highest bidder by sealed proposals to be opened at 1:30 p. m., August 11, 1913. Schedules containing form of proposals and terms of sale can be obtained upon application to the general storekeeper, navy yard, Mare Island, Cal. JOSEPHUS DANIELS, Secretary of the Navy.

PROPOSALS FOR SURVEY BOAT.
MOTOR SURVEY BOAT.—U. S. Engineer Office, 401 Custom House, San Francisco, Cal.—Sealed proposals for constructing and delivering a motor survey cruiser will be received at this office until 12 o'clock a. m., August 1, and then publicly opened. Information on application. THOMAS H. REES, Lt. Col. Engineers.

PROPOSALS FOR CROSS ARMS AND INSULATORS.

CROSS ARMS, INSULATORS, ETC.—U. S. Reclamation Service, Los Angeles, Cal.—Sealed proposals will be received at this office until July 31, 1913, under advertisement No. 215, for furnishing 520 cross arms, galvanized iron braces, earlaze and machine bolts, 1,600 insulator pins, 1,600 insulators, 90 strain insulators, 180 galvanized guy-wire clamps, and 50 galvanized guy-wire clamps. For further information address O. H. ENSIGN, consulting engineer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 787-B.—Proposals for Chlorinated Steel Pipes, Steel Reinforcing Bars, Steel Wire Steel Wire Mesh and Oats.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 2:30 p. m., August 5, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 787-B) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR STEAM PIPE.

PROPOSALS FOR STEAM PIPE.
CIRCULAR OF THE BOARD OF FIRE COMMISSIONERS.—San Francisco, Cal.—Sealed proposals of the Board of Fire Commissioners dated July 19, 1913, sealed proposals will be received in open session of the

Board on Friday, August 1, 1913, between the hours of 8:30 and 9 o'clock a. m. for furnishing, constructing and installing a 24-inch steam pipe at Pumping Station No. 1 of the San Francisco Fire Department, in strict accordance with the conditions contained in the proposal blanks prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of said Board, 1231 Market street, San Francisco, Cal. BOARD OF FIRE COMMISSIONERS. Frank T. Kennedy, Secretary.

PROPOSALS FOR BUILDING.

BUILDING.—Sealed proposals invited "Proposals for Gunners' Quarters and Filling House" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., August 16, 1913, and then and there publicly opened, for a gunners' quarters and a filling house at the naval magazine, Puget Sound, Wash. Amount available, \$7,500—\$6,000 for gunners' quarters and \$1,500 for filling house. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR WATER PIPE.

WATER PIPE.—Sealed proposals invited "Proposals for Pipe Line" will be received at the bureau of yards and

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE.—2 story and base, frame, \$3,000. San Francisco. Architect, J. E. McCarthy, Anglo Bldg., S. F. Owner, J. C. Kirby, 3947 15th St., S. F. The house, which has been designed for a seven-room dwelling, will be erected on 19th avenue north of Anza. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now purchasing all materials.

RESIDENCE.—2 story and base, frame, \$2,800. San Francisco. Architect, none. Owner, C. A. Hall, 1318 5th Ave., S. F. The house will contain seven rooms and bath, and will be erected on 5th avenue north of Parnassus. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Some brick veneer will also be used. Plans are complete and work will be done by Day Labor.

APARTMENT HOUSE.—8 story and base, concrete and steel, \$85,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner's name withheld. The building will be erected on one of the few choice sites remaining vacant in the apartment house district. Interior will be arranged for a large number of two and three room suites all of which will

docks, Navy Department, Washington, D. C., until 11 o'clock a. m., August 2, 1913, and then and there publicly opened, for water pipe from Yerba Buena Island to Oakland, Cal. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval training station, San Francisco, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL REINFORCEMENT, CONCRETE, LUMBER, ETC.

STEEL REINFORCEMENT, CONCRETE, LUMBER, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m., August 6, 1913, for earthwork and structures on the second unit of Dodson North Canal, laterals and waste water ditches, involving about 300,000 cubic yards of excavation, 1,200 cubic yards of reinforced concrete, the placing of about 300,000 pounds of steel reinforcement and the placing in wooden structures of about 140,000 feet, b. m. of lumber. The work is situated on the north side of Milk River, adjacent to the main line of the Great Northern Railway in the vicinity of Vagner, Exeter and Malta, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont.; Malta, Mont. F. H. NEWELL, director.

have connecting baths and wall beds. Finish will be of pine and hardwoods with some ornamental plaster. There will be elevator service, hot water plant, steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Bath rooms will have cement floors and tile wainscot. Plans are now being prepared. Further mention will be made of the work as the plans progress.

APARTMENT HOUSE.—4 or 5 story and base. Class C construction. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District, and will contain in the neighborhood of 65 rooms, arranged in two and three room suites. Interior finish will be of pine and elm panels. Some hardwood floors will be used. There will be steam heat, an automatic elevator and hot water plant. All suites will have wall beds and connecting bath rooms. Bath rooms will be finished with cement floors and tile wainscot. Exterior of the building will probably be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE.—3 story and base, frame, \$6,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner Louis D. Stoff, Maskey Bldg. The building will be erected on the west side of Jones street south of Jackson, and will have a frontage of 25 feet and a depth of 67 feet. Interior has been arranged for six suites of two and three rooms each. Trim will be of pine with some elm panels. Hardwood floors will also be used. There will be wall beds and private baths. Bath rooms will be wainscoted with tile. A hot water system will be installed. Exterior of the building will be covered with rustic, shipyard and brick veneer. Plans are complete and in the hands of the owner, who

will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—6 story and base, Class C, \$75,000. San Francisco. Architects, Palch & Knoll, Hearst Bldg., S. F. Owner, James H. Hjul. The building will be erected on the south side of Sutter street west of Jones, and will cover an area of 68 feet 9 inches by 137½ feet. Plans have been arranged for 66 suites of two, three and four rooms. Interior finish will be of pine and hardwoods. All suites will have private bath rooms and will be equipped with wall beds. There will be steam heat, elevator service, vacuum cleaning system and hot water supply. Some ornamental plaster will be used. Marble and tile will be used in the entrance and lobby. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owners, Mr. and Mrs. Mertens. The building will be erected on the south side of Fulton street east of Gough, and has been designed to contain 14 suites of two and three rooms. Interior finish will be of pine with some elm veneer. Hardwood floors will be used in the principal rooms. There will be a central heating system and hot water supply. All apartments will be equipped with wall beds and will have private baths. Bath rooms will be finished in tile. Some tile will also be used in the kitchens. Exterior of the building will probably be covered with cement plaster on etal lath and brick veneer. Plans are now being prepared.

CITY HALL—4 story and dome. Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids will be opened on July 30th for erecting the structural steel for the new City Hall. A complete list of the figures as opened will appear in the next issue of the Building and Industrial News.

FLATS—3 story and base, frame, \$16,000. San Francisco. Architect, none. Owner, Henry Scholten, 1522 Santa Clara Ave., Alameda. The building will be erected on the north side of Howard street west of Lafayette avenue, and will cover an area of 50x70 feet. Interior will be arranged to contain nine flats of four and five rooms and bath. All interior trim will be of pine or redwood. Modern plumbing, including 30-gallon boilers, will be installed. Bath room floors will be of tile. Terrace steps are specified. Exterior of the building will be covered with shiplap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

FLATS—3 story and base, frame, \$9,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the north side of Page street near Webster, covering an area of 35x68 feet 3 inches. Interior will be arranged for six modern flats with baths. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places with brick or

tile mantels. Bath room floors will be of tile. Wall beds are to be used. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken. Art glass, wall beds, finish hardware and shades are not to be included in the contract.

FLATS—3 story and base, frame, \$15,000. San Francisco. Architects, Palch & Knoll, earst Bldg., S. F. Owner's name withheld. The building will be erected in the Western Addition, and has been designed to contain six apartments of four rooms each. Interiors will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the living rooms and reception halls. All bed rooms will be equipped with wall beds. A central heating system and open fire places will be installed. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be covered with brick veneer, rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owners, J. H. and M. E. Plante. The building will be erected on Sharon street south of 15th. There will be three modern flats of five and six rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap. Plans have been out for figures and a contract will be awarded within a day or two.

FLATS—2, 2 story and base, frame, \$5,000 each. San Francisco. Architect, none. Owner, C. A. Rushton, 714 9th avenue, S. F. These buildings will be erected on the west side of 9th avenue south of Cabrillo, and each has been designed to contain two modern flats of five and six rooms. Each building will have a street frontage of 25 feet and will extend back a distance of 60 feet. Interiors will be finished in pine with some elm panels. There will be hardwood floors in the living rooms, dining rooms and reception halls. Plans provide for open fire places with brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with klunker brick veneer, rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. He is now in the market for all materials.

HOTEL—2 story and base, brick and steel, \$18,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected in Chinatown and will cover a small inside lot. The first floor will be arranged for stores and the hotel entrance. Upper floor will contain a number of guest rooms and baths. Running water will be supplied to all rooms. Interior finish will be of pine and redwood. There will be modern plumbing and electric work. Exterior of the building will be faced with cement plaster. Stores will have plate glass windows and patent store

fronts. Plans are complete and a general contract will be let this week.

SCHOOL FIRE ESCAPES—\$3,440. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for furnishing and erecting fire escapes on the Yerba Buena School show Dyer Bros. low at \$3,440. A complete list of these figures will be found under the heading of San Francisco in this issue.

STEAM PIPE FOR PUMPING PLANT—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids will be received up to and including the 1st day of August by the Board of Fire Commissioners for furnishing and installing a 2½-inch steam pipe at Pumping Station No. 1. Plans can be secured from the Secretary of the Board of Fire Commissioners in the Temporary City Hall.

STORES—1 story and base, brick and steel, \$12,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Francis Ward. This work has been mentioned here before when the architect first started working drawings. The building will be erected on a corner site and has been arranged for a furniture store and cafe. Interior will be finished in pine with some hardwood. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

RESTAURANT FINISH AND FIXTURES—\$10,000. San Francisco. Architects, Smith & Stewart, 244 Kearny St., S. F. Owners, Old Dragon Restaurant. These owners have leased the second floor of the premises at 920 Market street and will spend in the neighborhood of \$10,000 in decoration, finish and fixtures. The work will include interior finish which will be of hardwood, ornamental plaster, stucco, art glass and imported tapestries. The work also calls for plumbing and electric work and kitchen equipment. Plans are complete and a general contract will be let.

PAVING ROADWAYS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for paving the east roadway and the Fillmore street entrance to the Exposition Grounds have been completed. Bids are now being taken for this work. Plans and specifications can be secured from the Director of Works. Bids will be opened on July 31st. An official proposal appears in another column of this issue.

STRUCTURAL STEEL FOR FINE ARTS BUILDING—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for furnishing fabricating and erecting the structural steel for the Fine Arts Building show close figuring on the three propositions, A, B. and C, calling for all work, fabrication and furnishing and for erecting. Dyer Bros. were low at \$123,000 for all work under proposition A, while the United States Steel Prod-

ucts' bid for furnishing and fabricating and J. G. Williams Construction Co.'s bid for erecting, combined was \$391 lower than Dyer Bros.' bid. No contracts have been awarded. A complete list of these figures appears under the heading of San Francisco in this issue.

Contracts Awarded.

HOSPITAL SCREENS—\$9,152. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, P. J. Sullivan, Jr., S. F. Contract price, \$9,152. A complete list of the figures opened for this work appears under the heading of San Francisco in this issue.

SCHOOL—2 story and base, brick and steel, \$125,000. Phoenix, Ariz. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Phoenix. Contractor, O. L. Tuell, Phoenix, general construction, \$111,874. B. F. Hulse, Los Angeles, heating, \$4,744, and E. F. Jones, Phoenix, painting, \$5,192. Note: The building will cover an area of 280x120 feet.

Old Fort Point A Federal Prison.

Famous Old Fort to be Remodeled for Federal Prison. Plans are Being Made at Fort Mason.

Orders have been received from Washington authorizing the preparation of plans for altering old Fort Point into a Federal Prison. Plans are to be rushed that they may be ready by the time that the Secretary of War and General Leonard Wood, Chief of Staff and the Chief of the Constructing Quartermaster's Department, arrive in San Francisco, which will be during the latter part of this month.

Engineer O. W. Degen, Constructing Quartermaster's office, Fort Mason, is now preparing plans for this work and states that it will require a large expenditure, but that an estimate has not been completed. The work will include a large amount of interior partitions, plastering, mill work, roofing, plumbing, painting, electric work and light fixtures, steel cells, a complete steam heating system, modern kitchen equipment and oil burning system.

In connection with this project there will be constructed quarters for the accommodation of 15 officers. Five sets of new officers' quarters will be constructed. Old Fort Point will take the place of Alcatraz Prison, which is to be converted into an immigration station.

City Bids Opened.

Board of Public Works Open Bids for Wire Screens and Fireescapes at Wednesday's Meeting

Bids were opened by the Board of Public Works at the Wednesday afternoon session for furnishing fire escapes for the Yerba Buena School and also for furnishing and installing wire screens at the San Francisco Hospital group. P. J. Sullivan Jr. submitted the low bid for work at the San Francisco

Hospital at \$9,152 and Dyer Bros. were low on the fire escapes for the Yerba Buena School at \$3,440. Following is a complete list of the bids as opened:

Fire Escapes, Yerba Buena School.	
Western Iron Works.....	\$4,156
Ralston Iron Works.....	3,878
F. W. Fleigner	3,626
Monarch Iron Works.....	3,645
Folsom Iron Works.....	3,820
Dyer Bros.....	3,440
Vulcan Iron Works.....	4,960
Robert A. Levy & Co.....	
Brode Iron Works.....	3,825
Wire Screens, San Francisco Hospital	
P. J. Sullivan Jr.....	\$ 9,152
W. Bateman	12,500
C. M. Lindsay	11,630
Herring's Mill Inc.....	15,315
Redwood Mfg. Co.....	14,996
McSheehy Bros	11,442

BING SUIT FOR TIMBER LAND.

PORTLAND, Ore., July 28.—Twenty six timber claims in Baker country, Or. valued at \$3000 each, held in the name of the Hewitt Land Company, a Washington corporation, constitute the bone of contention in a suit brought recently against that company by the United States Government, in which the Government will attempt to show that patents were obtained by fraud.

The Hewitt Land Company bought the claims after patents were issued to entymen and its is alleged the entymen acted on money provided by the Stoddard Lumber Company, an Eastern Oregon concern. The Government has contended the Hewitt and Stoddard companies are closely affiliated.

Structural Steel, Fine Arts Building.

Figures Run Close Under Different Propositions. Only Three Hundred Ninety-four Dollars.

Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. on Thursday last for the structural steel work for the Fine Arts Building. Bids were submitted on three propositions: Proposition A, a lump sum bid for furnishing, fabricating, erecting, riveting and bolting all structural steel and iron, and including a unit price for additions or deductions. Bidding under Proposition A Dyer Bros. submitted the only figures, their lump sum bid being \$133,000. Their unit price per ton was \$85. Proposition B included furnishing, fabricating and delivering F. O. B. Ferry Slip, Exposition Grounds; B-2 furnishing and fabricating F. O. B. eastern terminal, and B-3 and 4, unit prices F. O. B. Ferry Slip, Exposition Grounds, and F. O. B. eastern terminal respectively. This proposition attracted the greater number of bidders.

Proposition B.

United States Steel Products Co.—Furnishing, fabricating and delivering F. O. B. San Francisco, \$113,306; F. O. B. eastern terminal, \$87,635; unit price for additions or deductions F. O. B. San Francisco, \$73.95 per ton; unit price for additions or deductions F. O. B. eastern terminal, \$57.20 per ton.

Milliken Bros.—Furnishing, fabricating and delivery F. O. B. San Francisco, \$127,884. No bid on the other propositions.

Phoenix Bridge Co.—F. O. B. eastern terminal, \$101,800. No other bid submitted.

McClintic-Marshall Co. — Furnishing, fabricating and delivery F. O. B. San Francisco, \$119,987; F. O. B. eastern terminal, \$94,417. No bids on the other propositions.

Proposition C called for receiving the steel F. O. B. building site, unloading, hauling, storing and erecting all structural steel and iron together with a unit price for additions or deductions, and a unit price for riveting per 100 rivets.

Proposition C.

J. G. Williams Construction Co.—Receiving F. O. B. grounds and erecting, \$19,300; unit price per ton additions or deductions, \$13 per ton; price per 100 for riveting, no bid.

J. Monk—Receiving F. O. B. grounds and erecting, \$21,450; unit price per ton additions or deductions, \$15 per ton; price per 100 for riveting, \$12.50.

California Construction Co.—Receiving F. O. B. grounds and erecting, \$29,900. No bid on the other propositions.

Taking the lowest bid offered under Proposition B, which calls for the furnishing, fabricating and delivery F. O. B. Ferry Slip, Exposition Grounds, which was submitted by the United States Steel Products Co., at \$113,306, and adding the lowest figure submitted for receiving, unloading and erecting as submitted under Proposition C, that submitted by J. G. Williams for \$19,300, a total of \$132,606 is secured. Under Proposition A, which includes both Propositions B and C, Dyer Bros. submitted a bid of \$133,000, or \$394 dollars above the lowest bid received under Propositions B and C.

These figures have been taken under advisement and conditions will be considered in awarding the contract.

Bids were also opened at the same time for furnishing rock for roads in the Exposition Grounds. For this work the following bids were received:

Furnishing Rock for Roads.

	Per cu. yd.
D. J. O'Day .....	.98
E. O. Mallory .....	.95
Paler-McBryde & Quayle.....	\$1.02 1/2

Geo. B. McDougall State Architect.

Junior Member of Well Known Firm Replaces Architect John W. Woollett at Sacramento.

News of the appointment of George B. McDougall, junior member of the architectural firm of McDougall Bros., of this city, to the position of State Architect to succeed Architect John W. Woollett, resigned, was received in this city yesterday.

George B. McDougall is one of the best known architects in local practice. Has contributed much to the architecture of this city and has taken a prominent part in the activities of the American Institute of Architects. The best known of the San Francisco buildings designed by Mr. McDougall is the

Young Men's Christian Association. This together with the firm's work for the University of California and the vast amount of commercial work has given the new State Architect a wide experience which well fits him for the position of responsibility to which he has been appointed.

In presenting his resignation Mr. Woollett speaks in the highest terms of State Engineer McClure and regrets that conditions at this time are such as to render his further continuance in office impossible.

Chief Building Inspector Submits Yearly Report.

Private Building Operations for the Fiscal Year Ending June 30th.

Chief Building Inspector, John P. Horgan, head of the Bureau of Building Inspection, submitted his yearly report at the meeting of the Board of Public Works yesterday morning. His report contained the total number and cost of private building operations for the fiscal year ending June 30th, 1913.

His report is as follows:

Character of	Permits	Number	Amount
Class "A" Bldgs	20	2,937,907.00	
Class "B" Bldgs	28	2,024,856.00	
Class "C" Bldgs	272	7,734,823.00	
Frame Bldgs.	2322	7,863,815.00	
Alterations, additions, repairs,			
general	3407	1,865,131.00	
	6049	\$22,426,526.00	

The Fees Collected upon the above amounted to \$32,334.80.

In addition to the above more important matters, this Bureau received applications, as follows:

To raze structures.....	395
To move buildings.....	83
Applications withdrawn and rejected.....	168
General complaints received and attended to.....	525
Total number of applications filed.....	6592

During the year I found it necessary to disapprove approximately 60% of the applications filed for various implied infractions of the Building Law, which, in most cases, were subsequently corrected and permits taken out for, and the balance withdrawn or abandoned.

For your particular information, I wish to emphasize the fact that the above figures do not include the expenditures for public buildings and grounds, nor the Panama-Pacific International Exposition Improvements, and all of which are of such vast importance and amounts that when summed up will total a very respectable figure as a further evidence of the local progressive spirit and confidence.

There are now standing a balance of 166 temporary frame buildings within the Fire Limits and preparations are being made to have those removed within a short time. This shows the progress made in having them removed under the law, when it is considered that there were 1890 of like character erected after the fire in 1906 up to the time the law was passed preventing their further erection.

The committee appointed by the Board of Supervisors to revise the present Building Law (of which I was

named the chairman) has devoted its utmost endeavors to recommend the various changes proposed, with a view to harmonizing the differences arising among the varied building interests, and at the same time acquire a modern building code consistent with the requirements for the greatest safety to human life, and also in keeping with the constantly changing and improved methods of building construction and maintenance, and their usages. This committee expects to have a complete report ready to submit to the Board of Supervisors in the near future.

FOR THE FISCAL YEAR ENDING

JUNE 30, 1913.

Class "A".....	15	\$2,564,097
Class "B".....	15	1,957,400
Class "C".....	265	7,548,687
Frames.....	2500	7,548,687
Alter & repair.....	3371	1,976,204
Total.....	6166	\$22,417,106
Fees collected.....		\$ 31,158

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
2637	Buck	.....Bowers	6197
2638	Pedini	.....De Benedetti	134
2639	Crocker	.....Tittle	12565
2640	Sullivan	.....Ward	3100
2641	Dairy Del	.....Pac Co Cork	2500
2642	Coste	.....Lace	2306
2643	Bowdich	.....Christiansen	8750
2644	Pevrouet	.....Elvin	4968
2645	Baldwin	.....Emanuel	900
2646	Scholten	.....Scholten	10000
2647	Fried	.....Eodine	500
2648	Roesch	.....Burns	900
2649	Heider	.....Swan	400
2650	Enderlein	.....Schulte	500
2651	Fresho	.....Brunfield	1000
2652	McCarthy	.....Phillips	1000
2653	Rafanelli	.....Rafanelli	800
2654	Bevan	.....Howe	400
2655	Stagnaro	.....Stagnaro	1000
2656	Van Bergen	.....Schmidt	600
2657	Johnson	.....Johnson	1400
2658	Hall	.....Hall	2800
2659	Degan	.....Denke	4150
2660	Voltemier	.....Martin	7500
2661	Bos	.....Alton	1500
2662	Gartland	.....Miller	45723
2663	Same	.....Klernan	1716
2664	Stein	.....Nielsen	400
2665	Berglof	.....Parker	2350
2666	Skahan	.....Evan	500
2667	Harm	.....Harm	500
2668	Cahill	.....Bessett	800
2669	Lorenzen	.....Kern	500
2670	Hansman	.....Johnson	400
2671	Cormand	.....Cormand	1000
2672	Vassie	.....Novely	400
2673	Del Palazzo	.....Del Palazzo	400
2674	Miller	.....Miller	1200
2675	Waterhouse	.....Moore	1000
2676	Kirby	.....Kirby	2000
2677	McArthur	.....Houle	1987
2678	Lannon	.....Neick	1500
2679	Kohn	.....W'n Iron Wks	207
2680	Same	.....Hock	4300
2681	Same	.....S F Art Stone Pw	3100
2682	Ward	.....Hannah	10625
2683	Ward	.....Hannah	10625
2684	Clancy	.....Dreihel	1000
2685	Woods	.....Woods	1000
2686	Canvinto	.....Poli	1500
2687	Morris	.....Morris	2100
2688	Cunco	.....Del Favero	3200
2689	Same	.....Gen Bldg Wks	5400
2690	Tufo	.....Amoroso	10200
2691	Gutler	.....Crozier	27928
2692	Garcia	.....Grant	3670
2693	29th St MECH	.....McCausland	1000
2694	Ratto	.....Perreccio	4700
2695	Jack	.....Jack	1500
2696	Entow	.....Brandt	2500
2697	Phrman	.....Garden	8297
2698	P I E	.....Lange	250615
2699	Same	.....Strohloew	217928
2700	Same	.....Bume	26214
2701	Same	.....Sullivan	11744
2702	Same	.....Monson	5235
2703	Same	.....Parker	1572
2704	Teaffe	.....Gillespie	5677
2705	Winters	.....Cleese	2466
2706	Lavarez	.....Schindler	1876
2707	Rippe	.....Mitchell	6000

(2637) 16 NINETEENTH AVE 55 N
Lake E 57-6xN 45. All work for two-

story and basement frame residence.
Owner.....H. A. Buck, 1740 Lake, San Francisco.
Architect.....Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor.....Bowers & Fann.
Filed July 21, '13. Dated July 17, '13.
Frame up\$1520
Brown coated 1520
Completed and accepted..... 1520
Usual 35 days..... 1547
TOTAL COST, \$6107
Bond, \$3100. Surety, The Aetna Accident & Liability Co. Limit, 110 days. Forfeit, none. Plans and specifications filed.

(2638) S FRANCISCO 70 E Grant Ave E 30xS 122-6. All work except concrete and cement work for two-story frame factory.

Owner.....F. Pedrini, Mattucci & Vannucci Co. and E. Giannabastiani, Premises.
Architect.....J. A. Porporato, 619 Washington, San Francisco.

Contractor.....A. De Benedetti & G. Cuneo 29 Cotter, San Francisco.

Filed July 21, '13. Dated July 16, '13.
Rough frame up and enclosed....\$300
Interior sheathing on..... 300
Usual 35 days..... 300
TOTAL COST, \$1300
Bond, Guaranty bond in favor of owner. Sureties, Geo. Ferretti and Pio De Martini. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

(2639) SW POST AND POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57. Electrical work, etc, for addition to Hotel St. Francis.

Owner.....Crocker Hotel Company.
Architect.....Bliss & Paville, Balboa Bldg., San Francisco.
Contractor.....H. S. Tittle, 245 Minna, San Francisco.

Filed July 21, '13. Dated July 8, '13.
On list of each month..... 75%
Usual 35 days, 25%.....\$341.25
TOTAL COST, \$12,565.00

Bond, \$6400. Surety, The Atena Accident & Liability Co. Limit, 60 days. Forfeit, \$50. Plans and specifications filed.

(2640) NE DAVIS AND COMMERCIAL E 50xN 59-9. Filing of lot, lumber, brick, iron, concrete, glass, steel, plumbing, etc., for one-story concrete building and necessary repair to roof.

Owner.....Sullivan Estate Co., 1075 Mission, San Francisco.
Supt.Geo. Marsh, 110 Jessie, S. F.
Contractor.....Ward & Goodwin, 981 Guerrero, San Francisco.

Filed July 21, '13. Dated July 19, '13.
Foundation reaches level of sidewalk\$875
Building concrete floor laid..... 875
Ready for occupancy by tenant and completed 875
Usual 35 days..... 875
TOTAL COST, \$3500

Bond, \$2000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2641) NINETEENTH NEAR GUERRERO. Insulating, etc, for cold storage room for plant.

Owner.....Dairy Delivery Co., 3550 19th, San Francisco.
Engineer.....C. F. Wieland, Mutual Bk. Bldg., San Francisco.
Contractor.....Pacific Coast Cork In-

sulating Co., 1756 15th, S. F.
Filed July 21, '13. Dated July 18, '13.
Celling cork board placed on
forms\$250.
Wall and floor cork board placed 525
Completed and accepted..... 800
Usual 35 days..... 525
TOTAL COST, \$2100
Bond, \$1075. Surety, Pacific Coast
Casualty Co. Limit, none. Forfeit, \$10
Plans and specifications filed.

(2642) N PFEIFFER 67-6 W Grant
Ave 27-6x55. All work except
concrete, window shades and gas fixtures
for two-story and basement frame
flats.
Owner.....Giacomo Cosce, 155 Pfeiffer
San Francisco.
Architect...None.
Contractor...Devencenzl Bros. & Co.,
1069 Union, San Francisco.
Filed July 21, '13. Dated July 17, '13.
Frame up\$825
Brown coated 825
Completed and accepted..... 825
Usual 35 days..... 825
TOTAL COST, \$3300
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2643) S GREEN 143-4 W Larkin W
32-5½xS 121-6. All work except
plumbing, painting, Rector heater
system, gas fixtures and shades for
two-story and basement frame flats
and garages.
Owner.....Annie Bowdich, 1231 Jack-
son, San Francisco.
Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.
Contractor...Christiansen & Smith, 228
Hugo, San Francisco.
Filed July 21, '13. Dated July 21, '13.
Frame up\$2187 50
Brown coated 2187 50
Completed and accepted..... 2187 50
Usual 35 days..... 2187 50
TOTAL COST, \$8750 00
Bond, \$4375. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, none. Plans and spec-
ifications filed.

(2644) W ELEVENTH AVE 175 N Cali-
fornia N 25xW 120 OL 82. All work
except gas and electric fixtures,
shades and plumbing for two-story
and basement frame flats.
Owner.....Marie Peyroulet, 1433
Hayes, San Francisco.
Architect...Fabre & Bearwald, Mer-
chants' National Bk. Bldg.,
San Francisco.
Contractor...Arthur Elvin, 3854 23rd,
San Francisco.
Filed July 21, '13. Dated July 10, '13.
Frame up and roof sheathed....\$1232
Brown coated and rough coat on
outside 1232
Completed and accepted..... 1232
Usual 35 days..... 1232
TOTAL COST, \$4929
Bond, \$2465. Surety, Massachusetts
Bonding & Insurance Co. Limit, 70
days. Forfeit, \$5. Plans and specifi-
cations filed.

(2645) NOS. 29-53 KEARNY. Erect
metal lath and plaster partitions, new
stairs and erect fence.
Owner.....Baldwin Jewelry Co. Prem.
Architect...None.
Contractor...J. E. Emanuel, Inc., 144
12th, San Francisco.
COST, \$900

(2646) N HOWARD 36 W Lafayette.
Three-story and basement frame (9)
flats.
Owner.....Henry Scholten, 1522 Santa
Clara Ave., Alameda.
Architect...None.
Day's work. COST, \$10,000
(2647) NO. 1476 EIGHTH AVE. Raise
add and alter dwelling.
Owner.....Wm. Fried, Premises.
Architect...None.
Contractor...Bodrine & Norman, 1021
Irving, San Francisco.
COST, \$100

(2648) NO. 1948 QUESADA AVE. One-
story and basement frame dwelling.
Owner.....A. T. Roesch, Premises.
Architect...None.
Contractor...J. H. Burns, 1531 Oakdale
Ave, San Francisco.
COST, \$900
(2649) NO. 613 MARKET. Erect sign.
Owner.....F. B. Heider, Continental
Hotel, San Francisco.
Architect...None.
Contractor...Swan "The Painter," 756
Folsom, San Francisco.
COST, \$400

(2650) NO. 41 THIRD. Erect columns,
marble work and alter front.
Owner.....Bruno Enderlein, Premises
Architect...F. S. Hoiland, 100 Haight,
San Francisco.
Contractor...H. Schulte, 630 Precita
Ave., San Francisco.
COST, \$500

(2651) NE GEARY AND JONES. Elec-
tric sign.
Owner.....Mrs. Presho, Premises.
Architect...None.
Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$500

(2652) NE JULES 225 S Holloway.
One-story and basement frame dwlg.
Owner.....The McCarthy Co., 316
Bush, San Francisco.
Architect...None.
Contractor...J. H. Phillips, 228 23rd
Ave., San Francisco.
COST, \$1000

(2653) NO. 133 MONTANA. Add two
rooms and build concrete foundation.
Owner.....A. Rafanelli, Premises.
Architect...None.
Day's work. COST, \$400

(2654) NW BUSH AND POLK. Install
terra cotta flue.
Owner.....The Bevan Co., Premises.
Architect...None.
Contractor...C. C. Howe, 1867 Fillmore,
San Francisco.
COST, \$500

(2655) W LOEHR 141-0¼ N Ryland.
One-story and basement frame cot-
tage.
Owner.....J. and A. Stagnaro.
Architect...None.
Day's work. COST, \$1000

(2656) NO 3696 CLAY. Add sun room
to residence.
Owner.....Mrs. R. Van Bergen, Prem.
Architect...T. Patterson Ross, NW
California and Battery,
San Francisco.
Contractor...L. Schmidt, 418 Jessie, S. F.
COST, \$600

(2657) N TWENTY-NINTH 105 W
Castro. One and one-half-story and
basement frame dwelling.
Owner.....A. T. Johnson, 3827 Army,
San Francisco.
Architect...None.
Day's work. COST, \$1400

(2658) E FIFTH AVE 221-7 N Par-
nassus. Two-story and basement
seven-room frame dwelling.
Owner.....C. A. Hall, 1318 5th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$2800

(2659) W NINTH 200 S Market S 25x
W 80. All work for one-story and
basement "C" brick building.
Owner.....Catherine Degan.
Architect...E. H. Denke, 1317 Hyde,
San Francisco.
Contractor...F. G. Denke, 1472 Grove,
San Francisco.
Filed July 22, '13. Dated July 21, '13.
Basement brick walls level with
street\$ 759
Roof trusses in place..... 759
First coat plaster on..... 759
Completed and accepted..... 759
Usual 35 days..... 1014
TOTAL COST, \$4050

Bond, none. Limit, 45 days after Aug.
1. Forfeit, \$1. Plans and specifi-
cations filed.

(2660) S BUSH 165 W Polk W 27-6x
S 120. All work for one-story and
basement brick building.
Owner.....F. W. Noltmeier.
Architect...E. P. Antonovich, 333
Kearny, San Francisco.
Contractor...Wm. Martin, 1012 Buchan-
an, San Francisco.
Filed July 22, '13. Dated July 21, '13.
Brick work to 1st floor line com-
pleted, floor joists in place and
anchors set\$1875
Brick work completed, roof on
and brown coated..... 1875
Completed and accepted..... 1875
Usual 35 days..... 1875
TOTAL COST, \$7500

Bond, none. Limit, 60 days. Forfeit,
\$5. Plans and specifications filed.

(2661) N GREEN 193-3¼ W Jones W
45xN 120. Plumbing, sheet metal
work and roofing for an apartment
building.
Owner.....The Go. A. Bos Co., Crocker
Bldg., San Francisco.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Thos. A. Alton, Hearst
Bldg., San Francisco.

Filed July 22, '13. Dated July 21, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1500
Bond, \$800. Surety, Massachusetts
Bonding & Insurance Co. Limit, Sept.
15, '13. Forfeit, none. Plans and spec-
ifications filed.

(2662) S GEARY 76 W Larkin S 120
W 41 N 120 E 41. All work except
steam heating, elevator, elevator
grill, excavation, grading and con-
crete work for five-story brick
apartment building.
Owner.....P. J. Gartland, 72 Spencer,
San Francisco.
Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.
Contractor...Fred Miller, 225 Dolores,
San Francisco.
Filed July 22, '13. Dated July 21, '13.
4th story joists in place.....\$ 5715

Ready for lathing.....	5715
Brown coated	5715
White coated	5715
Ready for painter.....	5715
Completed and accepted.....	5717
Usual 35 days.....	11431

TOTAL COST, \$15,723

Bond, \$22,861. Surety, Fidelity & Deposit Co. of Maryland, Limit, 115 days from July 22. Forfeit, none. Plans and specifications filed.

(2663) STEAM HEATING AND OIL set (oil set to be Jannis or Fess) on above.

Contractor...Kiernan & O'Brien, 1754 Mission, San Francisco.

Filed July 22, '13. Dated July 23, '13.

Roughing in of steam piping.....	\$900
Finished	287
Usual 35 days.....	429

TOTAL COST, \$1716

Bond, limit, forfeit, none. Plans and specifications filed.

(2664) E POTRERO AVE 150 N 25th 25x100. All work for two-story and basement frame residence.

Owner....Theodore C. Steiner, 1470 San Bruno Ave., S. F.

Architect...None.

Contractor...Jacob F. Nielsen, 235 Bryant, San Francisco.

Filed July 22, '13. Dated July 19, '13.

Rough frame up.....	\$575
Plaster on	575
Completed and accepted.....	575
Usual 35 days.....	575

TOTAL COST, \$2700

Bond, none. Limit, 61 days after July 21. Forfeit, \$5. Plans and specifications filed.

(2665) W SEVENTEENTH AVE 200 N Fulton N 25xW 120. All work for five-room and basement dwelling.

Owner....Alfred Berglof, 45 Kearny, San Francisco.

Plans by...Mel. I. Schwartz, 2139 Pacific Ave., San Francisco.

Contractor...George Parker.

Filed July 22, '13. Dated June 4, '13.

Frame up	\$587 50
Brown coated	587 50
Completed and accepted.....	587 50
Usual 35 days.....	587 50

TOTAL COST, \$2350 00

Bond, none. Limit, 90 days from June 15. Forfeit, \$1. Plans and specifications filed.

(2666) W BAKER 75 S Greenwich. Add 4 rooms to building.

Owner....Mrs. M. M. Skahan, 2837 Baker, San Francisco.

Architect...None.

Contractor...J. Evan, 465 Miuna, S. F.

COST, \$500

(2667) NO. 416 DEY. Add 3 rooms to residence.

Owner....Wm. Harm, Premises.

Architect...None.

Day's work.....

COST, \$500

(2668) NO. 246 STATE. Alter front and build concrete steps.

Owner....Mrs. R. Cahill, Premises.

Architect...None.

Contractor...C. H. Bessett, 343 29th Ave., San Francisco.

COST, \$800

(2669) NE SIXTH AVE AND CALIFORNIA. Remove partitions, install doors, patent chimney and four wall beds.

Owner....Mr. Lorenzen, 12 Market, San Francisco.

Architect...None.

Contractor...L. A. Kern, 3646 17th, S. F.

COST, \$500

(2670) W DIVISADERO 27 E Sacramento. Underpin three-story store and flat building.

Owner....F. Hansman, 2055 Davis, San Francisco.

Architect...None.

Contractor...I. M. Johnson, 835 Webster, San Francisco.

COST, \$400

(2671) W JANSEN 93-6 N Greenwich One-story and basement frame bottling works.

Owner....F. Cormand, 1640 Mason, San Francisco.

Architect...None.

Day's work.....

COST, \$1000

(2672) NE BUSH AND KEARNY. Electric sign.

Owner....Julius Vayssie, Premises.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$400

(2673) NO. 1040 KEY AVE. Add 3 rooms to residence.

Owner....R. Del Palacoe, Premises.

Architect...None.

Day's work.....

COST, \$400

(2674) E MISSION 225 N Santa Marina Three-story and basement frame residence.

Owner....L. Miller, 1155 Silver Ave., San Francisco.

Architect...E. P. Antonovich, 333 Kearny, San Francisco.

Contractor...B. B. Miller, 1155 Silver Ave., San Francisco.

COST, \$1200

(2675) NO. 3840 CLAY. Build steps, install doors, enlarge two bedrooms and add bath room.

Owner....E. W. A. Waterhouse, 3840 Clay, San Francisco.

Architect...None.

Contractor...Moore & Burlingame, 214 Sharon Bldg., S. F.

COST, \$1000

(2676) E NINETEENTH AVE 120 N Anza. Two-story and basement frame residence.

Owner....J. C. Kirby, 2947 18th, S. F.

Architect...J. E. McCarthy, Anglo Bldg., San Francisco.

Day's work.....

COST, \$3000

(2677) S VALLEY 205 E Castro E 25 xS 114 HA 170. All work for five-room frame cottage.

Owner....C. A. and Sadie McArthur, 460 Valley, San Francisco.

Architect...None.

Contractor...D. Houle, 660 Market, S. F.

Filed July 23, '13. Dated —.

Owners to sign two notes, one for \$1500 and one for \$485, interest at 8%.....

TOTAL COST, \$1985

Bond, none. Limit, 60 days after July 8. Forfeit, none. Plans and specifications filed.

(2678) NO. 2130 O'FARRELL, het Divisadero and Broderick. Alterations and additions to two-story frame residence.

Owner....P. W. Lannon, Premises.

Architect...None.

Contractor...Frank Neidick, 2669-A Howard, San Francisco.

Filed July 23, '13. Dated July 15, '13.

Rough frame up.....	\$337 50
Brown coated	337 50
Completed and accepted.....	337 50
Usual 35 days.....	337 50

TOTAL COST, \$1350 00

Bond, \$675. Surety, The Title Guaranty & Surety Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2679) SE BATTERY & HALLECK S 34-6x E 77-6. Cast iron and steel work for two-story Class "C" stores and lofts.

Owner....Isaac Kohn.

Architect...Cunningham & Politeo, 1st National Bank Bldg., S. F.

Contractor...Western Iron Works, 123 Beale, San Francisco.

Filed July 23, '13. Dated July 7, '13.

On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$3050

Bond, \$1525. Surety, Pacific Coast Casualty Co. Limit, 40 days after notified. Forfeit, \$10. Plans and specifications filed.

(2680) BRICK, GRANITE AND TERRA cotta on above.

Contractor...Chas. H. Hock, 1788 Fell, San Francisco.

Filed July 23, '13. Dated July 9, '13.

Payments same as above.....

TOTAL COST, \$4300

Bond, 2150. Surety, United States Fidelity & Guaranty Co. Limit, 40 days after notified. Forfeit, \$10. Plans and specifications filed.

(2681) EXCAVATING, BULKHEAD- ing, concrete, sidewalks, curbing, paving, prism tile, side walk doors, pumping, etc., on above.

Contractor...The S. F. Artificial Stone Paving Co., 62 Post, S. F.

Filed July 23, '13. Dated July 1, '13.

Payments same as above.....

TOTAL COST, \$3100

Bond, \$1550. Surety, The Aetna Accident & Liability Co. Limit, 40 days after notified. Forfeit, \$10. Plans and specifications filed.

(2682) ROOF, FLOORING, STORE fronts, glass and glazing, flag pole, pipe casings, hardware, marble work, tinning, galvanized iron and carpenter work on above.

Contractor...F. L. Hansen, Monadnock Bldg., San Francisco.

Filed July 23, '13. Dated July 17, '13.

Payments same as above.....

TOTAL COST, \$2488

Bond, \$1744. Surety, Fidelity & Deposit Co. of Maryland. Limit, 40 days after notified. Forfeit, \$10. Plans and specifications filed.

(2683) S SUTTER 125 W Larkin W 40 xS 120. All work for one-story and basement brick stores.

Owner....Florence N. Ward, Bush & Hyde, San Francisco.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor...Jesse D. Hannah, Monadnock Bldg., S. F.

Filed July 23, '13. Dated July 21, '13.

Brick work scaffold high in 1st story

Brown coated

Completed and accepted.....

Usual 35 days.....

TOTAL COST, \$10,625

Bond, \$5400. Surety, Globe Indemnity Co. Limit, 70 days. Forfeit, \$10. Plans and specifications filed.

(2684) NE SIXTEENTH AND GUER-
rero. Alter front, install marble and
mosaic and plate glass.
Owner.....T. W. Clancy, Premises.
Architect...None.
Contractor...John Dreihel, 2246 Mission
San Francisco.

COST, \$400

(2685) W LISBON 25 N France. One-
story and basement frame residence.
Owner.....E. J. Woods, 546 Lisbon,
San Francisco.
Architect...None.
Day's work.

COST, \$1000

(2686) NO. 3036 PIERCE. Remove
and replace porches.
Owner.....A. Craviotto, 2331 Green-
wich, San Francisco.
Architect...None.
Contractor...G. Polati, 2327 Greenwich,
San Francisco.

COST, \$500

(2687) E TWELFTH AVE 75 S Anza.
One and one-half-story and base-
ment frame residence.
Owner.....A. T. Morris, 616 9th Ave.,
San Francisco.
Architect...None.
Day's work.

COST, \$2100

(2688) E SANSOME 91 S Pacific 45x90.
Carpenter work for two-story and
basement brick building (offices).
Owner.....Giovanni Cuneo, Columbus
Svgs. Bank Bldg., S. F.
Architect...Louis Mastropasqua, 550
Washington, San Francisco
Contractor...J. Del Favero and E. Le
Gond.

Filed July 24, '13. Dated July 23, '13.
Roof on\$825
Mill work in place..... 825
Completed and accepted..... 825
Usual 35 days..... 825
TOTAL COST, \$3200
Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications, none.

(2689) ALL WORK EXCEPT CAR-
penter, painting, glass, hardware,
roofing, plumbing, electric wiring on
above.

Contractor...The General Bldg. Work
Company.
Filed July 24, '13. Dated July 23, '13.
Joists at side walk level.....\$1475
Joists at 1st floor level..... 1475
Completed and accepted..... 1475
Usual 35 days..... 1475
TOTAL COST, \$5900

Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

(2690) W KEARNY 97-6 N Union 37-6
x60. All work except window
shades for three-story and basement
frame flats.

Owner.....Paolo & Giuseppe Tufo,
1437 Kearny, San Francisco
Architect...None.
Contractor...F. C. Amoroso, 1333 Kear-
ny, San Francisco.

Filed July 24, '13. Dated July 23, '13.
Frame up\$2550
Brown coated 2550
Completed and accepted..... 2550
Usual 35 days..... 2550
TOTAL COST, \$10,200

Bond, \$2550. Surety, N. Capurro.
Limit, 120 days after July 28. Forfeit,
none. Plans and specifications filed.

(2691) SE EIGHTEENTH AND COL-
lingwood E 50xS 75. Alterations and
additions to make two-story frame
flats.

Owner.....Dr. L. A. Gautier, 491
Castro, San Francisco.
Architect...None.
Contractor...E. A. F. Carson, 4323 19th,
San Francisco.

Filed July 24, '13. Dated July 21, '13.
Usual 35 days.....\$6250
TOTAL COST, \$6250
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2692) E FIFTH AVE 300 N Point
Lobos Ave N 25xE 120. All work for
two-story frame residence.
Owner.....Manuel C. and Clara E.
Garcia, 118 Washington,
San Francisco.

Architect...None.
Contractor...W. E. Grant, 1032 Irving,
San Francisco.

Filed July 24, '13. Dated July 22, '13.
Floor joists on.....\$500
Roof rafters in..... 500
Ready for lathing..... 500
White coated 500
Finished 750
Usual 35 days..... 920
TOTAL COST, \$3670

Bond, none. Limit, 95 days after Aug.
1. Forfeit, none. Plans and specifi-
cations filed.

(2693) W SANCHEZ 86 S Clipper 25x80
All work to complete upper flat over
Sunday School Social Hall of two-
story frame building.
Owner.....The Twenty-ninth St. M. E.
Church.
Architect...None.
Contractor...Geo. V. McCausland, 4173
23rd, San Francisco.

Filed July 24, '13. Dated July 21, '13.
Partitions up and all bridging
and braces in place.....\$250
Brown coated and rough plumb-
ing in place..... 250
Completed and accepted..... 250
Usual 35 days..... 250
TOTAL COST, \$1000

Bond, \$500. Sureties, E. A. Hoadley and
F. A. McCausland Limit, 60 days For-
feit, none. Plans and specifications
filed.

(2694) E JASPER PLACE 113-9 S
Union S 23-9xE 58-9. All work for
three-story and basement frame.
Owner.....Federico Ratto.
Architect...L. Traverso, 854 Union,
San Francisco.

Contractor...Antonio Ferreccio, 421 5th
Ave., San Francisco.
Filed July 24, '13. Dated July 24, '13.
Enclosed and roof on.....\$1175
Brown coated 1175
Completed and accepted..... 1175
Usual 35 days..... 1175
TOTAL COST, \$4700

Bond, \$2350. Sureties, Angelo Cuneo
and N. Capurro. Limit, 70 days after
July 28. Forfeit, none. Plans and
specifications filed.

(2695) SE HOWARD 100 SW 8th SE
160 r a 11 NW 50 SW 34 NW 25 SW
55 NW 85 r a 100. All work except
oil burning plant, light fixtures and
shades for two-story Class "C" brick
bakery.

Owner.....Richard I. Whelan
Architect...Welsh & Carey, Merchante
National Bank Bldg., S. F.
Contractor...Henry Jacks, 180 Jessie,
San Francisco.

Filed July 24, '13. Dated July 14, '13.
On 1st of each month, 75%.....\$11,980
Usual 35 days, 25%..... 3994
TOTAL COST, \$15,974

Bond, \$7987. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 75 days.
Forfeit, \$10. Plans and specifications
filed.

(2696) NO. 47 EDDY. Alterations and
additions to reinforced concrete bldg.
Owner.....Leong Entow.
Architect...Smith & Stewart, 244
Kearny, San Francisco.

Contractor...Brandt & Stevens, 110
Jessie, San Francisco.
Filed July 25, '13. Dated July 25, '13.
Upon approval of architects....\$1000
Upon acceptance 1000
Usual 35 days..... 1500
TOTAL COST, \$3500

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(2697) N BROADWAY 42-6 E Baker E
50 N 137-6 W 29-34 SE 1-6 1/2 W
21-1 1/2 S 136. Excavation, foundation
and concrete work for three-story
and basement frame residence.

Owner.....Albert L. Ehrman, 2710
Broadway, San Francisco.
Architect...Willis Polk & Co., Mer-
chants' Exchange Bldg.,
San Francisco.

Contractor...Frank M. Garden Co., 251
Kearny, San Francisco.
Filed July 25, '13. Dated July 25, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$8297

Bond, \$4150. Surety, The Massachusetts
Bonding Co. Limit, Sept. 20. Forfeit,
\$10. Plans and specifications filed.

(2698) EXPOSITION SITE. All work
except piling, plumbing, sewer, water
and gas pipes and electric work for
Transportation Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.

Contractor...Lange & Bergstrom, Shar-
on Bldg., San Francisco.

Filed July 25, '13. Dated July 21, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$250,615

Bond, \$120,000. Surety, The Aetna
Accident & Liability Co. Limit, 200 days.
Forfeit, \$100. Plans and specifications
filed.

(2699) EXPOSITION SITE. All work
except plumbing, sewer, water and
gas pipes and electric work for Mines
Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.

Contractor...Strehlow-Freese & Peter-
sen, Hotel Terminal, S. F.

Filed July 25, '13. Dated July 22, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$217,238

Bond, \$115,000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 200
days. Forfeit, \$100. Plans and specifi-
cations filed.

(2700) BLK BDED BY HAYES, POLK,
Grove and Larkin. Furnishing, fan-
cinating and erecting structural steel
and cast iron work for Exposition
Auditorium Building

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...Jno. Galen Howard, F. H. Meyer & Jno. Reid Jr., 604 Mission, San Francisco.
Contractor...Blume Contracting Co., 185 Stevenson, San Francisco.
Filed July 25, '13. Dated July 21, '13.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$10,240
Bond, \$22,500. Surety, The Aetna Accident & Liability Co. Limit, 170 days. Forfeit, \$150. Plans and specifications filed.

(2701) EXPOSITION SITE TO PRESIDENT. Removal and resetting of Quartermaster's stores Nos. 1, 2, 3, and 4. Owner.....Panama-Pacific International Exposition Co., Service Bldg., S F.
Architect...None.
Contractor...D. J. & T. Sullivan Inc., 1940 Folsom, San Francisco
Filed July 25, '13. Dated July 22, '13.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$11,540
Bond, \$6500. Surety, Globe Indemnity Co. Limit, 100 days. Forfeit, \$10. Specifications only filed.

(2702) CONCRETE FOUNDATION. piers and timber drain on above. Contractor...Monson Bros., 1907 Bryant, San Francisco.
Filed July 25, '13. Dated July 22, '13.
Payments same as above.....
TOTAL COST, \$5395
Bond, \$3500. Surety, Maryland Casualty Co. Limit, 45 days. Forfeit, \$5. Specifications only filed.

(2703) CONSTRUCTING A ROAD AND excavating and grading in connection with resetting on above. Contractor...The Daniel O'Day Co., 14th and Belcher, S F.
Filed July 25, '13. Dated July 22, '13.
Payments same as above.....
TOTAL COST, \$4550
Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days. Forfeit, \$5. Specifications only filed.

(2704) COMG AT A PT 150 E Belvedere and 75-10 N Carmel N 25-0° E 122-1½ m or l — 25-9 W 126-4 m or l WA 82. All work for two-story and basement 7-room frame residence. Owner.....Jos. L. and Elizabeth Taaffe, 106 Caselli Ave., San Francisco.
Architect...None.
Contractor...J. Gillogley & Sons, 714 San Jose Ave., San Francisco
Filed July 26, '13. Dated July 19, '13.
Lough frame up \$1406
Brown coated 1406
Front finished and interior white coated 1406
Completed 1409
TOTAL COST, \$5627
Bond, \$2850. Sureties, Sylvain J. Lazarus and R. W. Gillogley. Limit, 90 days from recording. Forfeit, none. Plans and specifications filed.

(2705) E FORTY-FIRST AVE 148-8 N 13thoa N 25xE 120 OL 323. All work for one and one-half-story frame Owner.....Frank E. Winters, 1745 Jones, San Francisco.
Architect...None
Contractor...George F. Cleese, 524 27th Ave., San Francisco.
Filed July 26, '13. Dated July 25, '13.
Frame up \$600
Brown coated 600

Completed 600
Usual 35 days 600
TOTAL COST, \$2400
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2706) E THIRD 64 S Townsend; No. 703 Third. All work for interior fixtures for restaurant except electric and plumbing work in building. Owner.....Martin Tovaraz.
Architect...None.
Contractor...The Fink & Schindler Co., 218 13th, San Francisco.
Filed July 26, '13. Dated July 25, '13.
Completed \$1387 50
Usual 35 days 462 50
TOTAL COST, \$1850 00
Bond, \$925. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans and specifications filed.

(2707) S TWENTY-FOURTH 30 E Bryant E 35xS 80. All work for two-story frame stores and flats. Owner.....J. H. Rippe, 24th and Bryant, San Francisco.
Architect...None.
Contractor...Thos. F. Mitchell & Son, 1370 Utah, San Francisco.
Filed July 25, '13. Dated July 1, '13.
Frame up \$1500
Brown coated 1500
Completed 1500
Usual 35 days
TOTAL COST, \$6000
Bond, none. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

July 10, 1913—S SOUTH PARK AND Second SE 137-6xSW 122. Nat Raphael to John G Sutton Co.....
.....July 10, 1913
July 11, 1913—BLK BDED ON E BY Buchanan extended N, N by U S Government bulkhead line, W by Webster produced N, S by Jefferson. Panama-Pacific International Exposition Co to Healy-Thibbitts Constr Co.....
.....July 9, 1913
July 11, 1913—N O'FARRELL 100-6 W Franklin W 33-3x120; No. 1124 O'Farrell. A F Schileicher to Kearns & Finnegan, Condon & Brand, et al
.....July 1, 1913
July 11, 1913—NE PINE AND JONES N 82-6xE 43. Theo J Roche to Otis Elevator Co.....
.....July 10, 1913
July 11, 1913—COMG 187-6 E from SE 4th and Howard E 25xS 100. Fritz Pohm to John W Welsing.....
.....July 8, 1913
July 11, 1913—LOT 5 BLK 15 Crocker Amazon Tct. R D Watkins to A Sasso
.....July 8, 1913
July 11, 1913—NW HARRISON 113-1 NE 6th NE 24-5xNW 80. G F Spitz to whom it may concern.....
.....June 10, 1913
July 18, 1913—SE PACIFIC AND Montgomery E 35 S 23-3 E 33-9 S 23-3 W 63-9 N 45-6. Cora M Pissis to Chas Wright. July 12, 1913
July 19, 1913—S SEVENTEENTH 200 E Dolores, Margaret Kaiser to Ruegg Bros.....
.....July 17, 1913
July 19, 1913—SW PACIFIC AND Auburn. Mrs. C Campodonico to Paul Demartini.....
.....July 16, 1913
July 19, 1913—W JONES 93-9 N Sacramento 30x127-6. Walter J Selby, Hazel Anne Selby and Mary E

Woffling to whom it may concern
.....July 19, 1913
July 19, 1913—SW TWENTY-SIXTH and Broadway 122.4x119.9. Okd. Hugo Abrahamson to J O Price.....
.....July 12, 1913
July 19, 1913—LOT 8 BLK "B" Liberty and Garfield Tract, Ala. John A Clow to R C Hillen.....
.....July 17, 1913
July 17, 1913—SE KINGSTON AVE July 21, 1913—E CAPP 170 N 21st N 27-5½x122-6. C C W Haun to whom it may concern.....
.....July 21, 1913
July 21, 1913—E SEVENTEENTH AV 250 S Lake S 25xE 120. Charles W Higgins to whom it may concern
.....July 19, 1913
July 21, 1913—E GRANT AVE 112-6 S Greenwich S 25xE 62. Giovanini Celentano to L Dioguardi and A Sasso.....
.....July 19, 1913
July 21, 1913—SE MARKET 100-0½ NE 7th NE 50-0½xSE 165. J D Phelan to Decker Elec Constr Co American Marble & Mosaic Co, W P Fuller & Co and Sartorius & Co
.....July 15, 1913
July 21, 1913—S GREEN 48 E Grant Ave 34x56-6 (irregular). F Errico & Co to J Devencenzi & Co.....
.....July 16, 1913
July 21, 1913—LOT 23 BLK 5 Crocker Amazon Tract. Albert Mattson to whom it may concern. July 19, 1913
July 21, 1913—SW GRANT AVE AND Harlan Place. O D Baldwin to Hogberg & Ludwig.....
.....July 12, 1913
July 21, 1913—NW GREEN & LARKIN 70x32-6. Martin S Show to whom it may concern.....
.....July 21, 1913
July 21, 1913—S BUSH 114-6 W Taylor; No. 929 Bush. J C Kincanon & Kincanon Constr Co to whom it may concern.....
.....July 16, 1913
July 22, 1913—NE BANKS AND Powhattan E 70xN 25 Gift Map No. 3. Jos C Stromswald to whom it may concern.....
.....July 15, 1913
July 22, 1913—SW SIXTH 25 SE Mission SE 60xSW 75. Edw H Mitchell to Bishop & Quarte.....
.....July 21, 1913
July 22, 1913—E STOCKTON 50 S Sutter E 80x40-5½. Sierra Invest Co to Trussed Concrete Steel Co.....
.....July 21, 1913
July 22, 1913—NE DUNCAN & NOE E 55xN 57. Knut Anderson to whom it may concern.....
.....July 16, 1913
July 22, 1913—SE MARKET AND Ecker. Crocker Est Co to I R Kissel. July 18; John G Sutton Co. July 17; Burnham Plumbing Co.....
.....July 19, 1913
July 23, 1913—SE MARKET 100-0½ NE 7th NE 50-0½xSE 165. J D Phelan to H Ankers.....
.....July 15, 1913
July 23, 1913—NW LISBON 175 NE Persia Ave NE 25xNW 100 Blk 19, Excel Hld. Atlas Home Makers, Inc to whom it may concern.....
.....July 23, 1913
July 23, 1913—NW LISBON 200 NE Persia Ave NE 25xNW 100 Blk 19, Excel Hld. Atlas Home Makers, Inc to whom it may concern. July 23, 1913
July 23, 1913—NW LISBON 150 NE Persia Ave NE 25xNW 100 Blk 19, Excel Hld. Atlas Home Makers, Inc to whom it may concern.....
.....July 23, 1913
July 23, 1913—NW MISSION 52-1½ SW Leo SW 25xNW 100, Lot 3 Blk 3 P A McDonald's Sub West End Map No. 1. John G White to whom it may concern.....
.....July 22, 1913
July 23, 1913—E NINTH AVE 150 N Ortega N 25xE 120. Alpheus and Mary E Duffee to whom it may



MODERN OFFICE BUILDING ON HOBART PROPERTY
San Francisco

Willis Polk & Co. Architects
San Francisco



ANDERSON'S THEATRE BUILDING UNDER CONSTRUCTION
San Francisco

O'Brien & Werner, Architects
San Francisco

concern.....July 23, 1913
 July 23, 1913—NE VIENNA & ITALY
 25x100. Pietro Baffa to V Filippis
July 23, 1913
 July 23, 1913—SE CALIFORNIA &
 Leidesdorff 107-6x137-6. The In-
 surance Exchange Inc to Clinton
 Fireproofing Co.....July 22, 1913
 July 23, 1913—NW LISBON 125 NE
 Persia Ave NE 25xNW 100 Blk 19,
 Excel Hd. Atlas Home Makers to
 whom it may concern.....July 23, 1913
 July 23, 1913—SE MARKET 100-0-0
 NE 7th NE 50-0-0xSE 165. J D
 Phelan to General Eng Co.....
July 15, 1913
 July 25, 1913—E KEARNY 56-9 S Green
 32x81. P Casella and F C Amoroso
 to F C Amoroso.....July 24, 1913
 July 25, 1913—SE DELANO AND SAN
 Jose Ave, Lot 1 Blk "J" Mission
 Terrace, M A Nilsson to N F Nil-
 son.....July 25, 1913
 July 25, 1913—NW BUSH & SAN-
 some N 137-6xW 67-6. Standard Oil
 Co to Newberry Bendheim.....
July 22, 1913
 July 25, 1913—E JONES 137-6 N Clay
 47-6x63-9. Anna L Brownlee to
 Marcus Marcussen.....July 25, 1913
 July 25, 1913—NW OAK AND VAN
 Ness Av W 157-6 N 80 W 21 N 40 E
 175-6 S 120. Masonic Temple Ass'n
 to Wm Snook & Sons, July 25; Gen-
 eral Elec Constr Co, July 25; J E
 Steere, July 25; Forreder Cornice
 Works, July 25; W P Fuller & Co,
 July 25; Rudgear-Merle Co, July
 25; Pacific Fire Ext Co.....July 25, 1913
 July 25, 1913—SW SIXTEENTH AND
 Dolores. Roman Catholic Arch-
 bishop of S F to Central Iron Wks
July 15, 1913
 July 25, 1913—N LOMBARD 137-6 W
 Fillmore W 87-6xN 275. Edward
 Rolkin to H E Drake.....July 19, 1913
July 24, 1913
 July 24, 1913—SW GRANT AVE AND
 Harlan Place. O B Baldwin to
 Herbert C Matthews.....July 23, 1913
 July 24, 1913—W EIGHTEENTH AVE
 100 N Clement N 25xW 120. Leigh
 & Schultz to whom it may concern
July 22, 1913
 July 24, 1913—S GREEN WICH
 171-5-1/2 E Baker, Jenny or Jennie
 Johnson to A N Anderson.....July 18, 1913
 July 23, 1913—N CLAY 26 E Drumm
 N 115x E 43-9. Jacobs Malcom &
 Burt to Fraiser & Fraiser.....
July 13, 1913

LIENS FILED.

San Francisco.

July 11, 1913—N EDDY 68-9 E Maion
 E 68-9 N 89-6 E 75 N 96 W 75 S
 10-6 W 68-9 S 175. Henry Cowell
 Lime & Cement Co, \$3211.90; Santa
 Cruz Portland Cement Co, \$522.90;
 E B McNear (as McNear Brick
 Agency) \$1101.70 vs Ernestine and
 W H Leahy and Fennell & Wond.
 July 15, 1913—W BAKER 72 S Union
 S 27-6xW 100. J H Kruse vs Ida
 M Fiala and J Burchell.....\$250.35
 July 16, 1913—E STEUART 75 S Mis-
 sion S 50x E 140. L V Roberts vs
 W J Yore and J B Duggan.....\$349
 July 17, 1913—LOT 134 De Martini
 Tract. R L Tiernan and A V
 Beronio vs D Jordan, D Suter and
 Daniel Suter.....\$405.48
 July 25, 1913—SE SACRAMENTO &
 Buchanan E 50xS 127-8-1/4. L A
 Hufschmidt Mfg Co vs Joseph
 Sockolov.....\$1500

July 24, 1913—SE SACRAMENTO &
 Buchanan E 50xS 127-8-1/4. Holden-
 Deuprey Co vs Joseph Sockolov...
\$1525.43
 July 24, 1913—W FERN AVE 59 E
 Van Ness Ave E 25xN 49. Atlas
 Heating & Ventilating Co vs Annie
 B Voorhies and Grantland B Voor-
 hies Co.....\$375
 July 23, 1913—SE SACRAMENTO &
 Buchanan E 50 S 127-8-1/4 W 25 N
 127-8-1/4. L A Hufschmidt Mfg Co
 vs Joseph Sockolov.....\$1500
 July 21, 1913—E SAN JOSE AVE
 50.85 N Tingley 25x100; Lot 134 De
 Martini Tract. I Epp vs Daniel and
 Sophie Suter.....\$95
 July 19, 1913—E DIAMOND 172-6 N
 21st N 25x E 125. W M Johnson vs
 Bay Cities Home Bldg Co.....\$91.67
 July 19, 1913—E DIAMOND 147-6 N
 21st N 25x E 125. W M Johnson vs
 Bay Cities Home Bldg Co.....\$91.67
 July 19, 1913—E DIAMOND 122-6 N
 21st N 25x E 125. W M Johnson vs
 Bay Cities Home Bldg Co.....\$91.67
 July 19, 1913—SE VAN NESS AVE &
 Sutter S to Walnut Ave x E 109.
 Hicks & Folte vs Paul Bancroft.\$335

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base,
 frame. Cost not stated. Berkeley, Ala-
 meda Co, Cal. Architect, John Hud-
 son Thomas, First National Bank Bldg.,
 Berkeley. Owner, A. H. Gerdtis. The
 dwelling will be erected near the Uni-
 versity Campus, and has been designed
 for an eight-room house with bath and
 sleeping porch. Interior finish will be
 of pine, redwood and some hardwood
 veneer. Hardwood floors will be used
 in the principal rooms. There will be
 furnace heat and open fire places. Man-
 tels will be of tile and brick. An auto-
 matic water heater will be installed.
 Bath rooms will be finished in tile and
 tile wainscot will also be used in the
 kitchen. Exterior of the house will be
 covered with cement plaster on metal
 lath. Plans are complete and figures
 are being taken.

RESIDENCE—2 story and base,
 frame, \$4,500. Oakland, Cal. Archi-
 tect, Charles W. McCall, Central Bank
 Bldg., Oakland. Owner, A. D. Grim-
 wood. The dwelling will be erected on
 Mesa avenue in Piedmont, and has
 been designed to contain seven rooms,
 bath and sleeping porch. Interior fin-
 ish will be of pine and hardwood.
 Hardwood floors will be used in the
 living room, dining room, den and re-
 ception hall. Plans provide for fur-
 nace heat and open fire places. Man-
 tels will be of brick and tile. Bath
 room will be finished in tile and tile
 wainscot will also be used in the
 kitchen. There will be an automatic
 water heater. Exterior of the house
 will be covered with cement plaster
 on metal lath. Plans are complete and
 now out for figures.

RESIDENCE—2 story and base,
 frame, \$4,500. Oakland, Cal. Archi-
 tects, Hutchinson Bros., 470 13th St.,
 Oakland. Owner, Mrs. D. Nunan. This
 dwelling will be erected on the Broad-
 moor Tract, and has been designed for
 an eight-room house with bath and
 sleeping porch. Interior finish will be
 of pine and white enamel. Hardwood
 floors will be used in the living room,
 dining room and reception hall. There
 will be furnace heat and open fire
 places. Mantels will be of brick. An

automatic water heater will be in-
 stalled. Tile will be used in the bath
 room and kitchen. Exterior of the
 house will be covered with shingles
 and shiplap. Plans are complete and
 figures are now being taken by the
 architects.

RESIDENCE—2 story and base,
 frame, \$6,500. Oakland, Cal. Archi-
 tect, William H. Ratcliff, Jr., First Na-
 tional Bank Bldg., Berkeley. Owner,
 J. W. Clarke. The house will be erect-
 ed at Adams Point, and will contain
 in the neighborhood of ten rooms,
 baths and sleeping porch. Interior will
 be finished in pine, redwood and hard-
 wood. Floors in the principal rooms
 will be of hardwood. Bath rooms will
 have composition floors and tile wains-
 cot. There will be furnace heat and
 open fire places. Mantels will be of
 tile and brick. An automatic water
 heater will be installed. Tile will be
 used in the kitchen. Exterior of the
 dwelling will be covered with cement
 and figures are now being taken by the
 architect.

RESIDENCE—2 story and base,
 frame, \$4,500. Piedmont, Alameda Co.,
 Cal. Architect, Charles W. McCall,
 Central Bank Bldg., Oakland. Owner's
 name withheld. The house will be
 erected on Mesa avenue and will
 contain in the neighborhood of eight
 rooms, bath and sleeping porch. All
 interior finish will be of pine and white
 enamel. Bath rooms will have com-
 position floors and tile wainscot. There
 will be furnace heat and open fire
 places. Mantels will cost \$150 each
 and will be of brick and tile. Hard-
 wood floors will be used in the living
 room, dining room, den and recep-
 tion hall. Tile will be used in the
 kitchen. An automatic water heater
 will be installed. Exterior of the
 house will be covered with cement
 plaster on metal lath. Plans are now
 ready for figures.

RESIDENCE—2 story and base,
 frame, \$4,500. Berkeley, Alameda Co.,
 Cal. Architect, Frank S. Forster, 1417
 Arch St., Berkeley. Owner, Dr. C. L.
 Roadhouse. The dwelling will be
 erected in North Berkeley and will
 contain seven rooms, bath and sleep-
 ing porch. Interior will be finished in
 pine, redwood and some hardwood ve-
 neer. Hardwood floors will be used
 in the living room, dining room and
 reception hall. There will be furnace
 heat and open fire place. Mantel will
 be of brick. Tile will be used in the
 bath room and kitchen. An automatic
 water heater will be installed. Exter-
 ior of the dwelling will be covered
 with cement plaster on metal lath.
 Plans have been revised and new fig-
 ures are now being called.

APARTMENT HOUSE—3 story and
 base, frame. Cost not stated. Oakland,
 Cal. Architect, none. Owner, D. Mil-
 ler, 21st St., Oakland. The building
 will be erected on 21st street between
 Webster and Harrison streets. Suites
 will be arranged in two and three
 room apartments. Interior finish will
 be of pine throughout. There will be
 private bath rooms and wall beds.
 Plans provide for a central heating
 system and hot water supply. Bath
 rooms will have tile wainscot. Ex-
 terior of the building will be covered
 with cement plaster on metal lath.
 Plans are complete and in the hands
 of the owner who will do the work by
 Day Labor. He is now in the market
 for all materials.

CHURCH—1 story, frame, \$5,000. Oakland, Cal. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, St. Peter's Parish. The building will be erected in Rock Ridge Park. Interior will be arranged for a main auditorium and Sunday school rooms. All interior finish will be of pine or redwood. Some art glass will be used. Exterior of the church will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, none. Owner, P. E. Kennedy, 2539 Milvia St., Berkeley. The building will be erected at the northeast corner of Parker and Milvia streets, and has been designed to contain twelve rooms, which are to be arranged in two flats. Interior finish will be of pine and redwood. Some hardwood floors are specified. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner. Work will be done by Day Labor and he is now purchasing all materials.

HOTEL—6 story and base, brick and steel, \$65,000. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, Charles Streit. This building has been mentioned here a number of times before when the plans were first started. Contracts have been let for the excavating, concrete and steel work. The building will be erected at the northeast corner of 11th and Franklin streets and will be arranged with a number of stores on the first floor and guest rooms above. Many of the rooms will have private baths. Interior finish will be of pine and hardwood with ornamental plaster in the lobby and office. Bath rooms will have tile floors and wainscot. There will be steam heat, elevator service and a vacuum cleaning plant. Exterior of the building will be faced with pressed brick. Bids are now being taken for the general construction.

RESIDENCE—2 story and base, frame, \$3,800. Alameda, Alameda Co., Cal. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, John Lundholm. The dwelling is to be erected at the corner of 8th and Santa Clara avenue, and will contain six rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owner is now purchasing all materials.

RESIDENCES—1, 1 story and 1, 2 story and base, frame, \$2,600 and \$3,000. Oakland, Cal. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. McWilliams. These two dwellings will be erected on 21st street between 5th and 7th avenues. Houses will contain six and seven rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of brick. Tile will be used in the bath rooms. Exteriors will be cov-

ered with cement plaster on metal lath. Plans for both houses are complete and work will shortly be started by Day Labor. All materials are now being purchased.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
2172	Shelburn	Shelburn	800
2176	Nulty	Higgins	2955
2179	Hazeltine	Hazeltine	400
2180	Lorenzen	Bertelsen	5500
2181	Oakland	Van Sant	28286
2182	Dean	Hollenbeck	1900
2183	Freedman	Meek	350
2184	Jones	Barnett	400
2185	Brown	Okd Bldg	3465
2186	Bruguiere	Legault	13000
2189	Wilson	Phelps	1000
2190	Cluff	Faulkes	500
2191	Collins	Collins	1000
2192	Montgomery	Webb	400
2193	Koenig	Janssen	800
2194	Thompson	Thompson	1000
2195	Dyrne	Sommarstrom	10000
2196	Marquis	Marquis	1600
2197	Same	Same	1600
2200	Ideal Ldry	Thornally	9955
2201	Kleiner	Null	500
2202	Gill	Dingwell	2100
2203	Bird	Rich	2100
2204	Andrews	Fenn	8000
2205	Bell	Weltzel	3726
2206	Powell	Judson	1611
2207	Kroeger	Bruce	2623
2208	McClengahan	Rice	1220
2209	Morgensen	Owner	2500
2210	Same	Same	2500
2211	United Bldrs	Owner	1600
2214	Dalziel	Simpson	4165
2215	Russell	Bolts	1900
2216	Pallen	Pallen	2500
2217	King	Brann	500
2218	Schmidt	McDonald	400
2219	St. Claire	Hart	400

(2172) E GENOA 70 N Arlington, Oakland. One-story 4-room dwelling. Owner.....E. Shelburn, 1636 Felton. Architect...None.

Day's work. COST, \$800

(2176) LOT 4 BLK 2 Warner Tract, Elmhurst, Oakland. All work for one story stores.

Owner.....M. Nulty, Oakland. Architect...None.

Contractor..W. H. Higgins, 2477 94th Ave., Oakland.

Filed July 21, '13. Dated July 21, '13. Frame up & roof sheathing on... \$650

1st coat plaster on..... 650

Completed and accepted..... 1650

TOTAL COST, \$2955

Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(2179) NO. 1021 FILBERT, Oakland. Alterations.

Owner.....Mrs. W. P. Hazeltine, 1021 Filbert, Oakland.

Architect...None.

Contractor..Mr. Von. COST, \$400

(2180) S THIRTY-NINTH 165 W Grove, Oakland. Two-story 10-room flats.

Owner.....H. Lorenzen, Pleasant Valley Court, Oakland.

Architect...None.

Contractor..S. J. Bertelsen, 473 Newton Ave., Oakland.

COST, \$5500

(2181) LAKE MERRITT, Oakland. Boat house.

Owner.....City of Oakland.

Architect...W. D. Reed, Oakland Bank of Svcs Bldg., Okd.

Contractor..Van Sant-Houghton Co., 1st National Bank Bldg., Oakland.

COST, \$28,286

(2182) S NADEAN PLACE 470 W 55th Ave., Oakland. One-story 4-room dwelling.

Owner.....Dean & Wade.

Architect...None.

Contractor..G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1900

(2183) NO. 457 SEVENTH, Oakland. Alterations.

Owner.....Freedman Bros., 438 7th, Oakland.

Architect...None.

Contractor..T. M. Meek Co., 1157 Mission, San Francisco.

COST, \$550

(2184) S TODD 200 W 73rd Ave., Oakland. Addition.

Owner.....C. S. Jones, 540 Union, Okd

Architect...None.

Contractor..L. S. Barnett, 1237 7th, Oakland.

COST, \$400

(2185) LOT 8 BLK "B" Fourth Ave. Terrace, Oakland. All work for two-story dwelling.

Owner.....Gertrude S. Brown, Okd.

Architect...None.

Contractor..Oakland Bldg. & Investment Co., 102 Bacon Bldg., Oakland.

Filed July 22, '13. Dated July 18, '13.

Foundation in & building framed...\$875

1st interior and exterior coat plaster on..... 875

Ready for acceptance..... 865

Usual 35 days..... 850

TOTAL COST, \$2465

Bond, \$1750. Sureties, W. H. Whitmore and Joseph H. Teyons. Limit, 100 days

Forfeit, \$1. Plans and specifications filed.

(2186) W MARKET 87½ S 8th 95x87, Oakland. One-story brick theatre and one-story frame stores.

Owner.....The Bruguiere Co.

Architect...J. Henry Boehrer, Delger Bldg., Oakland.

Contractor..J. Henry Boehrer & Alfred Legault, Delger Bldg., Okd.

Filed July 21, '13. Dated July 21, '13.

Contractors get \$1100, paid as follows:

Execution of this agreement.... ¾

Rough frame up..... ¾

Interior plastering completed... ¾

10 days after..... ¾

TOTAL COST, \$13,000

Bond, none. Limit, Nov. 1, '13. Forfeit, none. Plans and specifications filed.

NOTE:—Owner pays bills within 10 days.

(2189) W THIRTY-FIFTH AVE 135 S Deering Ave., Oakland. One-story 4-room dwelling.

Owner.....Mrs. L. M. Wilson.

Architect...None.

Contractor..A. N. Phelps, 3541 Brookdale Ave., Oakland.

COST, \$1000

(2190) NO. 1035 SIXTY-SIXTH AVE., Oakland. Alterations and additions.

Owner.....Mrs. W. Cluff, Premises.

Architect...None.

Contractor..Jno. R. Faulkes, 9828 E-14th, Oakland.

COST, \$500

(2191) NO. 326 VERNON, Oakland. Fire repairs.

Owner.....Geo. H. Collins, Premises.

Architect...None.

Day's work. COST, \$1000

(2192) — BERELL 250 E. Tompkins, Oakland. Three sleeping porches. Owner.....Mrs. C. J. Montgomery, Premises. Architect...None. Contractor...T. W. Webb, 245 Fruitvale Ave., Oakland. COST, \$400

(2193) S THIRTY-EIGHTH 104 W Broadway, Oakland. One-story cleaning works and barn. Owner.....J. R. Koenig Jr., Alameda. Architect...None. Contractor...E. A. Janssen, Hearst Bldg San Francisco. COST, \$800

(2194) S FIFTY-SECOND 193 E Grove Oakland. One-story 5-room dwlg. Owner.....W. A. Thompson, 735 52nd, Oakland. Architect...None. Day's work. COST, \$1000

(2195) GORE OF E-NINETEENTH & Athol Ave., Oakland. Three-story 20 room apartment house. Owner.....L. L. Byrne. Architect...None. Contractor...M. F. Sommarstrom, 35 Rose Ave., Oakland. COST, \$10,000

(2196) E FORTY-FIRST AVE 600 S Santa Rita, Oakland. One-story 5-room dwelling. Owner.....E. M. Marquis, 2827 Russell Berkeley. Architect...None. Day's work. COST, \$1600

(2197) W FORTY-SECOND AVE 800 S Santa Rita, Oakland. One-story 5-room dwelling. Owner.....E. M. Marquis, 2827 Russell Berkeley. Architect...None. Day's work. COST, \$1600

(2200) SW TWENTY-SEVENTH AVE and E-Ninth; Lots 13, 14, and 15 Blk "R" Knowles & Potter Bldg., Oakland. All work for two-story brick and frame laundry. Owner.....Ideal Laundry Co., Prem. Architect...H. R. Hill, 46 Laurel Ave., Oakland. Contractor...W. G. Thornally, 3027 E-16th, Oakland. Filed July 24, '13. Dated July 23, '13. 2nd floor joists laid.....\$2488 Brick work completed.....2488 Completed.....2488 Usual 35 days.....2491 TOTAL COST, \$9955

Bond, \$5500. Sureties, Joseph Ramon and Joseph Valladao. Limit, 60 days after July 23. Forfeit, none. Plans and specifications filed.

(2201) NO. 3429 SAN PABLO AVE., Oakland. Alterations. Owner.....R. Kleiner, 38th and San Pablo Ave., Oakland. Architect...None. Contractor...Geo. C. Nall, 432 Salem St., Emeryville. COST, \$400

(2202) NO. 1212 JEFFERSON, Oakland. Roof repairs. Owner.....E. C. Gill, 2029 Telegraph Ave., Oakland. Architect...None. Contractor...J. H. Dingwell, 2006 West, Oakland. COST, \$500

(2203) N APGAR 300 E San Pablo Ave Oakland. One-story 5-room dwlg. Owner.....Evelyn Bird, Don Apartments, Oakland. Architect...None. Contractor...Jas. L. Rich, 3900 Lusk, Oakland. COST, \$2100

(2204) NO. 590 THIRTY-THIRD, Oakland. Alterations. Owner.....Mary Andrews, Premises. Architect...None. Contractor...Theo. Fenn, 749 61st, Okd. COST, \$800

(2205) LOT 16 BLK "K" Berry Bangs Tract, Oakland. All work for two-story dwelling. Owner.....William J. Bell, 858 52nd, Oakland. Architect...None. Contractor...John Weitzel, 1519 Grant, Berkeley. Filed July 24, '13. Dated July 22, '13. Frame up.....1/4 Brown coated.....1/4 Completed and accepted.....1/4 Usual 35 days.....1/4 TOTAL COST, \$3726 Bond, none. Limit, Oct. 22. Forfeit, none. Plans and specifications filed.

(2206) NE THIRTEENTH AND WEBSTER E 100XN 50, Oakland. Setting cast iron bases for steel columns and structural work for seven-story steel and brick hotel. Owner.....H. A. Powell, Oakland. Architect...F. D. Voorhees, Central Bank Bldg., Oakland. Contractor...Judson Mfg. Co., 819 Folsom, San Francisco. Filed July 24, '13. Dated July 15, '13. 1st and 15th of each month.....75% Usual 35 days.....25% TOTAL COST, \$16,111 Bond, none. Limit, 65 days after July 15. Forfeit, \$25. Plans and specifications filed.

(2207) PTN LOT 1 Map Harris & Donahue Tract, Pleasanton. All work for one-story dwelling. Owner.....Peter Kroeger, Pleasanton. Architect...None. Contractor...C. A. Bruce, Pleasanton. Filed July 23, '13. Dated July 22, '13. Frame up.....1/4 Roof on and interior plastering completed.....1/4 Completed.....1/4 Usual 35 days.....1/4 TOTAL COST, \$2623

Bond, none. Limit, 60 days after July 24. Forfeit, none. Plans and specifications filed.

(2208) W EIGHTY-SEVENTH AVE 102.5 S "B" W 130XN 34, Oakland. All work for one-story dwelling. Owner.....Mrs. Jos. McCleneagan, 538 22nd, Oakland. Architect...None. Contractor...Geo. F. Rice, 5424 Foothill Blvd., Oakland. Filed July 24, '13. Dated July 23, '13. Frame up and sheathing on.....1/4 Brown coated.....1/4 Completed.....1/4 Usual 35 days.....1/4 TOTAL COST, \$1220

Bond, none. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(2209) S ARLINGTON 301 E Park, Oakland. One-story 5-room dwlg.

Owner.....Morgensen Bros., 554 63rd, Oakland. Architect...None. Day's work. COST, \$2500

(2210) S ARLINGTON 264 E Park, Oakland. One-story 5-room dwlg. Owner.....Morgensen Bros., 554 63rd, Oakland. Architect...None. Day's work. COST, \$2500

(2211) W ELSTON AVE 255 S Hampel, Oakland. One-story 5-room dwlg. Owner.....United Home Bldrs., 1762 Broadway, Oakland. Architect...None. Day's work. COST, \$1600

(2214) BLK 67 MAP ESTUDILLO TCT San Leandro. All work except finish hardware, plumbing, gas fitting, heating, lighting fixtures and shades for two-story and basement frame dwelling. Owner.....James Dalziel, 564 Mission, San Francisco. Architect...Louis M. Upton, Mutual Savings Bank Bldg., S. F. Contractor...S. Simpson, San Leandro. Filed July 25, '13. Dated July 21, '13. Roof rafters in place.....1/4040 Plastering completed.....1040 Completed, accepted and filed.....1040 Usual 35 days.....1045 TOTAL COST, \$1465

Bond, \$2100. Sureties, Fred Schmidt, C. R. De Mont and F. C. Stokes. Limit 60 days. Forfeit, none. Plans and specifications filed.

(2215) LOT 33 BLK 11 Eastlawn Tract Oakland. All work for one-story dwelling and 4 chicken houses. Owner.....Marion J. Russell, Okd. Architect...None. Contractor...M. C. Bolts. Filed July 25, '13. Dated June 21, '13. Frame up.....\$380 Plastered on interior.....380 Finish on exterior.....380 Completed and accepted.....380 Usual 35 days.....380 TOTAL COST, \$1900

Bond, \$1000. Sureties, Mrs. S. A. Bolts and C. P. Eggleston. Limit, Sept. 15. Forfeit, none. Plans and specifications filed.

(2216) N GLENDALE AVE 90 E Manila, Oakland. One-story 5-room dwelling. Owner.....A. H. Pallen, 686 61st, Okd. Architect...None. Day's work. COST, \$2500

(2217) NO. 1072 FIFTY-FIFTH, Oakland. Addition. Owner.....J. H. King, 1364 Park Ave., Emeryville. Architect...None. Contractor...J. L. Brain, 1142 53rd, Okd. COST, \$500

(2218) E EIGHTY-FIFTH AVE 200 S Olive, Oakland. One-story 4-room dwelling. Owner.....C. O. Schmidt, S. F. Architect...None. Contractor...Ed. McDonald, 2057 85th Ave., Oakland. COST, \$400

(2219) NO. 1677 TENTH, Oakland. Addition. Owner.....C. St. Claire. Architect...None. Contractor...D. E. Hart. COST, \$400

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
2173	Roth	.....Roth	2000
2174	Kennedy	.....Kennedy	2000
2175	Anderson	.....Anderson	1800
2187	Rosano	.....Offe	700
2188	Schell	.....Schell	1800
2198	Poy	.....Lanzer	850
2199	Worthy	.....Worthy	1500
2212	Hayes	.....Spitler	2200

(2173) N MONTANA 250 W Fruitvale, Berkeley. One and one-half-story 6-room dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(2174) NE PARKER AND MILVIA, Berkeley. Two-story 12-room flats.
Owner.....B. E. Kennedy, 2539 Milvia Berkeley.
Architect...None.
Day's work. COST, \$3000

(2175) N RUSSELL 70 W Mathews, Berkeley. One-story 5-room dwlg.
Owner.....L. W. Anderson.
Architect...None.
Day's work. COST, \$1800

(2187) NW NINTH AND ADDISON, Berkeley. Alterations.
Owner.....Mrs. T. Rosano, 2028 9th, Berkeley.
Architect...None.
Contractor...F. A. Offe, 1025 Bristol, Berkeley.
COST, \$700

(2188) S BANCROFT WAY 140 E 9th, Berkeley. One-story 4-room dwlg.
Owner.....Geo. Schell, 2234 9th, Bkly.
Architect...None.
Day's work. COST, \$1800

(2198) E SHATTUCK 75 N Dwight Way, Berkeley. Addition.
Owner.....John Foy, Arch and Virginia, Berkeley.
Architect...Peter Glaser, 2070 Union, San Francisco.
Contractor...John Lanzer, 2109 Dwight way, Berkeley.
COST, \$850

(2199) N VIRGINIA 35 E Sacramento, Berkeley. One-story 5-room dwlg.
Owner.....N. Worthy, 1941 Kittredge, Berkeley.
Architect...None.
Day's work. COST, \$1500

(2212) E OTIS 50 S Russell, Berkeley. One-story 5-room dwelling.
Owner.....T. J. Hayes, 2907 Otis, Berkeley.
Architect...None.
Contractor...E. B. Spitler, 2154 Ashby Ave., Berkeley.
COST, \$2200

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
2177	Strang	.....Strang	1700
2178	Powell	.....Powell	2000
2213	Associated Oil	.....Smith	2142

(2177) NO. 1808 LINCOLN AVE., Alameda. One-story 4-room dwelling.
Owner.....E. H. Strang, 1116 Santa Clara Ave., Alameda.

Architect...None.
Day's work. COST, \$1700

(2178) NO. 2269 POWELL AVE., Alameda. One-story 6-room dwelling.
Owner.....Powell Bros. Constr. Co.
Designer...M. H. Fish, 1528 Court, Alameda.
Day's work. COST, \$2000

(2213) ADJACENT TO SW FREIGHT house of S. P. Co. at its West Alameda Station, Alameda. Foundations for 4 steel tanks, loading platform, garage, pump house and fence.
Owner.....Associated Oil Company.
Architect...None.
Contractor...H. F. Smith, Oakland.
Filed July 25, '13. Dated July 15, 13.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2142

Bond, \$1100. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans only filed.

COMPLETION NOTICES.

ALAMEDA COUNTY

July 21, 1913—LOT 37, Hemphill Tet and 20 ft. on Patterson Ranch; 1640 51st Ave., Okd. Peter Freerberg to C Hartwig.....July 21, 1913
July 21, 1913—S SIXTIETH 110 E Howell, Okd. George Dobson to Ernsberger & Dildine.....July 12, 1913
July 21, 1913—LOT 45 Amended Map Woodlawn, Okd. George C Collidge to Alex C Wieben.....July 19, 1913
July 21, 1913—NW IRVING AVE 298.70 NE Talcott Ave NE 46-1xNW 110, Okd. Herbert L Dalton to Thorup & Asmussen.....July 10, 1913
July 21, 1913—S 10 LOT 3 and N 20 Lot 4 Blk 20 Map Northbrae, Bkly. S G Rankin to whom it may concern.....July 16, 1913
July 22, 1913—E REGENT 50 S Derby S 50xE 108, Bkly. F A Jackson to Louis Engler.....July 16, 1913
July 22, 1913—LOT 12 BLK "A" Map Kenwood Park, Okd. Inland Floor Co vs J W Jones and Wm Morris.....\$63.24
July 22, 1913—LOT 10 BLK "A" Map Kenwood Park, Okd. Inland Floor Co vs J W Jones & Wm Morris.....\$58.99
July 22, 1913—LOT 12 BLK "A" Map Kenwood Tract, Okd. Melrose Lumber & Supply Co vs Wm Morris.....\$260.16
July 23, 1913—SE E-FIFTEENTH 190 SE 1st Ave SW 145 NW 90 SW 5 N 90 32.64 NE 170.74 SE 41.24, Okd Eugene A Schmidt to whom it may concern.....July 11, 1913
July 23, 1913—SE BAY VIEW AVE 399.07 SW Bay View Terrace SW 40 xSE 115, Okd. Thomas H and Mary E Willard to J M Ploeger.....July 18, '13
July 23, 1913—SE HAIGHT AVE & 8th 32x132½, Ala. V P Fogle to A G Vollmar.....July 21, 1913
July 23, 1913—NW BROADWAY & N 26th W along 26th 153.63 N 233.20 W 199.94 S 52.13 W 187, Okd. First Presbyterian Church of Oakland to California Plate & Window Glass Co, May 29, 1913; A M Poulsen.....July 11, 1913
July 23, 1913—LOT 10 BLK "A" Map Kenwood Park, Okd. W H Little vs Jesse Wilton Jones.....\$155
July 23, 1913—LOT 12 BLK "A" Map Kenwood Park, Okd. W H Little vs Jesse Wilton Jones and Wm M Morris.....\$125

July 23, 1913—LOT 12 BLK "A" Map Kenwood Park, Okd. William Le Baron vs William M Morris.....\$12.50
July 23, 1913—LOT 10 BLK "A" Map Kenwood Park, Okd. William Le Baron vs Jesse Wilton Jones.....\$27.50
July 23, 1913—LOT 10 BLK "A" Map Kenwood Park Okd. Hogan Lumber Co vs Jesse Wilton Jones and W H Little.....\$257.71
July 23, 1913—LOT 12 BLK "A" Map Kenwood Park, Okd. Hogan Lumber Co vs Wm M Morris and W H Little.....\$23.07
July 23, 1913—LOT 35 BLK "C" Map Toler Heights, Okd. G H Andrews vs John H Plattner.....\$32.50
July 23, 1913—LOTS 8 AND 9 BLK "D" Map Lincoln Park, Piedmont Annie E Johnson to whom it may concern.....July 22, 1913
July 23, 1913—MADISON NOS. 721-3-5 N 25 ft. of S 50 ft. Lots 17 and 14 Blk 82, Kellersberger's Map of Oakland, Okd. S L Wicks to C M Griffin.....July 21, 1913
July 25, 1913—LOTS 7, 8, 9 AND 10 Daley Scenic Park, Bkly. George H Richardson to Jacob House.....July 24, 1913
July 24, 1913—LOT 11 BLK "N" Map No. 2 of a subdiv ptn Central Oakland Tract E Telegraph Ave, Okd. Ella L and Walter K Nottingham to J P Gallagher and J P Motts.....July 19, 1913
July 25, 1913—SE THIRD AVE 115 NE E-16th NE 35xSE 100, Okd. Jas R Mulrooney to whom it may concern.....July 25, 1913
July 25, 1913—NW BROADWAY AND 26th W along 26th 153.63 N 233.20 W 199.94 S 52.13 W 187.00, Oakland. First Presbyterian Church of Oakland to California Granite Co.....July 18, 1913

LIENS FILED.

ALAMEDA COUNTY.

July 17, 1913—LOT 30 BLK "D" Map Toler Heights, Okd. Inland Floor Co vs John H Plattner.....\$72.76
July 17, 1913—LOT 35 BLK "C" Map Toler Heights, Okd. Inland Floor Co vs John H Plattner.....\$131.32
July 24, 1913—LOT 10 BLK "A" Map Kenwood Park, Okd. F O and W A and C A Wallace vs Jesse Wilton Jones.....\$41.30
July 24, 1913—S PTN LOT 31 Map Boulevard Park, Okd. California Door Co vs Claude Scheek.....\$96.55
July 24, 1913—NE 32 FT. LOT 23 BLK 3 Map Fitchburg Homestead Lots, Okd. California Door Co vs Claude Scheek.....\$67.30
July 24, 1913—N 32 FT. front tapering in st in to N 26 ft. in rear Lot 23 Blk 3 Map Fitchburg Homestead Lots, Okd. John P Maxwell vs Claude Scheek.....\$17.55
July 24, 1913—E 50½ LOT 31 BLK 16, Boulevard Park Tract, Okd. John P Maxwell vs Claude Scheek.....\$37.95
July 25, 1913—LOTS 38 AND 39 Map Park View Tract No. 2, Oakland Tp Sunset Lumber Co vs Mrs Marion R Clement and Geo A Perkins.....\$214.75
July 25, 1913—E 50½ LOT 31 BLK 16 Boulevard Park Tet, Okd. Arthur Maloon, \$8.50; Wm Albers, \$17.25 vs Claude Scheek.....
July 25, 1913—N 32 FRONT tapering in st in to N 26 in rear Lot 23 Blk 3, Fitchburg Homestead Lots, Okd. Arthur Maloon, \$8.50; Wm Albers,

\$30.95 vs Claude Schoelk.....
July 25, 1913—E HARPER 135 N
Ashby Ave N 40x122, Bkly. L B
Lane vs C R Gardelius and Gert
Engelbrechtson\$105.10
July 25, 1913—LOT 10 BLK "A" Map
Kenwood Park, Okd. M D Horner
vs Jesse W Jones.....\$75

SAN JOSE AND THE SANTA CLARA VALLEY.

COTTAGES — 1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: Frank Bosmanic, South Park street, west of Gardiner, San Jose, 1 story frame, five-room cottage, \$1,400, and W. F. Gilman, 530 Hull avenue, San Jose, 1 story frame, four-room cottage, \$1,600. Owners will purchase all materials.

HUNGALOWS— 5, 1 story and base, frame, \$2,000 each. Pacific Grove, Monterey Co., Cal. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Conference Claimants' Endowment Fund. Each of these houses will contain five rooms and bath. Interiors will be finished in pine with some hardwood floors. There will be a large open fire place with tile or brick mantel in each living room. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

Contracts Awarded.
MAUSOLEUM—Class A construction, \$85,000. San Mateo Co., Cal. Architect, C. C. Cummings, Monadnock Bldg., S. F. Owners, Modern Mausoleum Co. Contractors, Roberts Bros., Sheldon Bldg., S. F. Contract price, \$85,000.

Building Contracts.
SANTA CLARA COUNTY.

NEAR COR. OF ELEVENTH AND SAN
Antonio, San Jose. All work for two-story frame dwelling.
Owner.....L. Morrison, 257 N-First, San Jose and L. E. Puper,
Architect...Owners.
Contractor..C. C. Lewis, 447 S-15th, San Jose.

Filed July 18, '13. Dated July 1, '13.
Frame up\$812 50
Plastered inside 812 50
When completed 812 50
Usual 35 days..... 812 50
TOTAL COST, \$3250 00
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

No. 405 S-EIGHTH, San Jose. Two-story addition.
Owner.....Mrs. G. F. Williams, Prem.
Designer.....G. W. Latta, 432 N-11th, San Jose.
Conaractor..W. R. Latta, 432 N-11th, San Jose.
COST, \$1000

No. 621 JEFFERSON, San Jose Three room cottage.
Owner.....Mrs. C. Crowder, Premises
Architect...None.
Day's work COST, \$500

S PARK AVE, 2nd Lot W Gardiner Ave, San Jose. Five-room cottage.
Owner.....Frank Desimanie, Prem.
Architect...None.
Day's work COST, \$1400

No. 524 HULL AVE., San Jose. Four-room cottage.
Owner.....W. F. Gilman, 530 Hull Ave, San Jose.
Architect...None.
Day's work COST, \$1600

LIENS FILED
SANTA CLARA COUNTY.

RECORDED AMOUNT
July 18, 1913—MORGAN HILL, CAL.
S W Naylor vs L B Compton..\$57.25

Building Contracts.
SAN MATEO COUNTY.

LOT 6 BLK 11 Map Sub Div No. 2, Burlingame Park, Burlingame. All work for one-story frame residence.
Owner.....Isabel K. Rixon.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor..Pedersen & Overra, Richmond.

Filed July 26, '13. Dated June 25, '13.
Frame up, boarded in, chimneys up and plumbing roughed in..\$865 50
1st coat plaster on..... 865 50
Completed and accepted..... 865 50
Usual 35 days..... 865 50
TOTAL COST, \$3620 00
Bond, \$1731. Surety, National Surety Co. of New York. Limit, 60 days. Forfeit, none. Plans and specifications filed.

W MAIN 165 N Burlingame Ave, Burlingame. All work for alterations and additions to three-story frame hotel building.
Owner.....Peter Liberopoulos.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor..J. J. Heaphy, 1721 Lombard San Francisco.

Filed June 26, '13. Dated June 23, '13.
Frame up\$812 50
Brown coated 812 50
Completed and accepted..... 812 50
Usual 35 days..... 812 50
TOTAL COST, \$3250 00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NW BURLINGAME AVE AND MAIN,
Burlingame. All work for two-story and basement reinforced concrete Class "C" stores and offices.
Owner.....Estelle V. Hansen, S. F.
Architect...Havens & Toepke, 46 Kearny, San Francisco.
Contractor..Caldwell & Wisnom, San Mateo.

Filed June 26, '13. Dated June 21, '13.
All concrete walls up to 1st floor line and 1st floor osts in place..\$2000
Walls completed and roof on... 2200
Lathed and 1st coat plaster on interior and exterior..... 2000
Plaster completed, sash hung and standing finish on..... 2000
Completed and accepted..... 2000
Usual 35 days..... 3400
TOTAL COST, \$13,600

Bond, \$6800. Sureties, Robert Wisman and W. L. Coleman. Limit, 125 days. Forfeit, \$10. Plans and specifications filed.

LOT "X" BLK 6 Map No. 2 Burlingame Land Co., Burlingame. All work for building.
Owner Henry T. Daley, Burlingame.
Architect...None.

Contractor..W. B. Eaton, Burlingame.
Filed June 28, '13. Dated ———
Frame completed\$675
Roof completed, walls sheathed, rough plastering on..... 675
Plastering completed 675
Completed and accepted..... 675
Usual 35 days..... 900
TOTAL COST, \$3600

Bond, \$1800. Sureties, C. A. Buck and Joseph Grimes. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BERESFORD, San Mateo Co., Cal.
Heating and hot water work for frame club building.
Owner.....Beresford Country Club.
Architect...Sylvain Schnattacher and G. Albert Lansburg (associated), 1st National Bk. Bldg. and 907 Mission, S. F.
Contractor..John G. Sutton Co., 243 Minna, San Francisco.

Filed July 28, '13. Dated June 16, '13.
On the 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3240
Bond, \$1620. Surety, Pacific Coast Surety Co. Limit, as fast as possible. Forfeit, \$50 per day. Plans and specifications filed.

ALL PLUMBING, SEWERING AND
gas fitting on above.

Contractor..Frederick W. Snook Co., 596 Clay, San Francisco.
Filed June 28, '13. Dated June 16, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6942
Bond, \$3471. Surety, Aetna Accident & Liability Co. Limit, none. Forfeit, \$50. Specifications only filed.

PORTRIN OF ESTATE OF CHARLES
Templeton Crocker in San Mateo County, Cal., known as Uplands. Brick work for two-story, attic and basement Class "A" residence.
Owner.....Charles Templeton Crocker Shreve Bldg., S. F.
Architect...Wills Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor..F. L. Preston, 337 Eddy, San Francisco.

Filed May 29, '13. Dated April 15, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$15,200
Bond, \$600. Surety, Pacific Coast Casualty Co. Limit, Nov. 12. Forfeit, \$15. Plans and specifications filed.

FURNISH AND INSTALL STONE
work on above.

Contractor..McGillvray Stone Co., 631 Townsend, San Francisco.
Filed May 29, '13. Dated May 8, '13.
Payments same as above.....
TOTAL COST, \$8150
Bond, \$1100. Sureties, John D. McGillvray and John D. McGillvray Jr. Limit, work to start on or before Dec. 10, 1913 and be completed in 100 days. Forfeit, \$10. Plans and specifications filed.

ERECT ALL STRUCTURAL STEEL
and set cast iron bases, etc., on above

Contractor..Pioneer Construction Co., 180 Jessie, San Francisco.
Filed May 29, '13. Dated April 17, '13.
Payments same as above.....
TOTAL COST, \$4300
Bond, \$2200. Surety, Pacific Coast Casualty Co. Limit, 50 days from July

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.
CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

1, 1913. Forfeit, \$10. Plans and specifications filed.

FURNISH AND INSTALL ALL FLOOR
and wall tile on above.

Contractor..Mangrum & Otter, 561 Mission, San Francisco.

Filed May 29, '13. Dated April 28, '13.

Payments same as above.....

TOTAL COST, \$3450
Bond, \$1800. Surety, Pacific Coast Casualty Co. Limit, 100 days from time notified to start. Forfeit, \$10. Plans and specifications filed.

ALL METAL PARTITIONS, FURRING,
lathing and plastering on above.

Contractor..Chas. Floodberg and Hugh McCaffery, Monadnock Bld San Francisco.

Filed May 29, '13. Dated April 15, '13.

Payments same as above.....

TOTAL COST, \$26,000
Bond, \$13,000. Surety, Pacific Coast Casualty Co. Limit, 4½ months from time notified to start. Forfeit, \$20. Plans and specifications filed.

ALL EXTERIOR CEMENT WORK ON
above.

Contractor..Chas. Floodberg & Hugh McCaffery, Monadnock Bld San Francisco.

Filed May 29, '13. Dated April 15, '13.

Payments same as above.....

TOTAL COST, \$25,000
Bond, \$12,500. Surety, Pacific Coast Casualty Co. Limit, 90 days from time notified to start. Forfeit, \$20. Plans and specifications filed.

ALL CARPENTRY WORK ON ABOVE.
Contractor..Cavanagh & Vezina, 180 Jessie, San Francisco.

Filed May 29, '13. Dated April 17, '13.

Payments same as above.....

TOTAL COST, \$12,150
Bond, \$6200. Sureties, D. O. Druffel and Fred H. Beaver. Limit, 6 months from time notified to start. Forfeit, \$15. Plans and specifications filed.

ALL CABINET WORK ON ABOVE.

Contractor..Cavanagh & Vezina, 180 Jessie, San Francisco.

Filed May 29, '13. Dated April 17, '13.

Payments same as above.....

TOTAL COST, \$21,425
Bond, \$10,800. Sureties, D. O. Druffel and Fred H. Beaver. Limit, 6 months from time notified to start. Forfeit, \$20. Plans and specifications filed.

ALL GLASS AND GLAZING ON ABOVE.
Contractor..W. P. Fuller & Co., Beale and Mission, San Francisco.

Filed May 29, '13. Dated April 29, '13.

Payments same as above.....

TOTAL COST, \$11,550
Bond, \$1100. Sureties, W. P. Fuller and E. E. Simmons. Limit, 60 days from time notified to start. Forfeit, \$10. Plans and specifications filed.

ALL ORNAMENTAL IRON & BRONZE
work on above.

Contractor..Rudgear-Merle Co., Bay & Stockton, San Francisco.

Filed May 29, '13. Dated April 24, '13.

Payments same as above.....

TOTAL COST, \$11,550
Bond, \$5800. Sureties, A. Sbarboro and R. A. Sbarboro. Limit, 60 days from time notified to start. Forfeit, \$15. Plans and specifications filed.

ERECT AND INSTALL ROOFING AND
sheet metal work on above.

Contractor..Forderer Cornice Works,

269 Potrero Ave., S. F.

Filed May 29, '13. Dated April 16, '13.

Payments same as above.....

TOTAL COST, \$2250
Bond, \$1200. Surety, Pacific Coast Casualty Co. Limit, 60 days from time notified to start. Forfeit, \$10. Plans and specifications filed.

FURNISH AND DELIVER ALL HARD-
ware on above.

Contractor..Yale & Towne Mfg. Co., Rialto Bldg., S. F.

Filed May 29, '13. Dated April 21, '13.

Payments same as above.....

TOTAL COST, \$5790
Bond, \$2900. Surety, Pacific Coast Casualty Co. Limit, 30 days from time notified to start. Forfeit, \$10. Plans and specifications filed.

FURNISH AND INSTALL ALL HARD-
wood floors on above.

Contractor..Inland Floor Co., 18th and Harrison, San Francisco.

Filed May 29, '13. Dated May 10, '13.

Payments same as above.....

TOTAL COST, \$4295
Bond, \$2200. Surety, Pacific Coast Casualty Co. Limit, 60 days from time notified to start. Forfeit, none. Plans and specifications filed.

FURNISH AND INSTALL STEAM
heating and ventilating system on above.

Contractor..Pacific Fire Extinguisher Co., 507 Montgomery, S. F.

Filed May 29, '13. Dated May 5, '13.

Payments same as above.....

TOTAL COST, \$8686
Bond, \$4400. Surety, Pacific Coast Casualty Co. Limit, 45 days from time notified to start. Forfeit, \$15. Plans and specifications filed.

ALL PLUMBING ON ABOVE.

Contractor..Snook & Co., 596 Clay, San Francisco.

Filed May 29, '13. Dated April 30, '13.

Payments same as above.....

TOTAL COST, \$10,425
Bond, \$5300. Surety, Fidelity & Deposit Co. of Maryland. Limit, 105 days from time notified to start. Forfeit, \$15. Plans and specifications filed.

ALL ELECTRIC WORK ON ABOVE.

Contractor..Butte Eng. & Elec. Co., 653 Howard, San Francisco.

Filed May 29, '13. Dated May 5, '13.

Payments same as above.....

TOTAL COST, \$4450
Bond, \$2300. Surety, Pacific Coast Casualty Co. Limit, 105 days from time notified to start. Forfeit, \$10 per day. Plans and specifications filed.

FURNISH AND INSTALL VACUUM
sweeping machine on above.

Contractor..George A. Gadd, Filed May 29, '13. Dated May 3, '13.

Payments same as above.....

TOTAL COST, \$549
Bond, none. Limit, 30 days from time notified to start. Forfeit, \$5 per day. Plans and specifications filed.

FURNISH AND INSTALL ELECTRIC
elevator plant on above.

Contractor..Otis Elevator Co., Beach & Stockton, San Francisco.

Filed May 29, '13. Dated May 9, '13.

Payments same as above.....

TOTAL COST, \$1400

Bond, none. Limit, 30 days from Feb. 10, 1914. Forfeit, \$10 per day. Plans and specifications filed.

BURLINGAME TERRACE. All work for one-story four-room and basement frame residence.

Owner.....James Soares, 562 8th Ave., San Francisco.

Architect...None.
Contractor...David Houle, 660 Market, San Francisco.

Filed June 3, '13. Dated —.

Frame up and rafters set....\$462 50
Brown coat plaster on.....462 50
Completed and accepted.....462 50
Usual 35 days.....462 50
TOTAL COST, \$1850 00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOT 262 SAN MATEO PARK, San Mateo. All work for one-story, attic and basement frame residence.

Owner.....H. R. Williams Jr., Burlingame.

Architect...J. B. Ogborn, Richmond.
Contractor...Pedersen & Overra, Richmond.

Filed June 4, '13. Dated May 31, '13.

Rough frame up and ready for shingles\$1373
Enclosed and rough plumbing installed1373
Brown coated and sash fitted....1373
Completed and accepted.....1373
Usual 35 days.....1381
TOTAL COST, \$7323

Bond, \$3661.75. Surety, National Surety Co. of New York. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOT "B" BLK 11 MAP NO. 2, Burlingame Land Co., Burlingame. All work for two-story frame residence and garage.

Owner.....Mrs. Adelaide E. Macdonald, Burlingame.

Architect...None.
Contractor...S. McClure, San Mateo.

Filed June 6, '13. Dated June 4, '13.

Frame up\$1223
1st coat plaster on.....1225
Completed and accepted.....1225
Usual 35 days.....1225
TOTAL COST, \$4900

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SE BURLINGAME AVE AND MIDDLE- field Road, Burlingame. Grading, concrete work, reinforced steel, glazing, painting, roofing, galvanized iron work, tinning, lathing and plastering, store fronts, carpenter and mill work and all other work for one-story reinforced concrete store building.

Owner.....J. H. Hatch, 240 Stockton, San Francisco.

Architect...John J. Foley, 46 Kearny, San Francisco.

Contractor...J. H. Wilson, 2908 Folsom, San Francisco.

Filed June 7, '13. Dated June 5, '13.

As work progresses on 1st of each month75%
Usual 35 days.....25%
TOTAL COST, \$9500

Bond, \$4250. Sureties, Terence Masterson and M. J. Conway. Limit, 75 days. Forfeit, none. Plans and specifications filed.

LOT 18 BLK 19 Reshvin Dingee Park, Redwood City. All work except interior painting for one-story frame bungalow.

Owner.....L. E. Mullen, Redwood City
Architect...None.
Contractor...Donnelly & Waller, Redwood City.

Filed June 10, '13. Dated June 10, '13.

Frame up\$625
Plastering completed625
Completed and accepted.....625
Usual 35 days.....625
TOTAL COST, \$2500

Bond, \$1250. Sureties, Geo. E. Stafford and Thos. M. Flynn. Limit, Aug. 6, '13. Forfeit, none. Plans and specifications filed.

LOT 2 BLK "C" Haywood Park Addition, San Mateo. One-story 6-room frame dwelling.

Owner.....Martha L. Regner, S. F.
Architect...Ernest McConnell, Los Angeles Investment Co., Los Angeles.

Contractor...Albert Cooke, San Mateo.

Filed June 14, '13. Dated June 12, '13.

Frame up\$585 50
Ready for lathing.....585 50
Completed and accepted.....585 50
Usual 35 days.....585 50
TOTAL COST, \$2342 00

Bond, none. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

LOT 2 BLK 102, South San Francisco. All work for one-story frame and concrete hungalow.

Owner.....A. F. Plymire, South San Francisco.

Architect...None.
Contractor...A. B. Cavanaugh, Millbrae.

Filed June 18, '13. Dated June 18, '13.

Frame up and boarded in.....\$619 00
Brown coat plaster on.....619 00
Completed and accepted.....619 00
Usual 35 days.....619 50
TOTAL COST, \$2476 50

Bond, \$1239. Sureties, T. Masterson and Mercy Silva. Limit, 70 days. Forfeit, \$5 per day. Plans and specifications filed.

COUNTY ROAD Adj. St. Matthew's Church and extending back to creek, San Mateo. Painting for brick and concrete hospital.

Owner.....St. Matthew's Red Cross Hospital.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...Vincent J. Donovan, 729 Minna, San Francisco.

Filed June 20, '13. Dated June 17, '13.

On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$2900

Bond, \$1450. Surety, The Aetna Accident & Liability Co. Limit, before Sept. 1, 1913. Forfeit, none. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE — 2 story and base, frame, \$10,000. Dixon, Solano Co., Cal. Architects, Salfeld & Kohlberg, Clunie Bldg., S. F. Owner, Henry Peters.

The house will contain in the neighborhood of ten rooms, several baths and a sleeping porch. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the living room, dining room, den and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath

rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$20,000. Rutherford, Napa Co., Cal. Architect, L. M. Turton, Napa. Owner, Fred S. Ewer. This work has been mentioned here some months ago when plans were first started. The house will contain in the neighborhood of twelve rooms, baths and sleeping porch. Interior finish will be of pine and hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of stone and brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

HOSPITAL — 1 and 2 story and base, reinforced concrete, \$10,000 San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, 104 D St., San Rafael. Owners, Marin County. Architect O'Connor has been commissioned by the Marin County Board of Supervisors to prepare plans and specifications for a new and modern County Hospital which is to replace the building recently destroyed by fire. The new hospital will be erected in Lucas Valley, about four miles from San Rafael, and will be of the reinforced concrete type of construction, absolutely fire-proof throughout. The design will be in the Spanish Mission style, closely following the lines of the Old Mission San Rafael. Interior will be arranged for about seventy-five rooms, besides the operating rooms, nurses' quarters and administrative offices. Interior will be finished in pine and hardwoods. Tile will be used extensively. There will be a central heating system and other modern improvements. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. An estimated cost of \$40,000 has been placed on the work. Plans will be ready to be submitted to the Board of Supervisors at their next meeting and if final approval is given the plans, bids will be advertised for at once.

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
July 21, 1913—LOT 48 BLK 7 Walls Harbor Center Tract. J N Long vs J C Van L P Anderson, G N Tuttle, J J Burke, Harbor Center Land Co	\$125

LIENS FILED

MARIN COUNTY.

RECORDED	AMOUNT
July 21, 1913—MILL VALLEY. Louis Lambretti vs Frank C Herrick.	\$19.05

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—4 story and base, brick and steel, \$80,000, Fresno.

Fresno Co., Cal. Architect, Eugene Mithewson, Forsythe Bldg., Fresno. Owner, J. D. Statham. This work has been mentioned here before when plans were first started. Working drawings are now being completed. The building will be erected at the corner of Mari-posa and M streets, covering an area of 100 feet square. Interior has been arranged for 38 suites of two, three and four rooms. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat, two electric elevators and a vacuum cleaning system. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Considerable marble and tile will be used in the entrances. Plans are nearly complete.

LIBRARY—1 story and base, reinforced concrete. Cost not stated. Bakersfield, Kern Co., Cal. Architect's name not given. Owners, City of Bakersfield. The building will be erected on Eaker street and has been designed in the classic style. There will be two reading rooms, stack room and librarian's office. Interior finish will be of pine and hardwood. Metal stacks will be used. Exterior of the building will be faced with cement plaster. Plans and specifications are on file with H. F. Murdock, City Clerk, Producers' National Bank Bldg. Bids are now being taken and will be opened on August 5th.

Building Contracts.

FRESNO COUNTY.

BARSTOW SCHOOL DISTRICT, Fresno County. All work for frame school. Owner.....Barstow School District, Fresno.

Architect...Swartz, Hotchken & Swartz, Fresno.

Contractor, J. Netto, Fresno.

Filed July 21, '13. Dated July 21, '13.
Rafters on\$352 50
When plastered 352 50
When completed 352 50
Usual 35 days..... 352 50

TOTAL COST, \$1410 00

Bond, \$1105. Sureties, Geo. Churcher and H. M. Hess. Limit, 36 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOW—1 story and base, frame, \$3,000. Sacramento, Cal. Architect, none. Owner, E. A. Pearce, Sacramento. The dwelling will be erected on Carnegie avenue and 21st street. The house has been designed to contain five rooms and bath. All interior finish will be of pine. Some hardwood floors will be used. There will be an open fire place with brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Building Contracts.

SACRAMENTO COUNTY.

W 75 LOTS 1 AND 2, W J Landers Sub "B," Oak Park, Sacramento. Eight-room dwelling and frame garage.

Owner.....W. T. Foster, 2101 35th St., Sacramento.

Architect...None.

Contractor...Robert Powell, 2811 T St., Sacramento.

COST, \$6000

OAK PARK, Sacramento. Grand stand. Owner.....Sacramento Base Ball Club

Architect...None.

Contractor...Will Kennedy.

COST, \$500

LOT 59 Crescent Park, Sacramento. Alterations.

Owner.....J. Zemansky, 1228 Crescent Ave., Sacramento.

Architect...None.

Contractor...H. Goldman, 1726 H St., Sacramento.

COST, \$800

LOT 60 Crescent Park, Sacramento. Private garage.

Owner.....Mrs. J. Zemansky, 1230 Crescent Ave., Sacramento.

Architect...None.

Contractor...H. Goldman, 1726 26th St., Sacramento.

COST, \$800

LOTS 5, 6, 7, 8, B, C 11TH AND 12TH Sts., Sacramento. Concrete, reinforcing, etc., for five-story building.

Owner.....Phoenix Milling Co., 13th Cor. J St., Sacramento.

Architect...None.

Contractor...Murcell & Haley, 2nd Cor. V St., Sacramento.

Filed July 17, '13. Dated _____.

COST, \$24,694

CURTIS OAKS, Lot 6 Blk 4, Boxler Tct., Sacramento. Dwelling.

Owner.....E. A. Pierce.

Architect...None.

Contractor...C. A. Holmes, 2612 35th St., Sacramento

COST, \$3000

LOT 1 BLK 1, Boxler Tract, Sacramento. Dwelling.

Owner.....E. A. Pierce.

Architect...None.

Contractor...C. A. Holmes, 2612 35th St., Sacramento

COST, \$2800

LOT 6 W AND K TCT 27, Sacramento. Dwelling.

Owner.....Mary Taylor, Sacramento.

Architect...None.

Contractor...H. A. Hendren, 2915 I St., Sacramento.

COST, \$1300

LOTS 7 AND 8, Fairmond, Sacramento. Dwelling.

Owner.....Geo. F. Biger, 814 1/2 19th,

Sacramento.

Architect...None.

Contractor...B. Scovill, 626 14th, Sacramento.

COST, \$1500

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT

July 21, 1913—LOTS 477 AND 478, Central California Traction Unit No. 6. Sacramento Builders Supply Co vs H C Brown.....\$600.68

July 10, 1913—S 1/4 OF LOT 3, V, W, 9th and 10th Sts., Sacramento. M Hirsch and Philip Hirsch (M Hirsch & Son) vs L Kreuzberger.....\$174.08

July 17, 1913—LOTS 3 AND 4 BLK

"T" Townsite of Hood, J A La Grave vs J E Rudolph.....

Building Contracts

SAN JOAQUIN COUNTY.

LOTS 6, 8 AND 10 BLK 8 E of Center St., Stockton. Furnishing plumbing, sheet metal work, heating, oil burning plant, vacuum cleaning plant, etc. for four-story brick building.

Owner.....Citizens Investment Co.

Architect...Walter King, Elks' Bldg., Stockton.

Contractor...E. L. Gnekow, 647 E-Main St., Stockton.

Filed July 16, '13. Dated July 11, '13.

On 1st day of each month commencing on August 1st..... 75% Usual 35 days, 25%.....\$399025

TOTAL COST, \$15,961.00

Bond, \$8000. Sureties, Rudolph Gnekow and C. D. Gnekow. Limit, —. Forfeit, \$15 for each day work remains uncompleted after date. Plans and specifications filed.

REMODELING AND ADDITIONS ON above.

Contractor...A. J. McPhee, 5 California Apartments, Stockton.

Filed July 16, '13. Dated July 11, '13.

On 1st day of each month commencing August 1st..... 75% Usual 35 days, 25%.....\$484.00

TOTAL COST, \$33,935.54

Bond, \$17,000. Sureties, W. C. Ramsey and T. F. Emerson. Limit, 120 days. Forfeit, \$5 for each day work remains uncompleted. Plans and specifications filed.

EXCAVATE, CONCRETE, WORK AND brick work on above.

Contractor...A. W. Cowell, 1231 N. Sutter St., Stockton.

Filed July 16, '13. Dated July 11, '13.

On 1st day of each month commencing August 1st..... 75% Usual 35 days, 25%.....\$2050

TOTAL COST, \$2800

Bond, \$1100. Sureties, I. F. Stein and P. E. Goodell. Limit, none. Forfeit, none. Plans and specifications filed.

LOT 1 BLK 58 W, Stockton. Remodel frame building.

Owner.....W. C. Neumiller, 248 W. Acacia St., Stockton.

Architect...None.

Day's work. COST, \$600

MAIN AND HUNTER, Stockton. Remodel brick building.

Owner.....The Sterling Inc., Prem.

Architect...None.

Contractor...Daniels & Green, W-Park St., Stockton.

COST, \$2000

COR. AURORA TND MARKET, Stockton. Remodel building.

Owner.....L. R. Foss, 106 S-Aurora, Stockton.

Architect...None.

Day's work. COST, \$500

LOT 11 BLK 232 E, Stockton. Alter frame building.

Owner.....Mrs. S. Marshall.

Architect...None.

Day's work. COST, \$1200

LOT 7 BLK 2 E, Stockton. Remodel frame building.

Owner.....O. H. Hess, 522 E-Lindsay St., Stockton.

Architect...None.

Day's work. COST, \$450

NO. 126½ E-WASHINGTON, Stockton. Remodel brick building.
Owner.....M. Rossi, 1304 X-San Joaquin St., Stockton.
Architect...None.
Day's work. COST, \$700

LOT 3 BLK 71 S M C, Stockton. Remodel frame building.
Owner.....Joe Gilbean, 945 S-San Joaquin, Stockton.
Architect...None.
Day's work. COST, \$1200

LOT 14 BLK 119 S M C, Stockton. Erect frame dwelling.
Owner.....Jacob Fisher, \$19 E-Anderson, Stockton.
Architect...None.
Day's work. COST, \$2000

LOT 13 BLK 192 E, Stockton. Erect frame building.
Owner.....John Franhan.
Architect...None.
Day's work. COST, \$1600

LOT 8 BLK 71 W, Stockton. Remodel frame building.
Owner.....Thos. M. Stroup, 119 W-Magnolia, Stockton.
Architect...None.
Day's work. COST, \$450

MAIN AND COMMERCE, Stockton. Remodel brick building.
Owner.....Mrs. M. Rossi, 1304 N-San Joaquin, Stockton.
Architect...None.
Day's work. COST, \$4000

LOT 13 BLK 84 E, Stockton. Remodel frame building.
Owner.....A. C. Fassut.
Architect...None.
Day's work. COST, \$400

S ½ LOTS 1 AND 3, The Oaks, Stockton. One-story frame building.
Owner.....J. E. Ocele.
Architect...None.
Day's work. COST, \$2000

LOT 9 BLK 210 E, Stockton. One-story frame building.
Owner.....C. McFadden.
Architect...None.
Day's work. COST, \$1750

S ½ LOTS 1 AND 3 BLK 199 E, Stockton. Erect frame building.
Owner.....A. L. Garrow, 634 North Aurora St., Stockton.
Architect...None.
Day's work. COST, \$2500

WOODLAND RAILROAD REPORT.
According to a financial report of the Sacramento and Woodland Railway, controlled by the Northern Electric, for the first 11½ months of its incorporation, a splendid record has been made, the gross earnings being \$138,547.36.

The railroad company carries both freight and passengers. It is capitalized for \$1,000,000 and has outstanding \$750,000 in 5 per cent thirty year bonds.

Following is the annual statement which reflects the condition of the road:

Gross earnings	\$138,547.36
Operating expenses, inclusive of insurance and taxes.....	\$2,287.73
Net earnings	\$136,259.63
Interest on total bond issue.	\$5,637.50
Surplus	\$130,622.13

CANCELLATION OF BUILDING CONTRACT.

July 22, 1913—LOT 16 BLK "K" Berry Bangs Tract, Bkly. Owner, Wm J Bell with John Weitzel, contractor. Contract recorded June 23, 1913

RECIPE FOR GROWING OLD.

He'd kick the cat; he'd call the cop
To pinch the little boys,
"The pests! the brats! I'll put a stop
To all that devilish noise!"
He always panned his wife's new hat
He always knocked the grub
He'd kick at this, he'd scowl at that,
A crabid, grouchy dub.
The gods observed his yelps and sneers
And tacked a decade to his years.
Just be a grouch, a whiner, fretter,
For growing old there's nothing better!
—Morris Miller.

LOS ANGELES AND SOUTH CALIFORNIA.

HOTEL—4 story and base, brick and steel, \$50,000. Los Angeles, Cal. Architects, Neher & Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. The building will be erected on Hope street near 8th and has been designed to cover a lot 60x135 feet. Interior will be arranged for a lobby and offices on the first floor and in the neighborhood of 96 rooms and 60 baths on the upper floors. Interior finish will be of pine with some ornamental plaster. Bath rooms will have tile floors and wainscot. Plans provide for steam heat, elevator service, and a hot water plant. There will be metal window sash and frames. Interior partitions will be of metal lath and plaster. Exterior of the hotel will be faced with artificial stone. Plans are complete and figures are being taken.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, J. Domezz. The building will cover a ground area of 50x110 feet. There will be a total of 50 rooms, nearly all of which will have connecting baths. There will be steam heat, elevator service and a vacuum cleaning plant. Running hot and cold water will be supplied to all rooms. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, W. G. Kerckhoff. The building is to be erected at the northwest corner of 6th and Los Angeles streets and will cover an area of 50x150 feet. Construction will be fireproof throughout with a complete steel frame, brick walls, faced with pressed brick and terra cotta. Floors and roof will be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. There will be metal trim, metal window sash and frames. Interior finish will be of hardwoods, marble and tile. Plans provide for steam heat, mail chutes, a

vacuum cleaning system and elevator service. There will also be patent store fronts, sidewalk doors, lights and lifts. Plans are complete and figures are being taken.

OFFICE BUILDING—14 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Thornton Fitzhugh, Consolidated Realty Bldg., L. A. Owners, Building Owners Co. The building will be erected on the west side of 6th street between Hill and Olive streets, covering an area of 66x150 feet. There will be a number of stores on the first floor and a total of 325 offices on the upper floors. Construction will be fireproof with a complete steel frame, brick and concrete walls, concrete floors and roof slabs, hollow tile and metal lath and plaster interior partitions. Plans provide for a number of elevators, steam heat, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with pressed brick and terra cotta. Interior will be finished in hardwoods, marble and metal trim. Plans are complete and figures are being taken on the general construction. Contracts have already been awarded for the excavating, foundation work, structural steel and terra cotta.

BANK ADDITIONS—7 story and base, reinforced concrete, \$100,000. Pasadena, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Citizens' Saving Bank. This work has been mentioned here before. At present there is a one-story reinforced concrete building on the site and six stories will be added. First floor will be remodeled for banking rooms and upper floors will be subdivided into about 16 offices to the floor. Steam heat and elevators will be included in the work. Exterior will be faced with pressed brick and terra cotta. Plans are nearly ready for figures.

SCHOOL—1 story and base, brick and concrete, \$17,000. Banning, Riverside Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Banning School District. The building will cover an area of 60x100 feet and has been designed to contain four class rooms, assembly hall and study rooms. Interior will be finished in pine with some maple floors. There will be a plenum heating system. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Bids will be called for as soon as bonds can be sold. Not stated. The contract includes bank equipment.

CHURCH—1 story and base, brick and frame, \$18,000. Colton, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Jewel Methodist Congregation. The building has been designed in the Classic style and will cover an area of 70x10 feet. Interior finish will be of concrete and superstructure will be of frame faced with pressed brick veneer. Besides the main auditorium there will be Sunday school rooms, social hall and pastor's study. Plans are complete and figures are being taken.

FIREHOUSE—2 story and base, brick. Cost not stated. Glendale, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. This work has been mentioned here before when plans

were first started. The building will cover an area of 50x70 feet. First floor will be given over to apparatus room and upper floor will be arranged for sleeping rooms. Interior will be finished in pine throughout. There will be a central heating system and modern plumbing. Exterior of the building will be faced with tapestry brick. Bids are now being taken and will be opened on August 4th. Plans can be secured from the architects or from G. B. Woodberry, City Clerk.

FACTORY—2 and 3 story and base, brick and concrete. Cost not stated. Van Nuys, Los Angeles Co., Cal. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owners, Murray-Harris Organ Co. The building will cover an area of 200x300 feet. Foundations will be of concrete and walls of brick faced with stock brick or cement plaster. Plans will include pine trim and floors, metal window sash and frames, elevators and a central heating system. Plans are now being prepared.

HOSPITAL—3 story and part base, brick and steel, \$50,000. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, French Hospital Association. This building was mentioned here when preliminary sketches were made. Further details of construction are now available. The building will be 38x120 feet and will contain 28 private rooms, major and minor operating rooms, accident room and ten bath rooms. Interior finish will be of pine throughout. Bath rooms will be finished in tile. Here will be a complete steel frame, brick filler walls and glazed brick facing. Plans include elevator service, steam heat and a vacuum cleaning system. Working drawings are being prepared.

HOTEL—12 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. The building will be erected on Spring street south of 4th, covering an area of 60x155 feet. The first floor will contain one store, barber shop, large lobby, buffet, sample rooms and parlors. Upper floors will be arranged for a total of 275 rooms and 264 baths. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Interior finish will be of pine and hardwoods. There will be elevator service, steam heat, vacuum cleaning system and hot water plant. Exterior of the building will be faced with glazed brick and terra cotta. Metal window sash and frames will be used. Working drawings are nearly complete.

SCHOOLS—3, 2 story and base, brick and concrete, \$55,000 and \$30,000. Long Beach, Los Angeles Co., Cal. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Long Beach School District. One of the buildings will be a two-story brick structure, 71x76 feet, containing sixteen class rooms, assembly hall, studies and offices, and domestic science and study rooms. It will cost \$55,000. The other two buildings will be 65x165 feet, containing twelve rooms each, with auditorium and manual training rooms, and will each cost \$30,000. The buildings will be equipped with plenum heating systems. Bonds for the work have been voted. Bids

will be called for as soon as the bonds can be sold.

STORES AND LOFTS—2 story and base, brick and steel, \$25,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. S. H. Van Nuys. The building will cover an area of 50x150 feet. There will be stores on the first floor and light lofts above. Interior finish will be of pine throughout. There will be metal window sash and frames. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

HOTEL—4 story and base, brick and steel, \$55,000. Los Angeles, Cal. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owners, H. L. Squires and N. S. Meigs. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$55,000. Note: The building will contain 121 rooms. Plans are being prepared.

HOTEL—4 story and base, brick and steel, \$65,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, G. I. Jacoby. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$65,000.

STORES AND LOFTS—3 story and base, brick and steel, \$37,000. Los Angeles, Cal. Architect's name not given. Owner, M. H. Newmark. Contractors, Alta Planing Mill Co., 830 McGarry St., L. A. Contract price, \$37,000.

STORES—1 story and base, brick, \$31,000. Los Angeles, Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, David Hewes Contractors, Willard-Slater Co., 2314 Santa Fe Ave., L. A. Contract price, \$31,000.

BANK—1 story and base, reinforced concrete. Cost not stated. Fillmore, Ventura Co., Cal. Architect's name not given. Owners, Farmers' and Merchants' Bank of Fillmore, Contractors, Sweetser & Baldwin Co., 9 th and Los Angeles streets, L. A. Contract price

PORTLAND AND OREGON.

CHURCH—1 story and base, brick. Cost not stated. Tillamook, Ore. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Tillamook. The building will be designed with a high basement, which will be used for Sunday school rooms. Main floor will contain an auditorium seating 350 people. Interior finish will be of pine throughout. There will be a central heating system, probably warm air. Ornamental plaster and art glass are also specified. Exterior of the building will be faced with pressed brick and stone. Plans are complete and are now out for figures. Plans can be secured from the architects.

CHURCH—1 story and base, reinforced concrete, \$20,000. Marshfield, Ore. Architect, D. C. Lewis, Couch Bldg., Portland. Owners' name withheld. The Sunday school rooms, social hall and kitchen will occupy the basement floor. Main floor will be used for the auditorium and pastor's study. Interior finish will be of pine throughout. A central heating system will be installed. There will be art glass windows, ornamental plaster and some

marble work. Exterior of the church will be faced with cement plaster. Plans are now being prepared.

MAUSOLEUM—1 story, reinforced concrete and stone. Cost not stated. Eugene, Ore. Architects, Ellis F. Lawrence associated with William G. Halford, Chamber of Commerce Bldg., Portland. Owners, Portland Mausoleum Co., Spaulding Bldg., Portland. The building has been designed to contain six receptacles. Exterior will be faced with marble and cut stone. Interior finish will be of stone and ornamental bronze and iron. Heavy ornamental bronze and iron gates and window grilles will also be used. The work will include modern plumbing and electric work. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, brick, \$60,000. Portland, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owner, Gordon Voorhees. The dwelling will be erected in Waverly Heights and will cover a ground area of 40x100 feet. The dwelling will contain in the neighborhood of 20 rooms, several baths and sleeping porches. Interior finish will be largely of hardwoods although considerable selected Oregon pine will be used. Hardwood floors will be used throughout except in the bath rooms, which will have composition floors. Plans provide for steam heat, a vacuum cleaning system and open fire places. Bath rooms will be finished in tile. Mantels will be of brick and stone. A hot water plant will be installed. Plans call for a considerable amount of ornamental plaster and ornamental iron and bronze. Exterior of the dwelling will be faced with pressed brick and cement plaster. Plans are now out for figures. Bids will be opened on August 1st.

SCHOOL—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, City of Portland. The building has been designed for a modern High School and will cover a large ground area. Plans provide for sixteen class rooms, large assembly hall seating 350 people, domestic science and manual training departments, teachers' rooms, principal's office and library. Interior finish will be of pine with maple floors. There will be steam heat, a vacuum cleaning system, slate blackboards, program clocks and a bell system. Exterior of the building will be faced with pressed brick. Plans are complete and have received the approval of the Board of Education. Bids are now being taken and will be opened on August 9th. Plans can be secured from the architects.

Contracts Awarded.

COLLEGE BUILDINGS—2, 3 story and base, brick and steel, \$117,700. Portland, Ore. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owners, Oregon Agriculture College. Contractors, Snook & Travis, Salem. Contract price, \$117,700. Note: This contract does not include heating or electric work.

STORES AND HALL—4 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, Robert E. Tegen, Swedland Bldg., Portland. Owners, Paul Van Firdaugh and Mrs. Horrence Taylor. Contractors, Litherland-Abbey Co., Beck Bldg., Portland. Contract price not stated.

SEATTLE AND WASHINGTON.

HOSPITAL GROUP—4, 2 story and base, reinforced concrete, \$50,000. Sedro Woolley, Wash. Architects. Saunders & Lawton, Alaska Bldg., Seattle. Owners, State of Washington. The State Institution at Sedro Woolley, known as the Northern State Hospital will be improved with the construction of four new buildings. These buildings have been designed for wards, nurses' quarters and an administrative building. All will be supplied with steam heat from a central plant. Exteriors will be faced with cement plaster. Plans are complete and have been approved. Bids will be opened on August 9th by the State Board of Managers at Olympia. Plans and specifications can be secured from the architects.

FIRE HOUSE—2 story and base, brick and frame, \$12,000. Seattle, Wash. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. The building will be erected on the Hunter Boulevard, and has been designed for three pieces of apparatus on the first floor and sleeping rooms above. Interior will be finished in pine. There will be special plumbing and electric work. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and figures are being taken.

GARAGE—1 story and base, \$12,000. Seattle, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owner, O. W. Fisher. The building has been designed for a private garage and will be erected on property in the rear of the owner's new residence on Belmont avenue. There will be storage space for five machines and a completely equipped repair shop. Exterior of the garage will be faced with pressed brick. A cement floor and metal window sash and frames are specified. Plans are complete and figures are being taken.

LIBRARY—1 story and base, brick and concrete, \$10,000. Renton, Wash. Architect, H. H. Ginnold, Epler Block, Seattle. The building will be designed in the Classic style, and will cover an area of 45x90 feet. Interior finish will be of pine and hardwood. There will be a central heating system, probably furnace heat. Plans provide for a large reading room, librarian's office and stack room. Some ornamental iron will be specified. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

COLD STORAGE PLANT—5 story and base, reinforced concrete, \$110,000. Ketchikan, Wash. Architect's name not given. Owners, Northern Dock Co. Contractor, A. W. Quist, Hoge Bldg., Seattle. Contract price, \$110,000. Note: This contract does not include the machinery.

THEATRE—4 story and base, reinforced concrete and steel, \$200,000. Seattle, Wash. Architect, Warren Miller, Arcade Bldg., Seattle. Owner's name not given. Contractor, S. G. Cobbs, Arcade Bldg., Seattle. Contract price, \$200,000. Note: The building will cover an area of 60x125 feet.

EXPOSITION PROGRESS.

In his report to President Moore, Director of Works, Harris D. H. Connick, of the Panama-Pacific International

Exposition, states that twenty-two important contracts have been completed and that work on the remainder of the contracts is well under way.

Mr. Connick states that more than 270 head of stock are engaged in the work of grading the Exposition site and the contract for the construction of the freight slip and its approach is nearly completed.

"Progress on the construction of the Machinery Building," said Director Connick, "has been most satisfactory during the past thirty days. For the month of June, 2,150,000 feet of lumber was erected in place, and this was on an average of 70,000 feet per day.

"Frame work on the construction of the Palace of Education started on the tenth day of May and about 900,000 feet of lumber has been placed to date, making a daily average of 30,000. A large portion of the floor of the Education Palace has been laid and about 300,000 feet of lumber has been used in the floor work of the Palace of Agriculture. The three fire stations will soon be built, the work actually having been completed on one of them.

"The work of enlarging the sculpture models to full size is progressing successfully under the direction of A. Stirling Calder, Acting Chief of the Department of Sculpture. He is now employing a force of twenty sculptors, painters and helpers.

"Warehouse No. 2 is rapidly nearing completion. The plan covering the electrical installation in the various buildings is well under way, as are also the architectural plans for the various courts and buildings."

MUCH COKE MADE FROM WEST VIRGINIA COALS.

State Exports Millions of Tons of Coal for Coking in Other Regions—Coal Resources of State Suggests Great Manufacturing Possibilities.

The quality of coke made in West Virginia in 1912 was 2,465,986 short tons, valued at \$4,692,393, compared with 2,291,049 tons, valued at \$4,236,845, in 1911, according to E. W. Parker, of the United States Geological Survey. The increase in 1912 was 7.64 per cent in quantity and 10.75 per cent in value. In spite of this increase the production of coke in West Virginia in 1912 was smaller than that of any year from 1905 to 1910. The smaller production in the last two years is attributable simply to the larger production of coke from West Virginia coal at plants in other States. In 1912 the quantity of coal made into coke in West Virginia was 4,061,702 short tons. It is probable that the quantity of West Virginia coal made into coke in ovens outside of the State exceeded 5,000,000 short tons. In the cokemaking as in the coal mining industry West Virginia suffers from having relatively little home consumption for her products. Eighty per cent of the coal mined in the State and nearly all of the coke made is sent to consumers in other States.

Next to Pennsylvania, West Virginia possesses more wealth in supplies of coking and other high-grade coals than any other State in the Union, but as long as both the coal and the coke continue to be shipped out of the State West Virginia will not attain the position she should occupy as a manufac-

turing State, nor will the miners of coal and makers of coke receive a just return for these products. At the present time, ranking second as a producer of coal and third in the production of coke, West Virginia stands thirty-fourth in the value of her manufactured products. The principal beneficiaries of the coal-mining and coke making industries in the State are the transportation companies.

ELECTRIC POWER DEVELOPMENT IN THE SOUTH.

No portion of our country is making swifter or greater strides in developing powers of rivers and transforming that into the power of electricity than some states of the South. Tennessee, the Carolinas, Alabama, Georgia and others are rapidly justifying the most hopeful predictions of former years. The abundant waters emerging from unfailing springs of mountains and foothills are being harnessed, while yet swift in their dashing brightness, to furnish horse-power by the millions. While in the cities and other communities of the lower lands of several states the belching stacks tell of the consumption of the coals of the Virginias and other states in the production of steam for the turning of the wheels, there are already great plants, and others are being erected to produce from the rushing waters of numerous rivers the cleaner power of electricity to be used in great factories, at the dams and those at a distance, fed through the wires.

We read of the rapid advance of India in the multiplication of spindles to compete with Lancashire in production of cotton fabrics, and then to our own South, where numerous great factories already in operation at a dozen points tell of activities in the same line, and others are rapidly rising to join their voices in the harmonies of great industries.

One of the greatest enterprises in our country for developing electric power from water power, if, indeed, it is not to be the very greatest of all thus far, next to Niagara, has been commenced on the Yadkin river at Whitney, N. C. This historic river narrows at this point from 100 feet to sixty feet, where its deep torrent rushes through a gorge. Here it is to be harnessed for production of at least 150,000 horse-power. The cement alone for the dams and other features of this plant will cost over a million dollars, being one of the largest orders following those for the New York tunnels. The power-house will be about 600x100 feet. The greater portion of the power will run a vast aluminum plant, which will occupy eighteen acres in the immediate vicinity, to be financed and operated by a French company with a capital of \$10,000,000. There will be a surplus of power to drive shops at a distance.—Cincinnati Enquirer.

PENNSYLVANIA SMASHES COKE RECORD.

Output in 1912 Was Over 27,000,000 Tons; More Than of All Other States Combined.

Pennsylvania stands preeminent among the States in the production of coal and in the manufacturing of coke.



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SULPHUR PRODUCTION PASSES \$5,000,000 MARK.

Last's Years Output Shows Healthy Increase Over 1911--Rapid Development of Industry in the United States.

The production of sulphur in the United States in 1912 was 303,472 long tons, valued at \$5,252,422, compared with 265,664 long tons, valued at \$4,787,049, in 1911, according to W. C. Phalen, of the United States Geological Survey. The sulphur came from Louisiana, Nevada, and Wyoming, the production of Louisiana being the dominant factor in the domestic sulphur industry.

During the last 12 years the growth of the sulphur industry in the United States has been phenomenal, and the last 7 years has seen the dethronement of Sicily from the dominating position she so long held in the world's sulphur market. Within this period the United States has advanced from the position of an unimportant producer to that of one of the two leading sulphur producers of the world, owing entirely to the development of the sulphur deposits in Louisiana. In 1900 the sulphur production of the United States amounted to 3,147 tons; the imports during that year were 167,696 tons, of which 166,825 tons were classified as crude sulphur chiefly from Sicily. Thus the domestic production in 1900 amounted to not quite 2 per cent of the sulphur consumed. During 1912 the domestic production constituted more than 91 per cent of the consumption and the imports amounted to less than 9 per cent. Moreover, the imports of sulphur from Italy were only 8.7 per cent of the total importation, and Japan was the leading exporter of sulphur into the United States, 91 per cent of the foreign sulphur admitted having come from that country. It seems safe to predict that with the completion of the Panama Canal United States sulphur may practically displace foreign sulphur on the Pacific Coast.

An advance chapter on Sulphur for 1912, just issued by the Geological Survey, includes detailed descriptions of the sulphur industry in Louisiana as carried on by the Union Sulphur Co. and an outline of the extensions of the company in Europe. An account of the beginning of the operations of the Freeport Sulphur Co. at Freeport, near Bryan Heights, Brazoria County, Tex., is also included. This company began operations in November, 1912, when an initial run was made. The sulphur is to be obtained by a process similar to that employed in Louisiana-

that is, it will be melted underground and pumped to the surface by means of an air lift. In Nevada the sulphur comes from the town of Sulphur, in Humboldt County. The Wyoming product comes from the Thermopiles district. A new deposit in Wyoming is located in Park County, 12 miles south of the deposits in Sunlight Basin.

Besides tables of domestic production the report gives figures showing the imports of foreign sulphur and the exports of domestic sulphur.

A copy of the report may be obtained free on application to the Director of the Geological Survey, Washington, D. C.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.

of BUILDING AND INDUSTRIAL NEWS, published every Wednesday at San Francisco, required by the Act of August 24, 1912.

Name of Editor, Chalmers Munday, 560 Mission Street.

Managing Editor, L. A. Larsen, 560 Mission Street.

Business Manager, L. A. Larsen, 560 Mission Street.

Publisher, L. A. Larsen, 560 Mission Street.

Owner, L. A. Larsen, 560 Mission Street.

Known bondholders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities: None.

L. A. LARSEN, Owner.
Sworn to and subscribed before me this 21st day of March, 1913.

[SEAL]

MARTIN ARONSOHN,
Notary Public in and for the City and County of San Francisco, California.
My commission expires Sept. 20th, 1915.

NEW RAILROAD FOR MODOC COUNTY.

J. E. Sexton, who built the Quincy & Western Railroad, which connects Quincy, Plumas County, with the main line of the Western Pacific at Marston, is preparing to build another feeder for the Western Pacific, according to word that has been received here, from Reynard, Nevada, to Cedarville, Modoc County, California.

Sexton built the Quincy & Western Railroad and then accepted the position of General Manager of the Eureka & Palisade Railroad of Eastern Nevada.

The proposed line from Reynard to Cedarville will tap an undeveloped territory from an agricultural standpoint, save that it is rich in livestock. Lumbering is one of the principal industries. Sexton expects to build a narrow gauge line, but may change to a broad gauge.

PACIFIC GAS STOPS WORK.

AUBURN (Placer Co.), July 23.—The Pacific Gas and Electric Company

The quantity of coke produced in the State in 1912 was 27,372,018 short tons valued at \$56,054,478, against 21,923,935 tons, valued at \$43,053,367, in 1911, according to Edward W. Parker, of the United States Geological Survey. The increase in 1912, compared with 1911, was 5,448,083 short tons or 24.85 per cent, in quantity, and \$13,001,111, or 30.2 per cent, in value. The quantity of coke made in 1912 was the largest on record, exceeding the previous maximum of 26,513,214 tons in 1907 by 858,804 short tons, but falling behind the earlier year in value by \$11,583,546.

As a producer of coke Pennsylvania is relatively of greater importance than as a producer of coal, for whereas including the production of anthracite Pennsylvania contributes less than half of the entire output of coal in the United States, nearly two-thirds the total production of coke is made within that State. Pennsylvania has, however, not progressed as fast as some other States in the matter of conserving the by-products of coke making. All but a very small quantity of the State's coke is made in beehive ovens or in rectangular ovens in which the process is one of partial combustion, as in the beehive ovens, and without recovery of byproducts or utilization of the heat generated in the coking process.

CENTRAL STATES INCREASE METAL OUTPUT.

Figures for 1912 by United States Geological Survey Show Gain of \$15,000,000 Over 1911.

The value of the output of silver, copper, lead, and zinc, in the States of Arkansas, Kansas, Michigan, Missouri, Oklahoma, Wisconsin, and northern Illinois in 1912 was \$79,675,714, an increase of \$15,156,370 over the value for 1911 and \$23,349,111 over that for 1908. The total value of the production of these metals for the years 1908 to 1912, inclusive, was \$327,385,994, of which \$151,830,008 was for copper, \$98,188,656 for zinc, \$76,217,618 for lead, and \$1,150,512 for silver.

A full account of the production of these metals and their ores in the States named is discussed by districts in an Advance Chapter on "Precious and Semiprecious Metals in the Central States in 1912" by B. S. Butler and J. P. Dunlop, of the United States Geological Survey.

A copy of the complete report may be obtained free on application to the Director of the Geological Survey, Washington, D. C.

NEW MODEL LIFE BOATS.

That three of the latest style lifeboats recently authorized by the Treasury Department may be constructed here was the information forthcoming from the Chamber of Commerce yesterday in a telegram from Washington, which stated that Pacific Coast manufacturers are at liberty to submit bids for boats to be used on the Coast. Ten lifeboats in all are to be delivered, seven at New York, while the remaining three were originally designated for Astoria, Ore.

CIVIL SERVICE EXAMINATIONS.

The United States Civil Service Commission announces that the examinations listed below will be held in San Francisco at an early date:

Assistant preparator in paleontology, National Museum, Washington, D. C.; salary \$60 per month.

Mechanical engineer, office of public roads, Washington, D. C.; salary \$3000 per annum.

Chief, office of information, Department of Agriculture, Washington, D. C.; salary \$2500 per annum.

Laboratory aid in horticulture, Bureau of Plant Industry, Washington, D. C.; salary \$720 per annum.

Laboratory aid in physics, Bureau of Plant Industry, Washington, D. C.; salary \$600 to \$720 per annum.

S. P. TO BUILD TO BOISE.

President A. L. Mohler of the Union Pacific has been in conference with President Sproule of the Southern Pacific, the main objects of discussion being plans for the building of a line to Boise from a point on the Central Pacific line and service changes occasioned by the divorcement of the Southern and Union Pacific.

In its plans for building to Boise, the Union Pacific and Southern Pacific expect to beat the Western Pacific. The latter road has contemplated extending to Boise for some time, a definite plan for so doing having been evolved in the Winnemucca

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11292. Wireless telegraphy apparatus.—A report from an American consul in England states that a firm in his district desires particulars, including illustrations, prices, etc., from American manufacturers of wireless telegraphy apparatus. The firm is in touch with several ship and trawler owners who own at least 550 vessels.

No. 11293. Cement.—An American consul in Spain has forwarded the names of possible agents for American cement in his district. The consul reports that one firm manufacturing artificial Portland cement secured orders during the past year for over 220,000 barrels.

No. 11294. Electric works.—Sealed proposals will be received by the Chairman of Tenders Committee, Town Hall, Hackney, London, England, up to July 24 for the following: (1) Extra high-tension ring main conduits, comprising key fibre conduit laid in concrete, drawn pits, and covers; (2) substation plant comprising transforming and converting plant, together with the necessary starting and controlling apparatus and connections; (3) substation switch gear, etc., comprising extra high-tension and low-tension direct-current switchboards to operate in connection with the substation plant. Specifications and drawings may be obtained from the Borough Electrical Engineer, 306 Mare Street, Hackney, London, on deposit of \$25.25, which sum will be refunded to bona-fide tenderers.

No. 11298. Turbine.—Proposals will be received for supplying, delivering, and placing one 2,000-kilowatt high-pressure steam turbine, coupled direct to one extra high-tension alternating-current generator, together with barometric condenser, pumps, etc., for the Oldham (England) corporation Electricity Committee. Copies of specifications, etc., can be obtained from Mr. S. Wilbitt (Newington, Greenhill Electricity Offices, Oldham, England, on payment of \$10.22, which will be returned on receipt of a bona-fide tender.

No. 11299. Lumber export.—An American consul on special service in India reports that a official of one of the native States in that country requests it made known through the Daily Consular and Trade Reports that the State Government would like to obtain the services of a commercial expert in the lumber industry. The State owns magnificent forests which, if put under good management and with modern sawmilling machinery introduced, would be a valuable asset to the State.

No. 11306. Construction or railways, factories, hospitals, etc.—The consul general at Rio de Janeiro has transmitted a copy of the measure to be adopted to protect the rubber industry of Brazil. These include in part the erection of an experimental station, a factory for refining or purifying raw rubber, a factory for the manufacture of rubber, an immigrant's hotel, hospital, a coal and oil depot, and the construction of railways. The detailed report may be consulted at the Bureau of Foreign and Domestic Commerce.

No. 11303. Breakwater and seawall.—The American consul general at Rio de Janeiro reports that the time for submitting tenders for the construction of a breakwater and seawall (see Trade Opportunity No. 10983, May 21) has been extended to July 25.

No. 11304. Carriage parts.—A responsible importer in a Mediterranean city requested an American consul to place him in touch with American exporters of carriage axles, steel hubs, springs, and carriage furniture. Prices should be quoted c. i. f. a Mediterranean port. Correspondence in English. The consul reports a growing demand for parts used in the construction of two-wheeled vehicles.

No. 11305. Railway construction.—The Public Works Department, Madrid, Spain, invites tenders for the construction of a railway between Bocalones and Malaga at an estimated cost of \$16,000. Tenders will be received through local agents only.

has laid off practically all its employees on the ditch and reservoir construction work between here and Lake Spaulding.

It is estimated that 1000 men are affected by the order from the main office in San Francisco.

A small force, it is said, will be employed at the big dam at Lake Spaulding for the present. Caretakers will be employed at all the camps along the construction line during the tie-up. It is not known how long the shutdown will last. It will at least be for sixty days or longer.

The cause for the shutdown appears to be difficult in disposing of bonds to raise money to carry on the work. It is, however, only a matter of time when the company will be able to finance the project and resume work.

ALABAMA INCREASED COKE OUTPUT.

Amount manufactured in 1912 Valued at Eight Million Dollars.

Alabama's output of coke in 1912 amounted to 2,975,489 short tons, valued at \$8,098,412, against 2,761,521 short tons, valued at \$7,593,594, in 1911, according to E. W. Parker, of the United States Geological Survey. The increase in 1912 was 213,968 tons, and \$504,818 in value. Alabama retained in 1912 second place in the rank of coke producing States, having superseded West Virginia in 1911. The average price per ton for Alabama coke has declined from \$2.82 in 1910 to \$2.75 in 1911 and \$2.72 in 1912. This does not necessarily indicate an actual decline in the price of coke. A large proportion, possibly over 90 per cent, of Alabama's coke is consumed in furnaces which are owned by the same interests owning and operating the coal mines and coke ovens, and the placing of a value on the coke is largely a matter of accounting. The value per ton of the coke produced in 1912 was lower in spite of the fact that the value of the coal used advanced from \$1.28 in 1911 to \$1.35 in 1912.

That Alabama has developed her coking industry along the lines of modern practice is evident by the fact that in each of the last three years the only new ovens under construction on December 31 were retort ovens, none of the wasteful beehive type having been installed. Moreover, during 1912 there were 191 beehive ovens abandoned. The number of retort ovens, on the other hand, increased from 340 in 1911 to 620 in 1912, and there were 100 additional retort ovens under construction at the end of the year.

RENT FOR CANAL.

WASHINGTON, July 26.—The first payment of \$250,000 to Panama for the annual rental of the canal zone was made yesterday. The payments are in addition to \$10,000,000 paid in cash to Panama nine years ago.

Yesterday's installment was actually due last February; though it was deferred until yesterday for determination whether it should go to Panama or the parent state, Colombia.

At the request of the Panamanian Minister, Senor Morales, the money was paid over to a representative of William Nelson Cromwell of New York, financial agent for the Panama Government.

Frank Neidick

Carpenter and Builder

Phone Mission 5126



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San Francisco

As a carpenter and builder, Mr. Neidick has had twenty-two years of experience, during which time he has mastered the business in all its details and has established an excellent reputation for the high character of his work. This statement is proven by the fact that he has built fifty-six flats for one man all of which were erected in the most satisfactory manner. Not only is the work of Mr. Neidick of the highest standard, but his business relations with the public are characterized by the strictest integrity. Mr. Neidick has brought to a successful issue many contracts throughout this city, which stand as a testifying demonstration for his knowledge and ability in his line of business. He is also a prominent stockholder of the General Contractors' Association.

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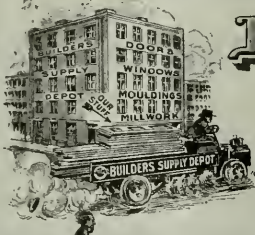
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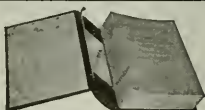
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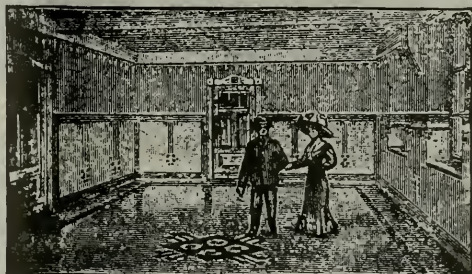
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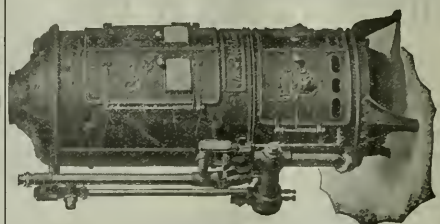
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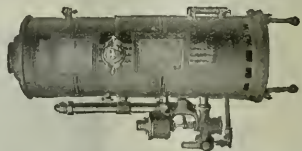
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Thirteenth Year, No. 31.

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WEDNESDAY, AUGUST 6, 1913.

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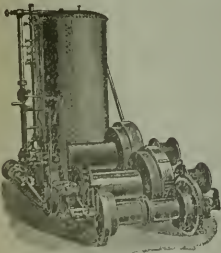
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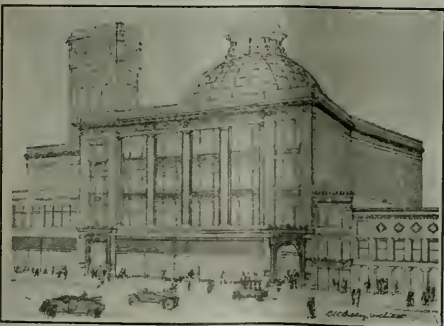
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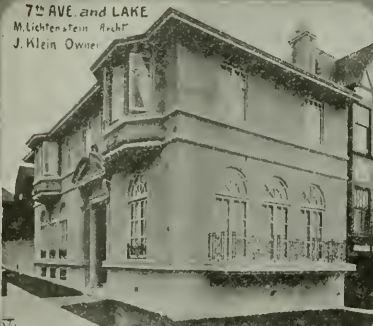
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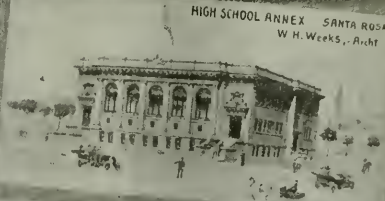
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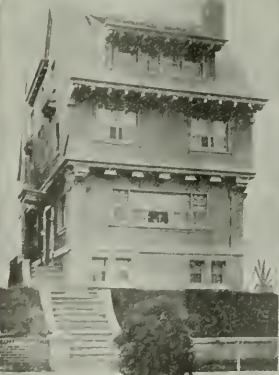
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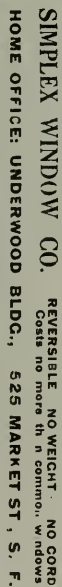
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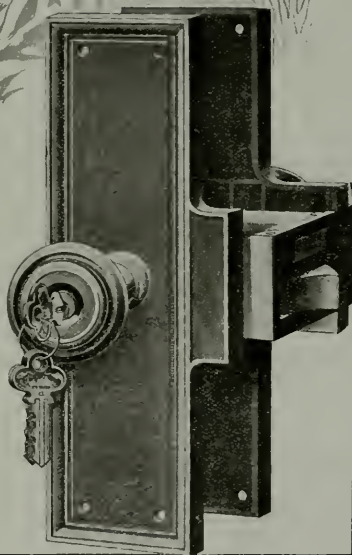
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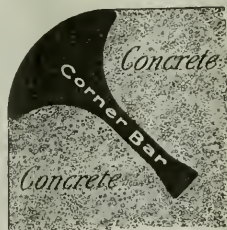
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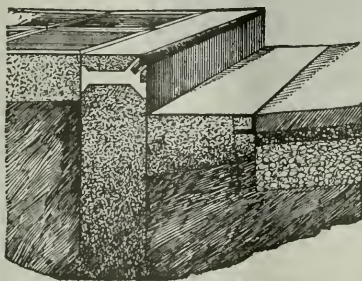
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Thirteenth Year No. 31

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Editorial Comment.

Building construction for the month of July showed a commendable activity in San Francisco. Permits were issued and contracts filed to the extent of \$2,055,210 for private construction and contracts were let on the Panama-Pacific enterprise to the extent of \$1,689,815 making in all \$3,745,025 exclusive of city and government work. This as against \$2,134,237 for the month of June and \$2,677,088 for the month of May including the same items. Of the \$2,055,210 for private construction \$1,255,713 was for brick and concrete construction; \$661,026 for frame buildings, and \$137,453 came under the head of alterations and additions. These figures show that in spite of the depression of business generally there is a considerable activity in the building line such as to indicate that there is faith in the future of the city.

Compared with other years the record for July is as follows:

July, 1904	1,763,939
July, 1905	2,087,965
July, 1906	1,959,290
July, 1907	4,687,516
July, 1908	2,921,152
July, 1909	3,144,482
July, 1910	1,596,613
July, 1911	2,126,720
July, 1912	2,217,215
July, 1913	3,745,025

While \$1,689,815 of last month's figures were for the work of the Panama Pacific Exposition still the total of private construction run upwards of two millions. This is a good figure considering that it was vacation period generally and business is dull. From present appearances things ought to look up the last half of the year and assume a more buoyant tone.

The Chronicle prints a full page headline to the effect that the Chamber of Commerce declares against the folly of municipal road bonds. Among other things it states that the Directors of the Exposition say that the municipal roads will be useless for the exposition.

If this statement is made with authority it is none the less wholly and absolutely untrue. For if the Union Street line is owned by the municipality and a line is built on Van Ness avenue, how can it help but benefit the Exposition? Surely the Chronicle must think that all the voters of San Francisco belong to the muttonhead club. For if a municipal railroad can furnish transportation to crowds of people it certainly will be a benefit to the exposition whether it runs directly to the exposition grounds or not.

This use of the Chamber of Commerce and of the names of the Exposi-

tion Directors by the organs of special privilege is doing any thing but increasing popular estimation of the members. If the Exposition is to be made a political grab bag wherein the largest contributor seeks to use the names of the Directors for his own purposes, the people are liable to lose faith in the Exposition.

When the United Railroads were asked to furnish adequate transportation to the Exposition grounds they would take no action unless the Board of Supervisors virtually gave up the streets to them. Now that the City is about to take some independent action there is a great cry that it will do no good.

The Examiner for once has come out editorially and hits straight from the shoulder in the matter of the municipal bond issue. The consummate gall and invincible arrogance of the Chamber of Commerce in resolving that the city does not need car lines and that they will be of no benefit to the exposition, if built, is the theme of an editorial in Saturday's issue which treats the subject without gloves. The Chamber of Commerce has it that a bus line is to be established on Van Ness Avenue without cost to the city and on that theory the people are asked to vote against burdening the city with any more bond issues. And presumably the members of the Chamber of Commerce would profit by the bus line.

It has always been a matter of comment that the business men of San Francisco did not stick together or boost for the city. It has frequently been a matter of contrast that the business men of Los Angeles and of Seattle work for their home town, while here if each one does not see that he is going to get the best of it he refuses to work. So in the present case. Instead of boosting for the city the Chamber of Commerce allies itself on the side of special privilege so that what little influence they might have on public opinion is entirely nullified.

Changes in the parcels post regulations are to go into effect August 15th next, whereby the limit of weight will be raised to twenty pounds for the first and second zones. This ought to add materially to the business. Further there is to be a reduction in rates also in the first and second zone.

The special parcels post stamps should be abolished. In time no doubt the zone system will be abolished and a flat rate adopted. As it is small parcels can be sent much more cheaply than ever before. And with the increase of its scope there will be a gradual freedom from the domination of the express companies.

Cracks In Concrete - Causes And Corrections.

The following inquiry letter was issued to all members of the Concrete Institute at the end of June, 1909:

Dear Sir,—The Concrete Institute are impressed with the fact that much has yet to be learned on the subject of expansion and contraction of concrete, and that definite information on this subject will be of great value to their members and to all who use this material. The Reinforced Concrete Practice Standing Committee are investigating this matter, and you are asked to be so good as to assist them by giving answers to the following questions, and any further information which you may be kind enough to offer will be of great help:

1. Have you had experience with cracks in concrete?
2. What was the nature of the structure?
3. How old was it when the cracks occurred or when you first observed them?
4. How far apart were the cracks and what size?
5. To what do you ascribe the cracks?

- (a) Sarlokage from setting in air;
- (b) Variation in temperature;
- (c) Difference of temperature on different parts of the structure; or
- (d) Any other cause, and if so, what?
6. What precautions do you advise to prevent such cracks?

An answer as soon as possible would be greatly appreciated.

I am yours very truly,

(Signed) ARTHUR E. COLLINS,
Honorable Secretary.

Fifty-four replies have been received and have been considered. As they record experience which must be kept confidential, and cannot well be summarized in general terms, particular features needing description in order to enable useful conclusions to be drawn, the committee has not followed the usual course of printing the evidence, but presents the following review of the subject and recommendations for the prevention or diminution of the cracking of concrete.

The cracking of concrete is unsightly, but is not necessarily dangerous. Cracks in concrete may be divided into two classes:

1. Surface cracking.
2. Body cracking.

In the first category the cracks are often referred to as "hair" cracks by reason of their fineness and semblance to hair, and occur both in plain and reinforced concrete. They are also known as "crazing" and are of very frequent occurrence. They appear to arise from the surface skin of cement mortar, being rather in cement than the mortar of the body concrete, thus exposing almost a new cement skin, which expands at a different rate on exposure to the sun's rays than the body concrete. It is worse upon the uppermost face in a mould, where the lighter and weaker particles of cement work up to the top and form a skin known as "laitance." If work

be kept under water, and sometimes if shielded from the sun, this crazing may not occur. To overcome its unsightliness the surface skin should be removed either (1) by brushing the concrete when green with wire brushes; (2) by rubbing by means of a stone or piece of concrete and sand and water; (3) by dressing with hand or pneumatic operated chisels and hammers; (4) by brushing the surface with hydrochloric acid and subsequently washing with clean water. The last two named methods are best with completely hardened concrete.

The cracks extending through the body of concrete may be ascribed to the following:

1. Faulty design in construction so far as statical resistance is concerned.
2. Expansion of cement or concrete.
3. Corrosion of embedded steel.
4. Shrinkage from setting and hardening in air.
5. Difference of temperature in different parts.

Under the first head the following causes have been noted:

- (a) Settlement of the foundations.
- (b) Too high a stress in the reinforcement, resulting in excessive deformation.

(d) Too early removal of forms. The age of the concrete when the forms are removed must be sufficient to give the usual factor of safety due to the stresses caused by dead load and such accidental load as may at that time be anticipated. Generally the following recommendations are made, subject to the approval of the engineer or architect responsible for the works.

For mass concrete walls not subject to thrust, and where the height does not exceed 2 feet, the forms should not be removed under 21 hours. Where the wall is subject to pressure, form should remain in place at least a week, although a fortnight is preferable. For mass concrete arches of more than 20 feet span, one month is recommended.

For reinforced concrete the following is recommended:

Slabs, a minimum of seven days, but otherwise, for slabs carrying only their own weight, an allowance of two days per inch of thickness, or one day per foot of span, whichever is the greater. For sides of beams, walls, and columns not under side thrust a minimum of four days; bottoms of beams, a minimum of two weeks, though a month to six weeks may be necessary under special circumstances for arches the time of removal of the centering is better left to the judgment of the engineer, keeping in view the ratio of rise to span and special circumstances.

If it is intended that the structure should be used for carrying heavy weights, emergency props should be left in for such time as the engineer or architect may direct.

The foregoing periods to be increased by at least the time during which frost or rain has intervened.

(c) Defective design of forms with inadequate allowance for contraction and expansion due to variation of moisture. Dry timber may expand and crack the concrete unless wetted beforehand.

(f) Careless removal of forms, which may result in cracking the concrete by shock of falling timber, or by levering and prising on the green concrete.

(g) Vibration, resulting in deficient adhesion and excessive deflection. Forms should be very rigid.

(h) Inefficient allowance for continuity, fixity, and general monolithic nature of concrete work done "in situ." Over supports the maximum degree of continuity and fixity should be provided for. Frequently cracks will be found over supports of continuous reinforced concrete beams and floor slabs, owing to the omission or insufficiency of steel there. Concrete floors are often built in chases in walls and carried over walls, others standing above, and sufficient fixity is given to cause cracks, if provision has not been made in the reinforcing. Columns and piers when built monolithic with beams will give more or less fixity to end of beams resting thereon, both at end and intermediate supports.

(i) Too close spacing of steel, so that there is no room for the concrete to get round and adhere or bond with the bars.

Expansion of Cement or Concrete.

Under this heading the following causes of cracking are noted:

(a) Overlaid and coarsely ground cements which frequently met with years ago caused expansion, to overcome which it was necessary to leave room for expansion: i.e., expansion joints. Especially was this precaution adopted around the edges of floor slabs adjoining walls.

(b) Coarse materials containing sulphur compounds, unburnt fuel, oxidisable or hydratable iron compounds, unslacked lime, and other deleterious substances. Brexze, clinker and slag frequently contain sulphur and metallic iron or oxide of iron, while boiler ashes may contain both sulphur and unslacked lime (the latter derived from limestone in the coal). Some bricks contain sulphides and sulphates and lime, and should not be used broken for concrete. Old bricks also sometimes have old plaster adhering to them; the sulphate of lime may cause no trouble in plain concrete while it is kept dry, but in the presence of water reacts chemically with the aluminates of the Portland cement forming sulpho-aluminate of lime which is attended by increase of volume, and may cause blowing if in large quantity, and even a small quantity may result in cracking. Free lime in the same way will swell or contract with water. Black magnetite oxide of iron will become converted into hydroxide of iron in the presence of moisture. Indeed, any iron compounds are dangerous in reinforced concrete as likely to react electrolytically with

the steel in the presence of moist air or dampness, and sulphur causes speedy corrosion.

Corrosion of Embedded Steel.

Should the steel in reinforced concrete corrode, by reason of porosity of the concrete or the presence of deleterious substances in the coarse materials of which it is made, or by electrolytic action, the concrete cover to the bars will crack and burst off.

Shrinkage from setting and hardening in air is probably the most frequent cause of cracking.

Concrete will expand slightly in water and contract on drying out, so that cracking is frequently not evidenced from this cause until the concrete is allowed to dry, varying usually up to two months, and in thick mass walls moisture and heat are retained for a long period and may delay cracking up to six months and even longer. It is usual to keep concrete wet for several days after manufacture in order to ensure it gaining maximum hardness, and it is specially important to prevent rapid drying by sun and wind, so that the surface of concrete should be shielded against such exposure. A dry mixture of concrete shrinks less than a wet mixture, and concretes richer in cement contract more than lean mixture. For reinforced concrete work medium wet mixtures are desirable, and therefore concrete richer in cement than 1 to 5 is not advisable for curtain walls. The coefficient of contraction of concrete on exposure to air appears to be about 0.0002 to 0.0005 at one month, and increases to about 0.0004 to 0.0006 at 1½ years. The variation recorded is between poor and rich concretes. Such contraction is usually prevented from taking place uniformly throughout, in retaining walls and pavings it is prevented by friction of the soil, in other cases by the holding of other parts. Plain concrete will usually hold together for some distance, so that contraction joints need only be inserted at intervals; the following are advised as suitable distances apart of such joints in plain concrete:

Paving, 4 to 5 feet.

Curtain walls, 10 feet.

Exposed retaining walls, 15 to 20 feet.

Basement retaining walls (not exposed) and dock walls and dams, 50 feet.

If curtain walls adjoin heavy columns and beams, the rigidity of the latter would probably result in cracking if constructed monolithically, even if reinforced. It is best, therefore, in such cases to provide joints adjoining beams and columns.

If concrete be laid over the joints of a thicker lower surface of concrete, the joints of the latter will most probably be evidenced in the upper surface.

Large surfaces have been successfully constructed without apparent cracks by properly reinforcing the concrete and laying all at one operation. The object of the reinforcement is to break down the tensile resistance of the concrete and cause it to crack uniformly at such close distances as to render the cracks invisible to the eye. If one portion of the concrete be left overnight, great care should be taken to roughen the hardened surface by tooling away, then clean by

brushing with water, and apply half an inch of mortar of the same proportion as the mortar in the concrete and ram the fresh concrete well against it. Such joints will often show, even though well reinforced. In calculating the amount of reinforcement for such purpose, the ultimate tensile strength of the concrete at one month should be equated to the resistance of the steel at the yield point. Usually for a 1:2:4 concrete ½ per cent of steel is required each way, the bars or meshwork being laid at right angles. The reinforcement should be in small sections and well disseminated through the thickness of concrete, and a layer of bars should be near each face. So-called "distribution bars" near the bottom of floor slabs are not sufficient if cracking is to be resisted; rods should also be placed near the upper surface. Cracks frequently occur parallel to rods where "distribution bars" are not used, and also occur at right angles to main bars where continuity bars reinforcement should be in addition to the section of steel required to resist static forces.

The sudden drying out when heating apparatus is installed frequently causes excessive cracking.

Difference of Temperature.

Considerable difference of temperature will cause cracking and should be avoided as much as possible. Heavy reinforcement is not always an effectual preventative. Most reinforced concrete chimneys in which the internal temperature is over 500 deg. F. seem to be cracked vertically, externally, and often horizontally as well, though possibly the latter could be avoided. This cracking is probably due to the difference in temperature between the outside and the inside, which may be considerable with a cold wind blowing. A continuous lining with cavity between it and the outer shell would probably prevent serious cracking.

The Present Railroad Commission.

Why the Public Corporations Are Fighting It. History of The Case.

Public service corporations are making a concerted attack on the Railroad Commission, and the State's authority to enforce the kind of regulation that regulates is now an issue before the courts. The public utilities act has proved strong enough to resist all assaults in the past, and the Commissioners are confident that it will withstand the present onslaught.

One of the most interesting moves in the attack is the contention that the corporations should be permitted to avail themselves of appeals, by means of injunction, to the Superior Court, although the utilities act specifically provides that appeals may be made only to the Supreme Court direct on a writ of review. Resort to the Superior Court would mean an open way for carrying appeals first to the Appellate and then to the Supreme court. Inasmuch as it requires an average of six years for a case to get through these three courts, it is evident that the advantages of dragging litigation are

being sought by the companies.

There is too much expedition to suit the corporations in the proceedings of the Railroad Commission. It disposes of cases in as many weeks as it takes years for the courts.

Joined in the present attack on the Commission are the telephone, gas and electric, water, railroad and steamship companies. Behind the active leaders are massed as secret allies a score or more of big utilities.

Three appeals from rulings of the commission are now pending before the Supreme Court of the State. Their titles are Pacific Telephone and Telegraph Company vs. Railroad Commission, Palmer vs. Railroad Commission and Del Mar Water, Light and Power Company vs. Railroad Commission. Most important of these, in the opinion of the commission, are the actions brought by the telephone company and the Del Mar Company.

The Pacific Telephone and Telegraph Company's appeal was taken from the commission's order compelling the company to make physical connections with the lines of the independent telephone companies of Glenn and Tehama counties, for the transmission of long-distance messages.

This order was a solar plexus blow to the larger company, as it established a precedent for independent companies all over the country to follow in demanding the right to use the wires of the 'phone trust for their long-distance business. It took away from the 'phone trust its most effective weapon for crushing the independent competitors.

No time was lost in making the appeal. The telephone company pleaded that the commissioner's order was equivalent to taking its property without due process of law, that it was an eminent domain proceeding in which the company was entitled to a jury trial. After the case had been argued before the Supreme Court and briefs submitted by both sides, the Pacific Gas and Electric Company unexpectedly interjected itself into the case in the role of "amicus curiae," "friend of the court."

The gas company demonstrated the nature of its friendliness by attacking the constitutionality of the entire procedure under the Public Utilities Act, which provides that all appeals from decisions of the Railroad Commission must be taken direct to the Supreme Court on a writ of review, instead of permitting them to be dragged through the lower courts.

The "Court's friend," however, contended that instead of going to the Supreme Court on a writ of review the proper remedy for protestants against Railroad Commission decisions would be injunction proceedings in the Superior Court, with a trial de novo and subsequent appeals to the District Court of Appeals and finally to the Supreme Court.

The only apparent object of this intervention by the Pacific Gas and Electric Company was a desire to delay the ultimate determination of disputed rulings—the very thing that the Public Utilities Act takes great pains to prevent. Inasmuch as the writ of review principle has been upheld by the courts of other states, the commission has little anxiety about the outcome of this attack.

The appeal of Palmer was taken upon the commission's refusal to compel the Southern California Mountain Water Company to deliver water for irrigation purposes to himself and other farmers in the Otay valley. The commission's refusal was based upon its finding that all the water available in the company's system was needed for the domestic uses of the city of San Diego.

Palmer and his associates claim vested rights to the water because the original notices of appropriation, in specifying the territory in which it was to be used, included their property. This case was submitted to the Supreme Court July 7 and is now ready for decision.

In the Del Mar Water, Light and Power Company's case the commission ordered the company to supply water to a tract next Del Mar, in San Diego county, and to extend its water mains for this service. This was a principle against which water companies all over the country had been fighting successfully for years. The water company contended that all of its available supply was needed to serve the tracts of land which the owners had put on the market, and objected to supplying the rival tract. The commission held, however, that the company had more water than it needed for its own land and ordered the supply extended.

First in importance among the appeals which are expected in the near future will be that of the Glendale Consolidated Water Company. In passing upon a complaint brought by the company, the commission laid down the general principle that it is the duty of water companies to install service connections to the property line and to install meters free, but the expense of these installations shall not be taken into consideration in fixing water rates.

Consumers and rate-payers are more vitally interested in the outcome of this case than of any other, because it directly affects their pocket-books. For years one of the pet sources of income of the water companies has been the charges they exact for making service connections. The city of Los Angeles applies this principle of revenue today in the operation of its municipal system. As the Glendale Consolidated Water Company has applied for and has been denied a rehearing by the commission, notice of appeal is expected at any time.

The other appeal which is believed to be imminent is from the Wilmington Transportation Company. This was the company involved in the celebrated "ocean rates" decision, in which the commission assumed jurisdiction over rates charged between San Pedro and Catalina Island, both in the State of California, although the vessels pass over twenty-one miles of high seas in transit.

The transportation company, it is understood, will deny the jurisdiction of the commission on the ground that, although its vessels ply between California ports, its business constitutes "commerce with foreign nations," because it passes over the high seas, and that it is therefore subject to the control of the Federal Government. It will also cite a decision rendered by Justice Elie in the San Francisco District Court in 1883, enjoining the Rail-

road Commission of that period from exercising jurisdiction over the rates of the Pacific Coast Steamship Company. That decision was based upon the dictum of the United States Supreme Court in the case of Lord vs. Steamship Company, which was later looked upon askance by Chief Justice Fuller.

In reply the commission will contend that this company's business is not commerce with foreign nations, and that even if it were the Federal Government has failed to exercise any control, and the State has authority to act until it does. The Wilmington Transportation Company, like the Glendale Water Company, has been denied a rehearing by the commission.

The latest endeavor to block the commission's authority has been made in the Federal Courts by the Southern Pacific, which is seeking to restrain it

from assuming jurisdiction over a proposed issue of trust certificates. The Southern Pacific announced that this was a friendly suit, but since its experience with the Pacific Gas and Electric Company in the role of "friend of the court," the commission is suspicious of all protestations of friendliness, and is preparing to put up a decidedly hostile opposition.

The only two court actions against the present commission which have already been decided failed dismally. One was the appeal of the Southern Pacific from the San Pedro rate schedule, in which United States Judge Van Fleet upheld the commission on every point, and the other the suit of the Palo Alto Gas Company to enjoin the commission from fixing gas rates, which was likewise decided in favor of the commission in the Superior Court of Santa Clara county.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$200,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Schmidl Estate. The building, which is the second large apartment house structure to be erected by the Schmidl Estate in this city recently, will occupy the southeast corner of Post and Leavenworth streets, covering an area of $137\frac{1}{2} \times 123\frac{1}{2}$ feet. Interior will be divided into sixty apartments arranged in large suites. Pine, hardwood, marble, tile and ornamental plaster will be used in interior finish. Plans provide for steam heat, passenger and freight elevators, vacuum cleaning system and hot water supply. All suites will have private bath rooms and will be equipped with wall beds. Bath rooms will be finished in tile and cement plaster. Considerable ornamental iron will be used. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are practically finished and construction will shortly be started. Building Superintendent Rolph, of Mr. Meyer's office, will be in charge of the work. It is probable that all parts of the work will be segregated.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$10,000. Architect, Edward E. Foulkes, Crocker Bldg., S. F. Owner, Mrs. A. Rudger. This building will be erected on the south side of Bush street east of Stockton, and will cover an area of $31\frac{1}{2} \times 126$ feet. There will be in the neighborhood of 27 suites arranged in apartments of two and three rooms. Interior finish will be of pine with some hardwood veneer and hardwood floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. Besides the suites the building will contain a large social hall and lobby. All suites will have wall beds and private bath rooms. Exterior will be faced with pressed brick. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$10,000. Architect, none. Owner, Thomas F. Barry, 2641 20th St., S. F. The building will be erected on Green street west of Larkin, and will cover an area of 25×77 feet. Interior has been arranged for six suites of four rooms and bath each, interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms and reception halls. There will be steam heat and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Apartment house, 2 story and base, brick, \$18,000. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, C. W. Musick. The building has been mentioned in these columns before when the architects first started working drawings. The building will be erected on J street, and has been designed with stores on the first floor and a number of apartments on the second floor. Interior finish will be of pine. All suites will have connecting baths and will be equipped with wall beds. Hot water will be supplied to all rooms. Stores will have large display windows in patent store fronts. Exterior of the building will be faced with glazed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architect, E. J. Borgmeyer, Hilberian Bldg., L. A. Owner, M. S. Kornblum. The building will be erected on Benton Boulevard near 7th street, and has been designed to contain 27 suites which will be arranged in apartments of two and three rooms and bath. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. The will be used in the bath rooms. Exterior of the building will be faced with glazed pressed

brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$43,000. Architects, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Owner, Charles H. Louis. Contractors, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Contract price, \$43,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$43,000. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, W. R. Neelands. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$43,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$43,500. Architect, Elmore P. Jeffery, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. Contractors, May & Grimwood, Union Oil Bldg., L. A., general construction. Contract price, \$43,500. Note: This contract does not include elevator work or light fixtures.

BANKS.

FOREST GROVE, ORE.—Bank, 3 story and base, brick and stone. Cost not stated. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, First National Bank of Forest Grove. The structure will cover a ground area of 50x62 feet. Entire ground floor will be occupied by the bank and upper floors will be subdivided into modern offices. Banking rooms will be finished in hardwood, marble, tile and ornamental plaster. There will be coin and safe deposit vaults. Interior finish of the offices will be of pine. There will be steam heat and elevator service. Exterior of the building will be faced with cut stone from a local quarry. Plans are complete and figures are being taken.

CHURCHES.

Contracts Awarded.

SALEM, ORE.—Mausoleum, 1 story, reinforced concrete and stone, \$35,000. Architects, Ellis G. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Portland Mausoleum Co., Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$35,000.

COURT HOUSES.

SAN FRANCISCO—City Hall, 4 story and dome. Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids are now being called for by the Board of Public Works for erecting the structural steel and iron for the new City Hall. Bids will be opened on Wednesday, August 6th. A complete list of these bids will appear in the next issue of the Building and Industrial News.

SAN FRANCISCO—City Hall, 4 story, base and dome. Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Plans and specifications for the granite work on the new City Hall have been completed and approved. Bids are now being called for by the Board of

Public Works and will be opened on August 27th. A bond in the sum of \$300,000 is required, which indicates that the work is estimated to cost in the neighborhood of \$1,200,000. Plans and full instructions for bidders can be secured from the Board of Public Works. An official proposal appears in another column of this issue.

SAN FRANCISCO — Subtreasury vaults, etc. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are now being called for on the construction, including mechanical equipment, interior lighting fixtures and electric protection for two money vaults which are to be installed in the San Francisco Subtreasury. These vaults will cover 3,500 square feet of floor area. Plans and specifications can be secured from the superintendent of construction in this city or from the Supervising Architect at Washington, D. C. Bids will be opened in Washington on September 2nd. An official proposal appears in this issue.

SAN FRANCISCO — Subtreasury vault entrance, etc. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened in Washington, D. C., on September 2nd for construction, complete, of two vault entrances for the money vaults which are to be installed in the United States Subtreasury at San Francisco. Plans are specifications can be secured from the Supervising Architect at Washington or from the Superintendent of Construction in this city. An official proposal appears in another column of this issue.

HANFORD, KINGS CO., CAL.—Court house, 2 story and base, brick and concrete, \$30,000. Architects, J. Carl Thayer associated with Henry Doriot, Forsythe Bldg., Fresno. Owners, Kings County. Plans for the building have been completed and approved by the County Supervisors. No details of the construction have been received in this city and other than the fact that the building will cover an area of 50x125 feet nothing can be said. Plans are now out for figures. Plans and specifications can be secured from the architects or from the Clerk of the Board of Supervisors.

WALLA WALLA, WASH. — Court house. Class A construction, \$200,000. Architect, Henry Osterman, Walla Walla. Owners, Walla Walla County. The County Commissioners have voted to construct a new building costing \$200,000. Architect Osterman was informally commissioned to prepare plans, but this action was not unanimous. A competition may be called. Further mention will be made of the work as it develops.

FACTORIES & WAREHOUSES.

SAN FRANCISCO — Warehouse, 2 story and base, brick, \$15,000. Architect, Lewis P. Hohart, Crocker Bldg., S. F. Owners, Crane & Co. The building will be erected on the property on Stanford street south of Brannan, and will cover an area of 100x80 feet. Construction will be of the heavy warehouse type. No interior finish will be installed. There will be a freight elevator and automatic sprinkler system. Metal window sash and frames are

specified. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken on all parts of the work.

SAN FRANCISCO—Machine shop, 1 story, frame construction, \$2,500. Architect, none. Owner, E. W. Tucker, 256 Spear St., S. F. The building will be erected on Fremont 275 north of Harrison, and will cover an area of 21x137½ feet. No interior finish will be installed except in the front portion which will be fitted up for offices. The building has been designed for a machine shop and will be occupied by the owner. Exterior will be covered with galvanized iron. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Cannery and warehouse, 1 story, frame, \$2,000. Architect, none. Owners, Creco Canning Co., San Jose. This building will cover an area of 80x115 feet. A portion of the structure will be used for canning purposes and the balance of the building will be used as a warehouse. No interior finish will be used. Exterior will be covered with galvanized iron. Plans are complete and work will be done by Day Labor.

PORTLAND, ORE.—Warehouse, 2 story and base, brick and concrete. Cost not stated. Architect, Aaron Gould, Worcester Bldg., Portland. Owner's name withheld. The building will be erected on East Washington street and will cover a ground area of 100x100 feet. Rear portion of the structure will be of reinforced concrete construction and the part facing the street of brick. There will be large freight elevators, automatic sprinklers and fireproof doors. Metal window sash and frames will also be specified. Exterior will be faced with pressed brick and cement plaster. Further mention will be made of the work as the plans progress.

SEATTLE, WASH.—Factory buildings, 1 and 2 story, brick and steel. Cost not stated. Architects, Stephen & Stephen, New York Bldg., Seattle. Owners, Broderick & Bascom Co. The one-story factory building will cover an area of 84x210 feet. There will also be a two-story fireproof oil house and a frame carpenter shop. Plans and specifications include metal window sash and frames and structural steel. About 4,000 cubic yards of fill is to be made. Plans for the work are now being prepared. Exterior of the buildings will be faced with stock brick.

FIRE HOUSES AND JAILS.

FRESNO, FRESNO CO., CAL.—Detention home, 2 story and base, brick and concrete, \$35,000. Architects, Swartz, Hotchkin & Swartz, Fresno. Owners, Fresno County. The building will be fireproof and will contain two large dormitories, one for females and one for males. There will also be work rooms, kitchens, dining halls and class rooms. Interior finish will be of pine throughout. Plans provide for a central heating system, modern plumbing and electric work. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Working drawings are being completed and bids will be called for sometime during this month.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic, S. F. The building will be erected on the north side of Hayes street west of Central avenue, and will cover an area of 25x60 feet. Interior has been arranged for two modern flats of five and six rooms with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire places with brick mantels in the living rooms. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and ship-lap with some brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,500. Architect, E. P. Helms, 1334 Church St., S. F. Owner, O. R. Anderson. The building will be erected on the east side of 15th avenue north of California street, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms and reception halls. There will be large open fire places in the living rooms with brick or tile mantels. Bath rooms will be finished in tile and tile wainscoting will be used in the kitchens. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

GOVERNMENT WORK AND SUPPLIES.

Mare Island Dredging.

The lowest figure submitted to the Navy Department for the dredging of the Mare Island Channel is that of the Standard American Dredging Company of Oakland, which offers to do the work for the lump sum of \$233,000 if awarded the entire contract, and its figures on the three separate details of the work amount to \$286,500, divided as follows:

Removal of \$2,600,000 cubic yards of mud, \$195,000; 6,000 yards of rock at thirty-foot depth, \$18,000; 42,000 cubic yards rock at twenty-foot depth, \$73,500.

The bids of the San Francisco Bridge Company were as follows:

Removal of mud, \$189,020; rock at thirty-foot depth, \$26,400; rock at twenty-foot depth, \$115,500. Total, \$330,920.

Bids were also submitted by the Hawaiian Channel Company and the American Dredging Company. It is expected that the award of the contract will be made at an early date and that the work will be started immediately thereafter. The city of Vallejo is awaiting action on this matter before calling for a bond election, as it proposes to build a bulkhead along the waterfront, behind which the debris from the channel can be dumped, thus reclaiming the tide lands, the control of which was recently given to the city.

Appraisers' Stores, San Francisco.

Under bids opened for reconstructing the wiring and lighting system of the U. S. Appraisers' Building at San Francisco, Cal., the contract was awarded to the General Electrical Construction Co., of 223 Minna street, San Francisco, Cal., at \$8,395. In the prosecution of the work material of the following manufacture will be used: General Electric Co. pendant switches and keyless sockets; Cutler-Hammer Mfg. Co. canopy switches; Holophane Glass Co. reflectors and glassware.

Balanced Valves.

The following bids were opened by the Reclamation Service, Los Angeles, Cal., under specification 213, for balanced regulating valves for Belle Fourche project:

Advance Machine Co., Los Angeles, Cal., \$85; Los Angeles, 21 days.

Maine Machine Works, Los Angeles, Cal., \$90; Los Angeles, 14 days.

Fulton Engine Works, \$151; Los Angeles, 14 days.

Isthmian Canal Commission, Redwood Lumber.

The following bids were opened by the general purchasing officer, Isthmian Canal Commission, Washington, D. C., for furnishing a miscellaneous quantity of redwood lumber:

Acme Lumber Co., San Francisco, Cal., \$1,234.49.

G. Elias & Bro., Buffalo, N. Y., \$1,355.39.

W. R. Grace & Co., San Francisco, Cal., \$1,140.27.

Canal Circular 778.

The following bids were opened by the general purchasing officer Isthmian Canal Commission, Washington, D. C., under circular 778, for furnishing two lock entrance flating caissons and their equipment:

Seattle Construction and Dry Dock Co., Seattle, Wash., \$952,000, with partially inclosed motors, Westinghouse pumps, Laddow valves, and General Electric motors, etc.

Union Iron Works, San Francisco, Cal., \$748,600, with partially inclosed motors, Worthington pump, Union Iron Works valves, General Electric motors, etc.

Canal Circular 787-C.

The Isthmian Canal Commission will open bids August 14, 1913, at 2:30 p. m., under canal circular 787-C, for furnishing the following material and supplies:

Class 1, 25 push cars.
Class 2, 300 cape chisels and 1,200 cold chisels.

Class 3, 246 twist drills.
Class 4, 2,184 files.

Class 5, 144 Stillson wrenches.
Class 6, 600 scythe blades.

Class 7, 432 machettes.
Class 8, 144 garden hose.

Class 9, 1,000 lbs copper tacks.
Class 10, 48 pairs ash ores, 8-ft.

Class 11, 3,000 ft rubber air hose.
Class 12, 300 lbs spiral hot and cold water packing.

Class 13, 600 lbs rubber sheet packing.
Class 14, 1,000 lbs square flax packing.

Class 15, 300 lbs spiral square packing.

Class 16, 3,000 lbs sheet packing, brass wire insertion.

Class 17, 200 asbestos manhole gaskets.

Class 18, 5,000 ft rawhide belt lacing.

Class 19, 300 lbs carpenter's chalk-line.

Class 20, 15 reams emery cloth.

Class 21, 3,000 lbs stearic acid candles.

Class 22, 4,000 lbs metal polish.

Class 23, 1,000 reams white bond paper.

Class 24, 200 reams white ledger paper.

Class 25, 100 reams onion skin paper.

Class 26, 500,000 manilla shipping tags, No. 6.

Salt Lake City, Utah, Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office at Salt Lake City, Utah:

Van Dorn Iron Works Co., Cleveland, Ohio, \$2,122.42.

Berger Mfg. Co., Canton, Ohio, \$2,146.

H. H. Shults Co., Gowanda, N. Y., \$2,500.

Crown Metal Construction Co., Jamestown, N. Y., \$2,587.

Watson Mfg., Jamestown, N. Y., \$2,749.

Art Metal Construction Co., Jamestown, N. Y., \$2,846.

Boilers, Port Townsend, Wash.

Bids were opened by the supervising architect for new heating boilers, etc., at the U. S. post office, Port Townsend, Wash., as follows:

Ward-Sherer, Seattle, Wash., \$1,176; time October 1, 1913.

Jones & Crouten, Port Townsend, Wash., \$2,450; time 60 days.

Rath Plumbing and Heating Co., Seattle, Wash., \$2,290; time November 1, 1913.

Fresno, Cal., Hoist and Lift.

The following bid was received by the supervising architect, Treasury Department, Washington, D. C., for a new hoistway and an electric freight lift for the U. S. post office and court house, Fresno, Cal.:

Otis Elevator Co., Washington, D. C., \$4,747; time December 8, 1913.

General Supply Committee Results.

In a report recently submitted to the Secretary of the Treasury by the superintendent of supplies, General Supply Committee, it is stated that the increase or decrease in prices obtained for the fiscal year 1914, as compared with those of 1913, is approximately estimated as follows: Stationery, decrease 5 per cent; hardware, decrease 7 per cent; dry goods, increase 5 per cent; electrical and engineering supplies, decrease 5 per cent; lumber, increase 10 per cent; paints, oils, etc., decrease 12 per cent; furniture, decrease 5 per cent; groceries and household supplies, increase 17 per cent; forage, flour and feed, decrease 20 per cent; fuel and ice, increase 7 per cent. It is estimated that there is practically no change in drugs and chemicals, laboratory apparatus, photographic supplies, engraving and printing supplies, and incandescent lamp supplies.

SAN FRANCISCO—Street paving and repairs and reforesting. Cost not stated. Engineer, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. The Constructing Quartermaster's Office at Fort Mason has been authorized by the War Department to prepare plans for several miles of new asphalt roads with concrete base and for extensive repairs to roads now made. In connection with the building of new roads will follow the beautification of the Presidio. Fort Winfield Scott will be reforested with about 100,000 trees of many varieties. John McLaren, well known landscape architect, is co-operating with Engineer O. W. Degen in this work.

GARAGES.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 story and base, brick and concrete, \$15,000. Architect, Frank L. Saff, Grosse Bldg., L. A. Owner, Hugh H. Evans. Contractors, F. O. Engstrom Co, 5th and Seaton Sts., L. A. Contract price, \$15,000.

LOS ANGELES, CAL.—Garage, 1 story and base, brick, \$10,000. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owners, Belgard and Jackson. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$10,000.

HALLS AND SOCIETY BUILDINGS.

SAN PEDRO, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick and steel, \$10,000. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, San Pedro Masonic Temple Association. The building will be erected on a corner site and will cover an area of 50x100 feet. The entire building will be given over to the use of the association. There will be several lodge rooms, library, reading rooms and social halls. A completely equipped banquet room and kitchen will also be provided. Interior finish will be of pine and hardwood. There will be steam heat. Metal window sash and frames and metal lath and plaster interior partitions are specified. Exterior of the building will be faced with pressed brick and artificial stone. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Lodge hall, 3 story and base, brick, \$35,000. Architect, Charles Paff, Merchants' Exchange Bldg., S. F. Owners, Carpenters' Hall Association. This work was mentioned here when Architect Paff was first commissioned to prepare plans. Drawings for the excavation have been completed and are in the hands of the Building Committee for figures. Plans can be secured from the Secretary at 804 Mission street. Contracts for the balance of the work will follow as soon as bids can be secured. The new building will be erected on McCoppin and Valencia streets and will be arranged for stores on the first floor and lodge halls and offices above. Exterior will be faced with pressed brick. A. Calderwood is the general secretary.

RICHMOND, CONTRA COSTA CO., CAL.—Lodge hall, 3 story and base, B. Osborn, Richmond. Owners, Rich-

mond Moose Hall Association. This building will be erected on 6th street and will cover an area of 72x112 feet. There will be two stores on the first floor, lodge rooms on the second floor and the third floor will be arranged for a number of offices. Preliminary plans are now under consideration and a detailed description of the work can not be given at this time. Further mention will be made as plans progress.

McMINNVILLE, ORE.—Lodge hall, 3 story and base, brick. Cost not stated. Architect, C. C. Robins, Ainsworth Bldg., Portland. Owners, Masonic Hall Association of McMinnville. This work has been mentioned here before when the architect was first commissioned to prepare plans. The structure will cover an area of 80x95 feet. First floor and basement will be used for commercial purposes, the second floor for offices and the third floor will be fitted up for lodge rooms and banquet hall. Interior finish will be of pine with some hardwoods. There will be steam heat and elevator service. Stores will have plate glass display windows in patent store fronts. Metal window sash and frames are specified. Exterior of the building will be faced with klinker or pressed brick. Plans are complete and figures are being taken. Bids will be opened on August 12th.

HOTELS.

SAN FRANCISCO—Hotel, 8 story and base. Class B construction, \$95,000. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, Milton D. Grosh et al. This building was mentioned here when the architect was first commissioned to prepare plans. Working drawings have been completed and a contract for the excavating and grading let. The building will be erected on the north side of Sutter street 100 feet west of Powell, and will have a street frontage of 37½ feet and a depth of 137½ feet. A complete steel frame with exterior walls of reinforced concrete are specified. Exterior will be faced with cement plaster. Main floor will be given over to a large lobby, offices and parlors. Upper floors will be arranged for guest rooms, all of which will have private baths. Interior finish will be of pine and hardwoods. Ornamental plaster will be used in the lobby and offices. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Metal window sash and frames and metal lath and plaster partitions will be specified. Plans are complete and figures are being taken on the general contract.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$15,000. Architect, O. E. Evans, 2267 Mission St., S. F. Owner, Mr. Mohr, 519 7th street, S. F. This building will be erected on Railroad avenue near 21st avenue, and has been designed for a saloon on the first floor and a number of single rooms above. Interior finish will be of pine and redwood. Hot and cold running water will be supplied to all rooms. Besides the guest rooms there will be two public rooms on each of the upper floors. Exterior of the building will be faced with shiplap and rustic. Plans are now being prepared and figures will be

called for within a few days.

SAN FRANCISCO—Hotel addition, 3 story, brick and steel, \$33,000. Architect, William Mosser, Nevada Bank Bldg., S. F. Owner, Miss Jennie M. Blair. The present four-story hotel structure at the northwest corner of Ellis and Mason streets is to have a four-story addition, making the completed building seven stories in height and greatly increasing its capacity. The present lines of architecture will be followed out as will the interior finish, which is of pine and hardwoods. All guest rooms will have connecting baths. The heating plant will be increased and elevator service will be extended to the new portion of the building. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, John J. Clayton. This building will be erected on the north side of Howard street between 3rd and 4th streets. There will be two stores on the first floor, lobby, office, reading room and dining room on the second floor and 52 rooms on the upper three floors. In addition to the guest rooms each floor will contain a number of baths which will have cement floors and tile wainscot. There will be elevator service and steam heat. Hot and cold running water will be supplied to all rooms. Stores will have patent store fronts. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

OAKLAND, CAL.—Hotel, 8 story and base, brick and steel, \$120,000. Architect, Clay M. Burrell, Albany Bldg., Oakland. Owners, Morris & Muller. This work was mentioned here when the architect was first commissioned. The structure will be erected at the north east corner of 14th and Jefferson streets, covering a large area. Ground floor will contain three stores besides the hotel entrance and lobby. Upper floors will be arranged for about 200 guest rooms, a large percentage of which will have connecting baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Bids have been taken for the steel work and plans for the balance of the contract are now out for figures.

LOS ANGELES, CAL.—Hotel, 12 story and base, reinforced concrete. Cost not stated. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. This building will be erected on Spring street south of 4th, and has been mentioned here before. Plans provide for a total of 275 rooms and 264 baths, besides the general office, lobby and parlors. There will be steam heat, elevator service, a hot water system and vacuum cleaning system. Interior will be finished in pine, hardwoods, marble and tile. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with glazed pressed brick and terra cotta. Plans are complete and figures are being taken.

Contracts Awarded.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel, \$75,000. Archi-

fects, Oliver & Thomas, Pantages Theatre Bldg., Oakland. Owner, Roger Colt. Contractors, Sommarstrom Bros., 1011 Franklin St., Oakland. Contract price not stated. Note: Contractors are not taking subfigures on the various parts of this work.

OAKLAND, CAL.—Hotel, 7 story and base. Class A construction. Cost not stated. Architects, Bliss & Fulville, Balboa Bldg., S. F. Owners, Oakland Hotel Company. Contractors, J. P. Walker Co., Monadnock Bldg., S. F. This contract is for finishing and altering the upper two stories of the Oakland Hotel. Contract price is stated at \$150,000.

LOS ANGELES, CAL.—Hotel, 4 story and base. Class C construction, \$44,000. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, M. J. Priester. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$14,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Structural steel for Entrance Tower. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids have been opened by the Buildings and Grounds Committee for furnishing and fabricating structural steel for the Main Entrance Tower and for erecting the same. The United States Steel Products Co. were low on furnishing and fabricating at \$267,142, and will probably be awarded the contract. Smith-Rice & Co. were low for erecting at \$23,000. A complete list of these figures appears under the heading of San Francisco in this issue.

SAN FRANCISCO—Paving roadways. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for paving the East Roadway to Fillmore street entrance show Flynn & Treacy low at \$18-100 cents. All bids appear under the heading of San Francisco in this issue.

SAN FRANCISCO—Warehouses Nos. 3 and 4, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. J. Monk presented the low bid at \$7,940 for constructing the two warehouses for the Exposition Co. Bids were opened on Thursday last by the Buildings and Grounds Committee. Eleven sets of bids were received. A complete list of these figures appears under the heading of San Francisco in this issue.

POST OFFICES.

PASADENA, LOS ANGELES CO., CAL.—Post office, 2 story and base. Class A construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans and specifications are now out for figures for the new Federal Building which is to be erected in Pasadena. The building will cover a ground area of approximately 12,000 square feet. The main portion is to be two stories high with a one-story wing in the rear.

Construction will be fireproof. Interior partitions will be of hollow tile and metal lath and plaster. Exterior will be faced with stucco. Roof will be of clay tile. Interior finish will be of pine and hardwoods. A general contract, including heating, electric work and light fixtures will be let. Plans can be secured from the Supervising Architect or from the custodian of the site. Bids will be opened in Washington, D. C., on September 11 at 3 p. m.

RESIDENCES.

SAN FRANCISCO—Bungalow, 4½ story and base, frame, \$2,100. Architect, none. Owner, A. T. Morris, 616 9th Ave., S. F. The house will be erected on the east side of 12th avenue near Anza street, and has been designed to contain six rooms and bath. Interior finish will be of pine with some redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 3 story and base, frame, \$35,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Albert G. Ehrman. This dwelling will be erected on the north side of Broadway east of Baker street, and has been designed as a modern city home. There will be in the neighborhood of 14 rooms, several baths and sleeping porches. Interior finish will be of pine and hardwoods. Tile will be used in the bath rooms. There will be a central heating system, probably steam. Hardwood floors will be used throughout. Considerable marble and tile work is specified. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and contract for excavating, concrete work and foundations has been awarded to Frank M. Garden Co. Figures are being taken for the balance of the construction.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George P. Baxter. The house will be erected in Claremont Park, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood and white enamel. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the principal rooms. Tile will be used in the kitchen and bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MARYSVILLE, YUBA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architects, National Architectural and Engineering Co., First National Bank Bldg., S. F. Owner's name withheld. The house will contain 8 rooms and bath. Interior finish will

be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, S. G. Downing. The dwelling will be erected in Claremont Park, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the owner is now taking figures on the various parts of the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, H. M. Swalley, 745 Wesley avenue, Oakland. The house has been designed to contain eight rooms, bath and sleeping porch, and will be erected at the northwest corner of Wickson and Warfield avenues. Interior finish will be of pine and hardwood. There will be furnace heat and open fire place. Mantel will be of brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have composition floor and tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$5,000 each. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Seoble. These houses will be erected on the west side of Lake street east of 16th avenue. Each house has been designed to contain seven rooms and bath. Interiors will be finished in pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Werner E. Thorp, 455 Haight St., Alameda. The house will contain in the neighborhood of seven rooms, bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place.

Mantel in the living room will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, D. C. Coleman. Merchants' National Bank Bldg., S. F. Owner, M. Fisher. This dwelling will be erected in Forest Hill, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwoods. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room, den and reception hall. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on wire lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor. Materials are now being purchased.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, etc., frame construction. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in Stockton: J. B. Oeeble, Stockton, 1 story frame residence, \$2,000; C. McFadden, Stockton, 1 story frame, \$1,750; A. L. Garron, 634 North Aurora street, Stockton, 2 story frame residence, \$2,000; Joe Gilbeau, 945 South San Joaquin St., Stockton, remodel frame building, \$1,200; Jacob Fisher, 819 East Anderson St., Stockton, 2 story frame dwelling, \$1,600; W. C. Acumiller, 248 West Acadia St., Stockton, remodel frame dwelling, \$600; and Mrs. S. Marshall, Stockton, alter frame dwelling, \$1,600.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, etc., frame construction. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: Dr. C. F. Lane, 155 Balback St., San Jose, 1½ story frame dwelling, \$1,500; J. P. McGinnis, 155 Reed St., San Jose, remodel residence, \$1,000; J. Nordi, northeast Willow and Spencer streets, San Jose, 1 story five-room cottage, \$800; T. Titaro, Home St., San Jose, 1 story four-room cottage, \$500; J. O. Falcome, Home St., San Jose, 1 story four-room cottage, \$500, and W. E. Woodhams, 16 North 2nd St., San Jose, 1 story five-room cottage, \$1,800.

Contracts Awarded.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$20,000. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Edward Beck. Contractors, Powell Bros., Alameda, excavating and foundation work; Schnebley-Hostrawser & Pedgrift, First National Bank Bldg., Oakland, Carpentry and plastering; Charles Sturin, Oakland, plumbing. Balance of the work is out for figures.

SCHOOLS.

MENLO PARK, SAN MATEO CO., CAL.—School, 1 story and base, frame, \$15,000. Architect, J. W. Dulliver, Royal Insurance Bldg., S. F. Owners, Menlo Park School District. Plans for this building have been completed and bids will be called for at once. The building will contain four class rooms and an assembly hall. Interior will

be finished in pine and hardwood. A central heating system will be installed. There will be program clocks and bell system. Composition blackboards will be used. Exterior of the building will be faced with cement plaster on metal lath. A clay tile roof will be specified.

OAKLAND, CAL.—Schools, temporary buildings, frame construction. Cost not stated. Architect, City Architect, J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. Bids opened at the last meeting of the Board of Education show the following men low: Intermediate School and Temporary Science Building, McGinty & Son, \$1,955; Portable Schools, John R. Faulkes; Schools 4, 5, and 6, \$2,640, \$3,300 and \$3,960, respectively, and for the Bay School O. B. Ackerman & Son, \$3,200. A complete list of these figures appear under the heading of Oakland and Alameda County in this issue.

PORTLAND, ORE.—School gymnasium, 1½ story and base, brick. Cost not stated. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Reed College. The building will cover an area of 70x160 feet, the main feature of the building being a hanging gallery around the four sides. The building will be arranged with one portion for men and one for women. There will be special exercising rooms, two hand ball courts and swimming tanks. Bath will be equipped with showers. Both wings of the building will be equipped with metal lockers. Plans provide for steam heat. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and are being figured.

OWENSMOUTH, LOS ANGELES CO., CAL.—School, 2 story and base, brick, \$40,000. Architect's name not given. Owners, Owensmouth School District. The building has been designed to contain eight standard size class rooms, an auditorium and principal's office. Interior will be finished in pine with maple floors. There will be a central heating system and modern ventilation. Exterior of the building will be faced with glazed brick. Plans and specifications have received the approval of the Board of Education and are now out for figures. Bids will be opened on August 11th. Plans and specifications can be secured from the Los Angeles Suburban Homes Co., Trust and Savings Bldg., L. A.

SEWERS, STREET WORK AND WATER SYSTEMS.

CHICO, BUTTE CO., CAL.—Septic tank, \$6,000. Engineer, City Engineer, Chico. Owners, City of Chico. Plans for a septic tank which will be erected on the sewer farm have been approved and bids are now being called. Plans can be secured from the City Clerk at Chico. Bids will be opened on August 19th. An official proposal appears in another column of this issue.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Office building addition, 12 story and base. Class A construction. \$500,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Ogden Mills. This work has been mentioned here before when it was first an-

nounced that the addition was to be constructed. The new portion of the building will have a frontage on Bush street of 60 feet by 120 feet. New portion will follow the lines of architecture in the present building. Interior finish will be of pine, hardwood and marble. Exterior will be faced with pressed brick and terra cotta. Plans are out for figures and contracts will be awarded within a short time.

STOCKTON, SAN JOAQUIN CO., CAL.—Store alterations, 1 story and base, brick, \$1,000. Architect, none. Owner, Mrs. M. Rossi. The building at the corner of Main and Commerce streets will be altered and additions made. The work will include new plastering, interior finish, plumbing, painting and electric work. Plate glass windows and patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner. Work will be done by Day Labor. Materials are now being purchased.

SAN PEDRO, LOS ANGELES CO., CAL.—Stores and offices, 4 story and base, brick and steel. Cost not stated. Architect, E. H. Dorr, 1811 South Main St., L. A. Owner, N. O. Anderson. The building will cover an area of 25x75 feet and will contain one store on the first floor and 27 modern offices on the three upper floors. Interior will be finished in brick. Plans provide for elevator service, hot and cold running water and gas fuel. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with glazed brick. Considerable marble and tile will be used. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Store and rooms, 2 story and base, brick and steel, \$10,000. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Mrs. R. J. Snyder. Contractor, J. R. Hannah, Williams Bldg., S. F. Contract price, \$9,255.

PORTLAND, ORE.—Store and office alterations, 4 story and base, brick and steel, \$50,000. Architects, Whidden & Lewis, Wilcox Bldg., Portland. Owners, Weinhard Estate. Contractor, Edward Killfeather, 427 Third St., Portland. Contract price, \$50,000.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction. \$200,230. Architects, William Curlett & Son, Title Insurance Bldg., L. A., and Phelan Bldg., S. F. Owners, Merchants' Fireproof Building Co. Contractors, J. C. Kubach Co., Van Nuys Bldg., L. A. general construction. Contract price, \$200,230.

LOS ANGELES, CAL.—Stores and lofts, 13 story and base. Class A construction. Cost not stated. Architects, Au tin & Pennell, Wright and Callender Bldg., L. A. Owners, Mason Estate. Contractors, Baker Iron Works, L. A., furnishing and erecting structural steel. Contract price, \$69,000.

BAKERSFIELD, KERN CO., CAL.—Store and offices, 2 story and base, brick. Cost not stated. Architect, none. Owner, George L. Snider. Contractors, Dupes, Hanson & Dupes, Bakersfield. Contract price not stated.

FRESNO, FRESNO CO., CAL.—Department store, 3 story and base, Class A, \$125,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F.

Owners, E. Gottschalk Co. Contractors, Trewhitt & Shields, Fresno, general construction. Contract price, \$119,773.

THEATRES.

SAN FRANCISCO—Theatre, 2 story and base. Class A construction, \$10,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building, which has been designed for a high class motion picture theatre, will be erected on Broadway east of Stockton. The building will have a frontage of 68 feet and a depth of 137 1/2 feet. Interior will be handsomely finished in pine and ornamental plaster. There will be a modern system of ventilation. Construction will be fireproof throughout with a complete steel frame, exterior walls of brick and concrete, faced with pressed brick. Considerable art glass, marble and tile will be used. Plans are being prepared.

SACRAMENTO, CAL.—Theatre, 3 story and base, reinforced concrete, \$75,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnen Circuit. The building will be erected on K street and will contain, besides the theatre proper, several stores. The theatre will be arranged with a main auditorium and gallery. Interior finish will be of pine and hardwoods and ornamental plaster. There will be steam heat and a modern system of ventilation. Construction will be fireproof, with concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

VANCOUVER, B. C.—Theatre, 3 story and base. Class A construction, \$150,000. Architect, J. J. Donnellan, 319 Pender street, Vancouver. Owner's name withheld. The building will be erected on Keefer street near Main and will cover an area of 75x120 feet. There will be a main auditorium and two galleries. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls, floors and roof. Interior partitions will be of metal lath and plaster. Interior finish will be of pine, hardwoods and ornamental plaster. A modern system of heating and ventilating will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared and will be out for figures within a month.

SEALED PROPOSALS.

PROPOSALS FOR GRANT WORK.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of August, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefore, to wit:

The granite work for the City Hall, to be located on city property bounded by McAllister, Polk and Grove streets and Van Ness avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within

five (5) calendar days from the date of the contract to be made and entered into therefor and completed within the time limits as provided for in the specifications.

The amount of bond for faithful performance of contract has been fixed at \$200,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposals must be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 6th day of August, 1913, for doing the following work to wit:

The erection of the structural steel and cast iron for the City Hall, to be located on city property bounded by McAllister, Polk and Grove streets and Van Ness avenue.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and ninety (190) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check, certified by a responsible bank, payable to the order of the Clerk of the Board of Supervisors, for an amount not less than ten per cent of the aggregate of the proposal, based on a total of seventy-five hundred (750) tons.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL, Secretary.

PROPOSALS FOR BUILDING—FINISH HARDWARE, ETC.

THE BOARD OF EDUCATION of the City of Oakland, State of California, requests and will receive bids for the furnishing of all Materials, Labor and Workmanship required in connection with the construction, erection and finish of a basement and one (1) story addition to, and of certain alterations and additions in the present building of the Fruitvale School No. 3, located on the northerly side of Penniman avenue, between Thirty-fifth (35th) and Thirty-eighth (38th) avenues in the said city of Oakland.

Also for the furnishing of all the lock sets, panic and exit door bolts and padlocks required for exit doors and gates of thirteen (13) certain school buildings and for the furnishing of all the other finished hardware required for the Manual Training School now in course of erection in the said City of Oakland.

All said materials, labor and workmanship is to consist of that required to be done in accordance with the plans, drawings and specifications prepared therefor and on file in the office of the City Engineer, and the Architect of the City of Oakland, to which said plans and Specifications reference is hereby made.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the city, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bids for Fruitvale School" or "Bids for Finished Hardware" as the case may be, addressed to the Board of Educa-

tion, and deposited by the bidder, or his agent, with the Board within in session, between 4:30 and 5:30 o'clock p. m., Pacific Time, on the 18th day of August, 1913, in the rooms of the Board in the City Hall Annex, No. 1728 Broadway, Oakland, California, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Board.

No bid which combines the school building with the finished hardware proposition will be considered.

All bids must be accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than 10% of the aggregate amount of the bid. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and pay for the same.

The forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of award.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Board in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

By order of the Board of Education of the City of Oakland, California.

Dated July 4, 1913.
L. HANNAFORD,
Secretary of the Board of Education of the City of Oakland.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 787-C—Office of the General Purchasing Officer, Isthmian Canal Commission, Washington, D. C.—Sealed proposals will be received at this office until August 14, 1913, under the order for the furnishing of Push Bars, Cold Chisels, Twist Drills, Files, Wrenches, Scythe Blades, Machettes, Hoes, Copper Tacks, Ash Oars, Air Hose, Packing, Gaskets, Lagging, Chalk, Linen, Emery Cloth, Candles, Metal Polish, Bond Paper, Ledger Paper, Onion Skin and Shipping Tags. For further information address F. C. FOGGUS, major purchasing officer, U. S. army, general purchasing office.

PROPOSALS FOR LOCK WALL.

LOCK WALL—U. S. Engineer Office, 802 Couch Building, Portland, Ore.—Sealed proposals for constructing south wall of upper lock at Cascades, Ore., will be received here until 11 a. m., August 14, 1913, and then publicly opened. Information on application. JAY J. MORROW, major, engineers.

PROPOSALS FOR SEPTIC TANK.

SEALED PROPOSALS will be received by the City Trustees of the City of Chico up to and including the 11th day of August for furnishing all labor and materials and the installation of a septic tank on the sewer farm in the city of Chico. Plans and specifications for the above mentioned work may be secured on application to the City Clerk, Chico, Cal.

Right is reserved to reject any or all bids.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., July 31, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock p. m. on the 11th day of September, 1913, and then opened, for the construction (including material and equipment, interior lighting fixture, and approaches) of the United States post office at Pasadena, Cal. The building is two story rear wing, and has a ground area of approximately 12,000 square feet; fireproof construction; stucco facing and marble trim; and the shop and painting and specifications may be obtained from the custodian at Pasadena, Cal., or at this office, at the discretion of the Supervising Architect, J. O. WENDEGROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.
TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., July 29, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M. on the 2nd day of September, 1913, and then opened, for the construction complete of the vault entrances for the vaults of the new building for the United States Subtreasury at San Francisco, Cal. Drawings and specifications may be obtained from this office at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect.

NOTICE TO CONTRACTORS.
TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., July 29, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M. on the 2nd day of September, 1913, and then opened, for the construction (including mechanical equipment, interior lighting fixtures, and electric protection) of two interior money vaults of 3,500 square feet area for the new building for the United States Subtreasury at San Francisco, Cal. Drawings and specifications may be obtained from the superintendent of construction, San Francisco, Cal., or at this office, at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

PROPOSALS FOR SALE OF MATERIALS.

SALE OF OLD MATERIAL.—There will be sold at the navy yard, Mare Island, Cal., material belonging to the Navy, condemned as unfit for use therein, consisting of whale boats, cutters, launches, rope, chain, diving

suits, lamps, clothing, furniture, dishes, press-copy material, flags, books, scrap brass, musical instruments, scales, refrigerators, ordnance stores, boiler tubes, engines, pumps, machine tools, ingot brass, scrap iron and steel, etc. The sale will be for cash to the highest bidder by sealed proposals to be opened at 1:30 p. m., August 11, 1913. Schedules containing form of proposals and terms of sale can be obtained upon application to the general storekeeper, navy yard, Mare Island, Cal. JOSEPHUS DANIELS, Secretary of the Navy.

PROPOSALS FOR SURVEY BOAT.
MOTOR SURVEY BOAT.—U. S. Engineer Office, 401 Custom House, San Francisco, Cal.—Sealed proposals for constructing and delivering a motor survey cruiser will be received at this office until 12 m., August 9, 1913, and then publicly opened. Information on application. THOMAS H. REES, Lt. Col. Engineers.

PROPOSALS FOR BUILDING.
BUILDING—Sealed proposals indorsed "Proposals for Gunners' Quarters and Filling House" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., August 16, 1913, and then there publicly opened, for a gunners' quarters and a filling house at the naval magazine, Puget Sound, Wash. Amount available, \$7,500—\$6,000 for gunners' quarters and \$1,500 for filling house. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

Bath rooms will be finished in tile and cement plaster. Considerable ornate decorative iron will be used. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are practically finished and construction will shortly be started. Building Superintendent Rolph of Mr. Meyer's office will be in charge of the work. It is probable that all parts of the work will be segregated.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$10,000. San Francisco. Architect, Edward E. Foulkes, Crocker Bldg., S. F. Owner, Mrs. A. Hudgear. This building will be erected on the south side of Bush street east of Stockton, and will cover an area of 31½x126 feet. There will be in the neighborhood of 27 suites arranged in apartments of two and three rooms. Interior finish will be of pine with some hardwood veneer and hardwood floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. Besides the suites the building will contain a large social hall and lobby. All suites will have wall beds and private bath rooms. Exterior will be faced with pressed brick. Plans are complete and figures are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, Thomas F. Barry, 3641, 20th St., S. F. The building will be erected on Green street west of Larkin, and will cover an area of 25x77 feet. Interior has been arranged for six suites of four rooms and bath each. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms and reception halls. There will be steam heat and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

CITY HALL—4 story and dome. Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids are now being called for by the Board of Public Works for erecting the structural steel and iron for the new City Hall. Bids will be opened on Wednesday, August 6th. A complete list of these bids will appear in the next issue of the Building and Industrial News.

CITY HALL—4 story, base, and dome. Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Plans and specifications for the granite work on the new City Hall have been completed and approved. Bids are now being called for by the Board of Public Works and will be opened on August 27th. A bond in the sum of \$300,000 is required, which indicates that the work has been estimated to cost in the neighborhood of \$1,200,000. Plans and full instructions for bidders can be secured from the Board of Public Works. An official proposal appears in another column of this issue.

TREASURY VAULTS, ETC.—Cost not stated, San Francisco. Ar-

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

BUNGALOW—½ story and base, frame, \$2,100. San Francisco. Architect, none. Owner, A. T. Morris, 616 9th Ave., S. F. The house will be erected on the east side of 12th avenue near Anza street, and has been designed to contain six rooms and bath. Interior has will be of pine with some redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—3 story and base, frame, \$35,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Albert G. Ehrman. This dwelling will be erected on the north side of Broadway, east of Baker street, and has been designed as a modern city home. There will be in the neighborhood of fourteen rooms, several baths and sleeping porches. Interior finish will be of pine and hardwoods. Tile will be used in the bath rooms. There will be a central heating system, probably steam. Hardwood floors will be used throughout. Considerable marble and the work is specified. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and contract for excavating, concrete work and foundations has been awarded to Frank M. Garden

Co. Figures are being taken for the balance of the construction.

RESIDENCES—2, 2 story and base, frame, \$5,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Scobie. These houses will be erected on the west side of Lake street east of 16th avenue. Each house has been designed to contain seven rooms and bath. Interiors will be finished in pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—6 story and base, brick and steel, \$200,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Schmiedel Estate, which is the second large apartment house structure to be erected by the Schmiedel Estate in this city recently, will occupy the southeast corner of Post and Leavenworth streets, covering an area of 137½x123½ feet. Interior will be divided into sixty apartments arranged in large suites. Pine, hardwood, marble, tile and ornamental plaster will be used in interior finish. Plans provide for steam heat, passenger and freight elevators, vacuum cleaning system and hot water supply. All suites will have private bath rooms and will be equipped with wall beds.

chitect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are now being called for on the construction, including mechanical equipment, interior lighting fixtures and electric protection, for two money vaults, which are to be installed in the San Francisco Subtreasury. These vaults will cover 3,500 square feet of floor area. Plans and specifications can be secured from the superintendent of construction in this city or from the Supervising Architect at Washington, D. C. Bids will be opened in Washington on September 2nd. An official proposal appears in this issue.

SUBTREASURY VAULT ENTRANCE ETC.—Cost not stated. San Francisco. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened in Washington, D. C., on September 2nd for construction, complete, of two vault entrances for the money vaults which are to be installed in the United States Subtreasury in San Francisco. Plans and specifications can be secured from the Supervising Architect at Washington or from the superintendent of construction in this city. An official proposal appears in another column of this issue.

WAREHOUSE—2 story and base, brick, \$15,000. San Francisco. Architect, Lewis P. Hohart, Crocker Bldg., S. F. Owners, Crane & Co. The building will be erected on the property on Stanford street south of Brannan, and will cover an area of 100x80 feet. Construction will be of the heavy warehouse type. No interior finish will be installed. There will be a freight elevator and an automatic sprinkler system. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken on all parts of the work.

MACHINE SHOP—1 story, frame construction, \$2,500. San Francisco. Architect, none. Owner, E. W. Tucker, 256 Spear St., S. F. The building will be erected on Fremont 275 feet north of Harrison, and will cover an area of 1x137½ feet. No interior finish will be installed except in the front portion which will be fitted up for offices. The building has been designed for a machine shop and will be occupied by the owner. Exterior will be covered with galvanized iron. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$15,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic, S. F. The building will be erected on the north side of Hayes street west of Central avenue and will cover an area of 25x60 feet. Interior has been arranged for two modern flats of five and six rooms with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire places with brick mantels in the living rooms. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap with some brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

FLATS—2 story and base, frame, \$5,500. San Francisco. Architect, E. P. Helms, 1334 Church St., S. F. Owner, O. K. Anderson. The building will be erected on the east side of 15th avenue north of California street, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms and reception halls. There will be large open fire places in the living rooms with brick or tile mantels. Bath rooms will be finished in tile and tile wainscotting will be used in the kitchens. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

STREET PAVING AND REPAIRS AND REFORESTING—Cost not stated. San Francisco. Engineer, Constructing Quartermaster Department, Port Mason. Owners, United States Government. The Constructing Quartermaster's Office at Port Mason has been authorized by the War Department to prepare plans for several miles of new asphalt roads with concrete base, and for extensive repairs to roads now made. In connection with the building of new roads will follow the beautification of the Presidio. Fort Winfield Scott will be reforested with about 100,000 trees of many varieties. John McLaren, well known landscape architect is co-operating with Engineer O. W. Degen in this work.

LODGE HALL—3 story and base, brick, \$35,000. San Francisco. Architect, Charles Paff, Merchants' Exchange Bldg., S. F. Owners, Carpenters' Hall Association. This work was mentioned here when Architect Paff was first commissioned to prepare plans. Drawings for the excavation have been completed and are in the hands of the Building Committee for figures. Plans can be secured from the Secretary at 804 Mission street. Contracts for the balance of the work will follow as soon as bids can be secured. The new building will be erected on McCoppin and Valencia streets, and will be arranged for stores on the first floor and lodge halls and offices above. Exterior will be faced with pressed brick. A. Calderwood is the general secretary.

HOTEL—8 story and base, Class B construction, \$95,000. San Francisco. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owners, Milton D. Grosh et al. This building was mentioned here when the site was first commissioned to prepare plans. Working drawings have been completed and a contract for the excavating and grading lot. The building will be erected on the north side of Sutter street, 100 feet west of Lowell, and will have a street frontage of 37½ feet and a depth of 57½ feet. A complete steel frame with exterior walls of reinforced concrete are specified. Exterior will be faced with cement plaster. Main floor will be given over to a large lobby, offices and floors. Upper floors will be arranged for guest rooms, all of which will have private baths. Interior finish will be of pine and hardwoods. Groundwater plaster will be used in the lobby and offices. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, a vacuum clean-

ing system and hot water supply. Metal window frames and sash and metal lath and plaster partitions will be specified. Plans are complete and figures are being taken on the general contract.

HOTEL—3 story and base, frame, \$15,000. San Francisco. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, Mr. Mohr, 579 7th St., S. F. This building will be erected on Railroad avenue near 21st avenue, and has been designed for a saloon on the first floor and a number of single rooms above. Interior finish will be of pine and redwood. Hot and cold running water will be supplied to all rooms. Beside the guest rooms there will be two public baths on each of the upper floors. Exterior of the building will be faced with shiplap and rustic. Plans are now being prepared and figures will be called for within a few days.

HOTEL ADDITION—3 story, brick and steel, \$38,000. San Francisco. Architect, William Mooser, Nevada Bank Bldg., S. F. Owner, Miss Jennie M. Blair. The present four-story hotel structure at the northwest corner of Ellis and Mason streets is to have a three-story addition, making the completed building seven stories in height and greatly increasing its capacity. The present lines of architecture will be followed out as will the interior finish, which is of pine and hardwoods. All guest rooms will have connecting baths. The heating plant will be increased and elevator service will be extended to the new portion of the building. Plans are complete and figures will be called for at once.

HOTEL—5 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, John J. Clayton. This building will be erected on the north side of Howard street between 3rd and 4th streets. There will be two stores on the first floor, lobby, office, reading room and dining room on the second floor and 52 rooms on the upper three floors. In addition to the guest rooms each floor will contain a number of baths which will have cement floors and tile wainscot. There will be elevator service and steam heat. Hot and cold running water will be supplied to all rooms. Stores will have patent store fronts. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, M. Fisher. This dwelling will be erected in Forest Hill and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwoods. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room, den and reception hall. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on wire lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor. Materials are now being purchased.

OFFICE BUILDING ADDITION—12 story and base. Class A construction,

\$500,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Ogden Mills. This work has been mentioned here before when it was first announced that the addition was to be constructed. The new portion of the building will have a frontage on Bush street of 60 feet by 120 feet. New portion will follow the lines of architecture in the present building. Interior finish will be of pine, hardwood and marble. Exterior will be faced with pressed brick and terra cotta. Plans are out for figures and contracts will be awarded within a short time.

THEATRE—2 story and base. Class A construction, \$40,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building, which has been designed for a high class motion picture theatre, will be erected on Broadway east of Stockton. The building will have a frontage of 68 feet and a depth of 137½ feet. Interior will be handsomely finished in pine and ornamental plaster. There will be a modern system of ventilation. Construction will be fireproof throughout with a complete steel frame, exterior walls of brick and concrete, faced with pressed brick. Considerable art glass, marble and tile will be used. Plans are being prepared.

STRUCTURAL STEEL FOR ENTRANCE TOWER—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for furnishing and fabricating structural steel for the Main Entrance Tower and for erecting the same. The United States Steel Products Co. were low on furnishing and fabricating at \$207,142, and will probably be awarded the contract. Smith-Rice & Co. were low for erecting at \$33,000. A complete list of these figures appears under the heading of San Francisco in this issue.

PAVING ROADWAYS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for paving the East Roadway to Fillmore street entrance show Flynn & Treacy low at \$18-100 cents. All bids appear under the heading of San Francisco in this issue.

WAREHOUSES NOS. 3 AND 4—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. J. Monk presented the low bid at \$7,940 for construction of the two warehouses for the Exposition Co. Bids were opened on Thursday last by the Buildings and Grounds Committee. Eleven sets of bids were received. A complete list of these figures appears under the heading of San Francisco in this issue.

Contracts Awarded.

STORE AND ROOMS—2 story and base, brick and steel, \$10,000. San Francisco. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Mrs. R. J. Snyder. Contractor, J. R. Hannah, Williams Bldg., S. F. Contract price, \$9,255.

S. F. A. C. Elect Officers.

New Treasurer and Two New Directors are Elected for the Year Ending July 1914.

At the regular monthly meeting of the San Francisco Architectural Club, the new Treasurer, Wm. D. Sherman, and Directors, Jas. Magee and George E. Greenwood, were elected to their respective offices for the year ending July, 1914.

New Draying Company Now In The Field.

Federal Transfer and Draying Company Equipped with Motor Trucks Open Offices at 521 Sutter Street.

The new draying firm, the Federal Transfer and Draying Company, has taken the Sutter street store of the new Press Club Building at Sutter and Powell streets. The firm consists of M. D. Perry and E. E. Howell. Mr. Perry has for years acted as traveling auditor for the Southern Pacific Company and is an all around transportation man. Mr. Ernest E. Howell has also engaged in the railroad business in the capacity of freight agent.

The Federal Transfer and Draying Co. has purchased a number of automobile trucks for both heavy and light hauling. They are at present figuring on 140,000 yards of crushed rock for a large firm in this city and have several other large contracts in prospect.

The new firm prophesies great activity for the city and particularly the transfer and draying business. Both members of the firm are closely connected with a number of large builders and will sign several large contracts within a short time.

Figures Opened By Exposition.

Bids Received For Steel Work on Main Entrance Tower, Paving and Warehouse Construction.

Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. on Thursday for furnishing, fabricating and erecting the structural steel and iron for the Main Entrance Tower, for the paving of the East Roadway to Fillmore street and for the construction of Warehouses Nos. 3 and 4. Separate figures were asked for on the steel work as follows: Proposition A, furnishing and fabricating and Proposition B, for erecting. The following is a complete list of the figures as opened:

Furnishing and Fabricating Steel for Main Entrance Tower.
U. S. Steel Products Co., \$207,149
Milliken Bros., Inc., 231,153
Receiving and Erecting Steel.
Smith-Rice & Co., \$33,000
J. Monk, 68,538

Paving East Roadway to Fillmore Street Entrance.
Raisch Imp Co., \$10½
Flynn & Treacy, 18-100
William Gunn & Co., 14
Construction Warehouses Nos. 3 and 4.
F. W. McClenahan, \$9,300
Monson Bros., 12,500
Pringle-Dunn & Co., 11,950
Burt T. Owsley, 11,700
C. M. & Frank Lindsay, 10,625
J. Monk, 7,940
Foster-Vogt Co., 11,297
R. J. Duffy, 9,881
Strehlow-Freese & Peterson, 12,945
E. F. Burke, 11,200
Commary-Peterson & Co., 9,882

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
2708	Deamer	Heigner	9800
2709	Prat	Nelson	1320
2710	Bothin	Ruderman	2820
2711	Ingginbotham	Gasty	4475
2712	Flynn	Evans	3700
2713	Haufe	Eckert	4000
2714	Cavaglieri	Cavaglieri	1000
2715	Same	Same	1000
2716	Schnipper	Schnipper	2000
2717	Damiano	Same	1000
2718	Basch	Billingson	1000
2719	Leale	Boyer	800
2720	Keenan	Keenan	4500
2721	Jewett	Dowdy	1150
2722	Downey	Same	500
2723	Adams	Adams	500
2724	Marcello	Marcello	1000
2725	Rushion	Rushion	7500
2726	Same	Same	1000
2727	Oyster Loaf	Novelty	1500
2728	Hager	Eisenhart	500
2729	Metro Invt	Owner	12500
2730	Schilling	Bader	600
2731	McDiarmid	McDiarmid	700
2732	Nimrat	Nimrat	500
2733	Shipper	Shipper	1800
2734	Johnson	Johnson	2987
2735	Slack	Peterson	7500
2736	Same	Petersen	432
2737	Same	Leaf	1060
2738	Luckett	Fletcher	9146
2739	Phelan	Same	17100
2740	Ford	Pac Ext	700
2741	Ogle	Fletcher	4709
2742	Drexler	Rex Elec	1087
2743	Same	Shook	2650
2744	Same	Products	1200
2745	Same	Sutton	1550
2746	Same	Lyden	5400
2747	Same	Clinton	14508
2748	Porter	Martin	3250
2749	Whelan	Petersen	5200
2750	Starr	Clark	7960
2751	Cardinale	Cardinale	800
2752	Carr	Rednal	1000
2753	Pichap	Pielnap	700
2754	Yee Gim	Yee Gim	400
2755	Kelly	Kelly	500
2756	Tielsenberg	Kincanon	18000
2757	Same	Same	18000
2758	Anderson	Anderson	5500
2759	Webb	Parry	1000
2760	Same	Same	1000
2761	Lurman	Lurman	900
2762	Frank	Frank	1800
2763	De Martini	Segale	1000
2764	Dragon	Brumfield	500
2765	Same	Same	500
2766	O'Brien	O'Brien	500
2767	Monson	Monson	1600
2768	Murphy	Dempsey	800
2769	Atwater	Atwater	4600
2770	Boschett	Same	4600
2771	Low	Houle	2672
2772	Fisher	Fisher	5000
2773	Barry	Barry	8000
2774	Scully	Terry	1500
2775	Peppert	Peppert	500
2776	Ciravolo	M. Natall	600
2777	Furness	Furness	500
2778	Baker	Baker	500
2779	Ellis	Ellis	9000
2780	Stewart	W'n Iron Wks	1412
2781	Conlin	Mahony	20000
2782	Elsen	Lansing	1500
2783	Atwater	Atwater	13000
2784	Van Ness Rlty	Sampson	80000
2785	Acme Brgw	Doty	5000
2786	Jones	Jarvis	2000
2787	Hornay	Hornay	1800
2788	Arieta	Arieta	6000
2789	Runcallo	Cunco	2000
2790	Asselin	Parko	2000
2791	Euler	McFarland	4500
2792	Corbelli	Corbelli	4000

2793 Westgate ...Fed'l Constr 9825
2794 PlanteFernsworth 5835

(2708) W FOURTEENTH AVE 100 N
Geary N 50xW 127-6 OL 195. All
work for two-story frame dwelling.
Owner.....R. F. Beamer.
Architect...A. H. Thompson.
Contractor..J. L. Helper
Filed July 28, '13 Dated July 24, '13.
Frame up\$2450
Building plastered 2450
Completed 2450
Usual 35 days..... 2450
TOTAL COST, \$9800
Bond, \$2450. Surety, National Surety
Co. Limit, 90 days. Forfeit, \$5. Plans
and specifications filed.

(2709) SW EIGHTEENTH AND LEX-
ington 30x85. Brick work, underpin-
ning and retaining walls of adjoining
property for two-story brick and
frame building.
Owner.....E. Prat, 2449 Mission, S. F.
Architect...John Fahey, 46 Kearny,
San Francisco.
Contractor..Louis Metter, 157 Albion
Ave., San Francisco.
Sub-Contractor..E. K. Nelson.
Filed July 28, '13. Dated July 12, '13.
All underpinning, retaining and
basement walls finished.....\$330
First story walls finished..... 330
Completed and accepted..... 330
Usual 35 days..... 330
TOTAL COST, \$1320
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications, none.

(2710) SE GREEN & POLK. Paint-
ing, staining and decorating for 4-
story Class "C" stores and apart-
ments.
Owner.....Bothin Realty Co., 602
Mission, San Francisco.
Architect...John Ettler, 602 Mission,
San Francisco.
Contractor..J. Ruderman, 2763 Bush,
San Francisco.
Not filed. Dated July 26, '13.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2820
Bond, limit, forfeit, plans and spec-
ifications, none.

(2711) N SIXTEENTH 80-6 E Castro
N 30 W 70-6 N 15 E 2 N 10 E 25 S 55
— 19-6. All work except painting,
mantels, shades and light fixtures
for three-story and basement frame
flats.
Owner.....Lucy Higginbotham
Architect...August Nordin, Mills Bld.,
San Francisco.
Contractor..John Casty, 327 Brazil
Ave., San Francisco.
Filed July 28, '13. Dated July 24, '13.
Frame up and enclosed and roof
sheathed\$1150
Floors laid, window frames set
and brown coated 1107
Completed and accepted..... 1100
Usual 35 days..... 1119
TOTAL COST, \$4476
Bond, \$2238. Sureties, Gottlieb Grau
and Peter Streiff. Limit, 90 days.
Forfeit, \$10. Plans and specifications
filed.

(2712) W CURTIS 123 S Rolph being
Lot 10 Bk 6 Crocker Amazon Tract.
All work for one and one-half-story
frame residence.
Owner.....Jas. and Cathryn Flynn,
281 25th, San Francisco.
Architect...O. E. Evans.

Contractor...O. E. Evans, 2367 Mission,
San Francisco.

Filed July 28, '13. Dated May 27, '13.
Frame up\$ 575
Brown coated 575
Completed and accepted..... 575
Usual 35 days..... 575
Balance secured by deed of trust
interest 7%..... 1400
TOTAL COST, \$3700
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

(2713) E TWENTY-FIRST AVE 200 S
Clement. Two-story and basement
frame residence.
Owner.....C. W. Haufe, 2900 Bush,
San Francisco.
Architect...None.
Contractor..Haufe & Eckert, 2900 Bush
San Francisco.

COST, \$4000

(2714) N RIPLEY 250 E Folsom.
One-story and basement frame dwlg.
Owner.....G. Cavaglieri, 593 Potrero
Ave., San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$1000

(2715) N RIPLEY 225 E Folsom.
One-story and basement frame dwlg.
Owner.....G. Cavaglieri, 593 Potrero
Ave., San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$1000

(2716) S PERALTA 75 E Franconia.
One and one-half-story and basement
frame dwelling.
Owner.....H. Schnipper, 150 Peralta
Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(2717) S EIGHTEENTH 100 W De
De Haro. One-story and basement
frame dwelling.
Owner.....P. Damiano, 335 Arkansas,
San Francisco.
Architect...None.
Day's work. COST, \$1000

(2718) NE TWENTY-FIFTH AND
Kansas. Remove present floor and
joists, excavate and rat proof under
present tenements and new founda-
tion.
Owner.....James Basch, 12 Geary,
San Francisco.
Architect...None.
Contractor..Ellingson & Holt, 3577
26th, San Francisco.

COST, \$1000

(2719) NO. 2475 PICIFIC AVE. Add
bay window, alter interior of resi-
dence.
Owner.....Capt. Leale, Premises.
Architect...W. H. Dolliver, Royal In-
surance Bldg., S. F.
Contractor..Hoyer & Sons, 2407 Cal-
ifornia, San Francisco.

COST, \$800

(2720) N HAYES 152-6 W Central Ave.
Two-story and basement frame (2)
flats.
Owner.....C. J. & W. J. Keenan,
Hayes and Masonic Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$4600

(2721) E JOHNSON 300 S Geary. One
story and basement frame dwelling.
Owner.....F. T. Jewett, 25 Johnston
Ave., San Francisco.
Architect...None.
Day's work. COST, \$100

(2722) S MINNA 75 W First One-
story and basement store.
Owner.....Andrew Downey, Premises
Architect...None.
Day's work. COST, \$1150

(2723) NO. 330 MADRID. Alter roof
and add to residence.
Owner.....Geo. I. Adams, Premises.
Architect...None.
Day's work. COST, \$500

(2724) SE SAN JOSE AVE AND FAR-
ragut. One-story and basement
frame dwelling.
Owner.....J. Marcollo, 837 North
Point, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2725) W NINTH AVE 175 S Cabrillo.
Two-story and basement frame flats.
Owner.....C. A. Rushton, 714 9th Ave.
San Francisco.
Architect...None.
Day's work. COST, \$5000

(2726) W NINTH AVE 150 S Cabrillo.
Two-story and basement frame flats.
Owner.....C. A. Rushton, 714 9th Ave.
San Francisco.
Architect...None.
Day's work. COST, \$5000

(2727) NO. 920 MARKET. Erect mar-
quise.
Owner.....Oyster Loaf Co., Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$1500

(2728) SE EIGHTEENTH AND COL-
lingwood. Install brick bake oven.
Owner.....A. Hager, Premises.
Architect...None.
Contractor..John Eisenhart, 921 Phe-
lan Bldg., San Francisco.
COST, \$500

(2729) SW HYDE & SACRAMENTO.
Two-story and basement frame (9)
flats.
Owner.....Metropolis Investment Co.,
353 Bush, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Day's work. COST, \$12,500

(2730) SW MINNESOTA AND 20TH.
One-story frame shed.
Owner.....C. Schilling Co., Premises.
Architect...John H. Powers, 460 Mont-
gomery, San Francisco.
Contractor..John Biller, 460 Mont-
gomery, San Francisco.
COST, \$600

(2731) E BANKS 25 N Eugenia. One-
story and basement frame dwlg.
Owner.....W. G. McDiarmid, 56 Ells-
worth, San Francisco.
Architect...None.
Day's work. COST, \$700

(2732) NO. 102 BUENA VISTA TER-
race. Alter and add to residence.
Owner.....F. Nimmrat, Premises.
Architect...None.
Day's work. COST, \$500

(2733) E RHODE ISLAND 104 S 18th.
One-story and basement frame dwlg.
Owner.....John Shipper, 71 Brosnan,
San Francisco.
Architect...None.
Day's work..... COST, \$1800

(2734) E TWENTY-SIXTH AVE 250
N Judah. Two-story and basement
frame residence.
Owner.....J. T. Johnson, J. E. Bran-
nagh and T. A. Cuthbertson
442 14th, San Francisco.
Architect...None
Contractor..Johnson & Co., 442 14th,
S. F. COST, \$2987

(2735) N GREEN 86-6 E Baker E 26 N
112-6 W 25 S 25 W 1 S 87-6. Con-
crete and artificial stone pavement,
brick work, iron, vermin and fire pro-
tection in walls, carpenter, stairs,
hardware for two-story, basement
and attic frame flats.
Owner.....Robina R. Slack.
Architect...Bernard J. Joseph, 1st Na-
tional Bank Bldg., S. F.
Contractor..L. A. Hinson, 180 Jessie,
San Francisco.
Filed July 29, '13. Dated July 22, '13.
Frame up, sheathing on walls and
roof and rough floors laid.....\$1000
Window frames set, exterior
boarding, shingling, etc., on and
ready for lathing..... 1500
Standing finish in position..... 1500
Completed and accepted..... 1895
Usual 35 days..... 1965
TOTAL COST, \$7860

Bond, \$3950. Surety, The Aetna Ac-
cident & Liability Co. Limit, 100 days.
Forfeit, none. Plans and specifications
filed.

(2736) SEWERING, PLUMBING AND
gas fitting on above.
Contractor..Petersen-James Co., Inc.,
710 Larkin, San Francisco.
Filed July 29, '13. Dated July 22, '13.
Roughing in completed.....\$300
Completed and accepted..... 299
Usual 35 days..... 233
TOTAL COST, \$932

Bond, \$475. Sureties, J. H. Wright and
R. W. Kinney. Limit, 40 days. Forfeit,
none. Plans and specifications filed

(2737) LATHING AND PLASTER ON
above
Contractor..Leaf & Kaiser, 180 Jessie,
San Francisco.
Filed July 29, '13. Dated July 22, '13.
Lathing completed\$295
Completed and accepted..... 265
Usual 35 days..... 255
TOTAL COST, \$1060

Bond, \$530. Sureties, Clinton Jones
and O. F. Larson. Limit, 40 days. Forfeit,
none. Plans and specifications
filed

(2738) SE GREEN AND BRODERICK E
105xS 27-6. All work except plumb-
ing, heating, painting and finish
hardware for two frame residences.
Owner.....Kate Luckett.
Architect...Chas. C. Frye, 20 Mont-
gomery, San Francisco.
Contractor..Jas. P. Fletcher, Lick Bldg.,
San Francisco.
Filed July 29, '13. Dated July 25, '13.
1st floor joists and rough floors
completed\$1714
Buildings enclosed 1715
Brown coated 1715
Completed and accepted..... 1715
Usual 35 days..... 2287
TOTAL COST, \$9146

Bond, \$5000. Sureties, E. J. Gallagher
and G. Berson. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(2739) W FOURTH AND JESSIE NW
75xSW 75. Plumbing, sewer, gas
fitting, plumbing fixtures, hot water
circulating piping system, tanks, etc.,
hose reels for eight-story and base-
ment steel frame Class "C" building.
Owner.....Mary L. Phelan.
Architect...Wm. Curlett & Son, Phen-
lan Bldg., S. F.
Contractor..Frederick W. Snook Co.,
596 Clay, San Francisco.
Filed July 29, '13. Dated July 23, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$17,100

Bond, \$8550. Surety, United States Fi-
delity & Guaranty Co. Limit, 30 days
after notified. Forfeit, none. Plans
and specifications filed.

(2740) LOCATION NOT GIVEN. 1300
Grinnell automatic sprinklers for 5-
story and basement reinforced con-
crete building.
Owner.....Ford Motor Co., 100 Van
Ness Ave., San Francisco.
Architect...None.
Contractor..Pacific Fire Extinguisher
Co., 507 Montgomery, S. F.
Filed July 29, '13. Dated July 18, '13.
Payments not given.....
COST, \$5.85 EACH
Bond, limit, forfeit, none. Specifications
only filed.

(2741) W DEVISADERO 52-6 S Fil-
bert W 112-6xS 30. All work except
concrete, plumbing, painting, heating
and finish hardware for two-story
frame residence and garage.
Owner.....Rose T. Ogle.
Architect...Chas. C. Frye, 20 Mont-
gomery, San Francisco.
Contractor..Jas. P. Fletcher, Lick Bldg
San Francisco.
Filed July 29, '13. Dated July 19, '13.
2nd floor joists in place and rough
floors laid\$ 800
Roof completed and building en-
closed 800
Brown coated 9
Building and garage completed
and accepted 966
Usual 35 days..... 1178
TOTAL COST, \$4709

Bond, \$2500. Sureties, B. J. Gallagher
and G. Berson. Limit, 90 days. For-
feit, \$5. Plans and specifications filed.

(2742) N WASHINGTON 261-3 1/2 E
107 NW Washington and Kearny N
112 NE 14 SE 136-3 1/2 W 110-4 1/2.
Electric work for two-story store
and office building.
Owner.....Elsie A. Drexler, Kohl
Bldg., by Macdonald &
Kahn, Rialto Bldg., S. F.
Architect...Reid Bros., Cal-Pacific
Bldg., San Francisco.
Contractor..Rex Elec. & Constr. Co.,
Monadnock Bldg., S. F.
Filed July 30, '13. Dated July 9, '13.
On 10th of each month..... 75%
30 days after..... 25%
TOTAL COST, \$1087 50

Bond, limit, forfeit, none. Plans and
specifications filed.

(2743) PLUMBING ON ABOVE.
Contractor..Frederick W. Snook & Co.,
596 Clay, San Francisco.
Filed July 30, '13. Dated July 10, '13.
Payments same as above.....
TOTAL COST, \$2650

Bond, limit, forfeit, none. Plans and
specifications filed.

(2744) SHEET METAL WORK ON
above.
Contractor..U. S. Metal Products Co.,
525 Market, San Francisco.
Filed July 30, '13. Dated July 11, '13.
Payments same as above.....
TOTAL COST, \$1200

Bond, limit, forfeit, none. Plans and
specifications filed.

(2745) INSTALLATION OF STEAM
heating system on above.
Contractor..John G. Sutton Co., 243
Minna, San Francisco.
Filed July 30, '13. Dated July 9, '13.
Payments same as above.....
TOTAL COST, \$1550

Bond, limit, forfeit, none. Plans and
specifications filed.

(2746) PLASTERING AND EXTERIOR
cementing on above.
Contractor..Lyden & Brickell, 269 Fell,
San Francisco.
Filed July 30, '13. Dated July 1, '13.
Payments same as above.....
TOTAL COST, \$5400

Bond, limit, forfeit, none. Plans and
specifications filed.

(2747) CONCRETE WORK ON ABOVE.
Contractor..Clinton Fireproofing Co.,
Mutual Bank Bldg., S. F.
Filed July 30, '13. Dated July 15, '13.
Payments same as above.....
TOTAL COST, \$14,508

Bond, none. Limit, 45 days. Forfeit,
\$10. Plans and specifications filed.

(2748) S PACIFIC AVE 66-9 W Presidio
Ave W 52xS 41-8 1/4. All work ex-
cept plumbing, painting, mantel
pieces and lighting fixtures for alter-
ations and additions to frame dwlg.
Owner.....Robt. C. Porter, Call Bldg.,
San Francisco.
Architect...Henry C. Smith, Humboldt
Bank Bldg., S. F.
Contractor..Wm. Martin.
Filed July 30, '13. Dated July 29, '13.
Additions and partition walls in
place\$825
Plaster completed 825
Completed and accepted..... 825
Usual 35 days..... 845
TOTAL COST, \$3250

Bond, \$1675. Surety, National Surety
Co. Limit, 60 days. Forfeit, none.
Plans and specifications filed.

(2749) SE HOWARD 100 NW Eighth
SE 85xSW 100 100 v Blk 416. Brick
work, iron, steel, heating pipes,
thermometer, steam pipes, smoke and
steam dampers and all work for 3
Petersen wide mouth door ovens, ex-
cept foundations, chimneys, steam
connections, etc., in building.
Owner.....Richard L. Whelan.
Architect...Welsh & Carey, Merchants'
National Bank Bldg., S. F.
Contractor..The Petersen Oven Co., 508
Mendocino Bldg., S. F.
Filed July 30, '13. Dated July 28, '13.
On receipt of iron materials.....\$1300
After completion of hearths..... 1200
Completed and accepted..... 1200
Usual 35 days..... 1400
TOTAL COST, \$5200

Bond, \$2600. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 30 days.
Forfeit, none. Plans and specifications
none.

(2750) SE SUTTER AND JONES S 100x87 72. Architectural terra cotta for six-story and basement building. Owner.....Starr & Larsen.

Architect...Frederick H. Meyer, Bankers' Investment Bldg., S. F. Contractor...N. Clark & Sons, 116 Natoma, San Francisco.

Filed July 30, '13. Dated July 18, '13. Terra cotta set to fourth floor. \$2000
Terra cotta completed 2000
Usual 35 days..... 3960

TOTAL COST, \$7960

Bond, \$3980. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2751) W ARKANSAS 141 N 23rd.

One-story and basement frame dwlg. Owner.....V. Cardinale, Premises. Architect...None.

Day's work. COST, \$800

(2752) NO. 2628 BRODERICK. Construct garage in basement and add porch.

Owner.....A. L. Carr, Premises. Architect...None.

Contractor...W. W. Rednall, 2500 Filbert, San Francisco.

COST, \$1000

(2753) W BOCANA 20 N Cortland Ave

Add to and alter front of residence. Owner.....P. R. Pielhop, 249 Cortland Ave., San Francisco.

Architect...None.

Day's work. COST, \$700

(2754) NO. 864 GRANT AVE. Erect partition.

Owner.....Yee Gim, Premises. Architect...None.

Day's work. COST, \$400

(2755) N HANCOCK 155 E Noe. General repairs to residence.

Owner.....Lottle E. Kelly, 3317 18th, San Francisco.

Architect...None.

Day's work. COST, \$500

(2756) S TURK 67-6 E Polk. Three-story and basement concrete (12) apartments.

Owner.....Theodore Beilenberg, 1676 Fulton, San Francisco.

Architect...None.

Contractor...J. G. Kincaenon, 1676 Fulton, San Francisco.

COST, \$18,000

(2757) S TURK 27-6 E Polk. Three-story concrete (12) apartments.

Owner.....Theodore Beilenberg, 1676 Fulton, San Francisco.

Architect...None.

Contractor...J. G. Kincaenon, 1676 Fulton, San Francisco.

COST, \$18,000

(2758) E FIFTEENTH AVE 125 N California. Two-story and basement frame (2) flats.

Owner.....O. E. Anderson, 2376 Fulton, San Francisco.

Architect...E. F. Helms, 1334 Church, San Francisco.

Day's work. COST, \$5500

(2759) E PUTMAN 150 N Jarboe. One-story and basement frame dwlg.

Owner.....F. R. Webb and W Reinhardt, 3375 Mission, S. F.

Architect...None.

Contractor...F. Parry, 22 Raymond Ave., San Francisco.

COST, \$1000

(2760) E PUTMAN 125 N Jarboe.

One-story and basement frame dwlg.

Owner.....F. R. Webb and W Reinhardt, 3375 Mission, S. F.

Architect...None.

Contractor...F. Parry, 22 Raymond Ave., San Francisco.

COST, \$1000

(2761) E JUNIPER 200 N Bryant.

One-story frame shed.

Owner.....Chas. F. Lurmann, 2700 22nd, San Francisco.

Architect...None.

Day's work. COST, \$900

(2762) SE EDINBURGH 225 SW Brazil

One and one-half-story and basement frame dwelling.

Owner.....A. R. Frank, 4601 Mission, San Francisco.

Architect...None.

Day's work. COST, \$1800

(2763) NW CHENERY 325 NE Whitney. One-story and basement frame residence.

Owner.....Rose De Martini, 40 Arlington, San Francisco.

Architect...Paul F. De Martini, 451 Columbus Ave., S. F.

Contractor...De Martini & Segale, 274 29th, San Francisco.

COST, \$1000

(2764) No. 920 MARKET. Electric sign.

Owner.....The Dragon Restaurant, Preises.

Architect...None.

Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$500

(2765) NO. 59 EDDY. Electric sign.

Owner.....The Dragon, Premises.

Architect...None.

Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$500

(2766) N RANDALL 50 W Dame.

One-story and basement frame dwlg.

Owner.....Andrew O'Brien, 114 Valley, San Francisco.

Architect...None.

Day's work. COST, \$500

(2767) SE LAIDLEY 97-11 NE Castro.

One and one-half-story and basement frame dwelling.

Owner.....F. Monson, 865 Church, San Francisco.

Architect...None.

Day's work. COST, \$1600

(2768) NW DE HARO AND TWENTY-fourth. One-story and basement frame dwelling.

Owner.....John Murphy, 2126 24th, San Francisco.

Architect...None.

Contractor...B. C. Dempsey, 2133 24th, San Francisco.

COST, \$800

(2769) S CLINTON PARK 140 W Guerrero. One-story and basement frame dwelling.

Owner.....Mrs. Mae Atwater, 331 Octavia, San Francisco.

Architect...None.

Day's work. COST, \$500

(2770) N LOMBARD 82-6 E Jones E 27xN 100. All work except gas fixtures, shades and finish hardware for three-story frame flats.

Owner.....Ettore Boschetti, Prem.

Architect...L. Traverso, 845 Union, San Francisco.

Contractor...Giovanni Chiappe, Vincent Place, San Francisco.

Filed July 31, '13. Dated July 30, '13.

Enclosed and roof on.....\$1150

Brown coated 1150

Completed and accepted..... 1150

Usual 35 days..... 1150

TOTAL COST, \$4600

Bond, \$2300. Sureties, John P. Demartini and Louis G. Brizzolara.

Limit, 75 days after July 31. Forfeit, none. Plans and specifications filed.

(2771) W TWENTY-THIRD AVE 150 N Ulloa N 25xW 120 OL 1174.

Concrete work, carpenter, painting, plastering, plumbing, mosaic, etc., for two-story frame residence.

Owner.....Wm. J. Lowe, 1633 Haight, San Francisco.

Architect...None.

Contractor...David Houle, 660 Market, San Francisco.

Filed July 31, '13. Dated July 31, '13.

Frame up\$668.10

Brown coated 668.10

Completed 668.10

Usual 35 days..... 668.10

TOTAL COST, \$2672.50

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2772) FOREST HILL LOT 15 BLK 14 Two-story and basement frame residence.

Owner.....M. Fisher, 105 Montgomery, San Francisco.

Architect...D. C. Coleman, Metropolis Bank Bldg., S. F.

Contractor...M. Fisher, 105 Montgomery, San Francisco.

COST, \$5000

(2773) N GREEN 166-3 W Larkin. Three-story and basement frame (2) flats.

Owner.....Thomas F. Barry, 3641 29th, San Francisco.

Architect...None.

Day's work. COST, \$8000

(2774) N GREEN 137-6 E Hyde. Add two rooms to dwelling.

Owner.....M. J. Scully et al, 1156 Green, San Francisco.

Owner.....J. H. Power, 460 Montgomery, San Francisco.

Contractor...W. F. Terry, 2948 Octavia San Francisco.

COST, \$900

(2775) NO. 150 LYELL. Add three rooms to residence.

Owner.....F. Peppert, Premises.

Architect...None.

Day's work. COST, \$500

(2776) NO. 350 UNION. Raise flats, minor changes and additions.

Owner.....A. Ciravolo, Premises.

Architect...None.

Contractor...S. Di Natali, 575 Filbert, San Francisco.

COST, \$600

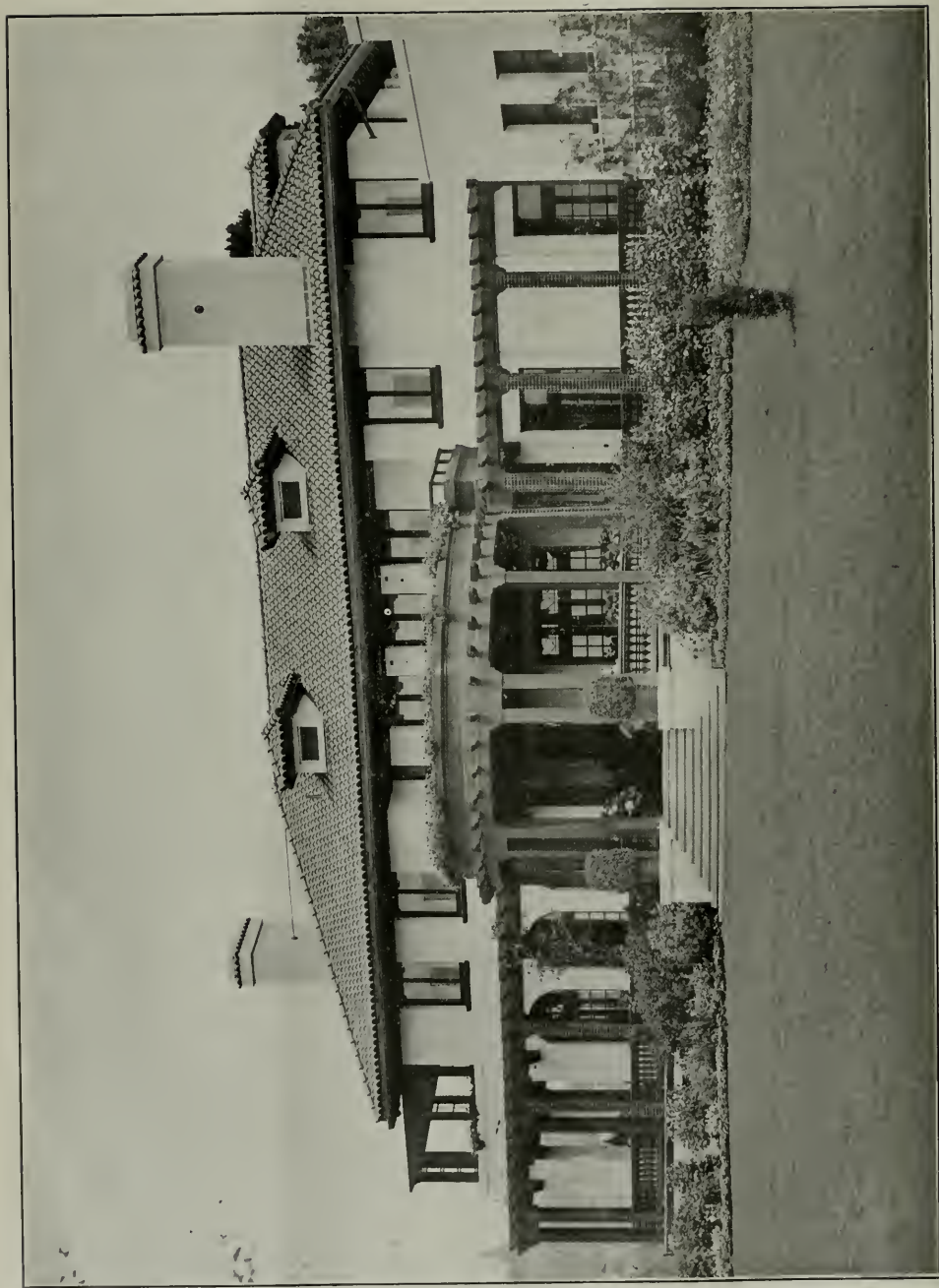
(2777) NO. 1365 FORTY-THIRD AVE. Add one story to frame dwelling.

Owner.....G. Furness, Premises.

Architect...None.

Day's work. COST, \$500





SUMMER HOME FOR W. T. SESNON.
Soquel, California

Ward & Blohme, Architects
San Francisco

'PINO ALTO'
SUMMER RESIDENCE
OF
MR. W^M T. SESNON
AT SOQUEL, CALIFORNIA
WARD & BLOHME ARCHTS
SF. CALIF.

SECOND FLOOR PLAN

FIRST FLOOR PLAN

BLOCK PLAN OF SUMMER HOME FOR W. T. SESNON
Soquel, California

Ward & Blohme, Architects
San Francisco

(2778) NO. 2820 UNION. Raise residence 10 feet, make alterations and additions.

Owner.....Dorethea Baker, 1256 Leavenworth, S. F.
Architect...None.
Day's work. COST, \$1500

(2779) SW LAKE AND ELEVENTH Ave. Three-story and basement frame (6) flats.

Owner.....Charles Ellis, 500 Clunie Bldg., San Francisco.
Architect...Salfield & Kohlberg, 500 Clunie Bldg., S. F.
Day's work. COST, \$9000
NOTE:—Interior work being done.

(2780) S GEARY 137-6 E Mason E 37-6xS 137-6. Steel work for eighth story of annex to present Hotel Stewart.

Owner.....Stewart Estate Co.
Architect...Cunningham & Politeo 1st National Bank Bldg., S. F.
Contractor...Western Iron Works, 123 Beale, San Francisco.

Filed Aug. 1, '13. Dated July 29, '13.
On 1st and 15th of each month. 75%
Usual 35 days..... 25%

TOTAL COST, \$1412
Bond, \$706. Sureties, M. F. Gale and Jas. A. Wilson. Limit, 30 days after July 30. Forfeited, \$50. Plans and specifications filed

(2781) N NATOMA 125 W Fifth. Three-story and basement brick shop and loft building.

Owner.....James Conlin, 414 Natoma San Francisco.
Architect...R. H. Nass.
Contractor...Mahony Bros., 923 Crocker Bldg., San Francisco.
COST, \$20,000

(2782) W DEVISADERO 35 S Ellis. Three-story frame (12) apartments and stores.

Owner.....Mrs. J. W. Elsen.
Architect...E. E. Young, 251 Kearny, San Francisco
Contractor...Frank P. Lansing, 1918 Fell, San Francisco.
COST, \$25,000

(2783) S CLINTON PARK 140 W Guerrero. Three-story and basement frame (10) apartments.

Owner.....Mrs. Mary E. Atwater, 331 Octavia, San Francisco.
Architect...Rhodes & Marish, 3372 16th, San Francisco.
Contractor...L. Atwater, 331 Octavia, San Francisco.
COST, \$13,000

(2784) W VAN NESS AVE., running from Geary to Post. Two-story Class "C" show rooms and stores.

Owner.....Van Ness Realty Co., 437 Bankers' Investment Bldg., San Francisco.
Architect...Frederick H. Meyer, 437 Bankers' Invest. Bldg., San Francisco.
Contractor...James S. Sampson, 663 Pacific Bldg., S. F.
COST, \$80,000
NOTE:—Concrete being poured.

(2785) NE FIFTH AND TOWNSEND. Alter and repair one-story brick building.

Owner.....Acme Brewing Co., 1401 Sansome, San Francisco.
Architect...None.

Contractor...C. E. Doty, 361 59th. Okd. COST, \$5000

(2786) NOS. 27-29-31 LIBERTY. Three-story dwelling to be altered into apartments. New baths, kitchens, porches, stairs and other minor repairs.

Owner.....Mrs. M. B. Jones, Prem.
Architect...None.
Contractor...J. Mc I. Javirs, 3641 24th, San Francisco
COST, \$2000

(2787) N ROTTECK 259 E Bosworth. One-story frame store.

Owner.....A. Hormay, 108 Sunnyside Ave., San Francisco.
Architect...None.
Contractor...J. Miller, 82 Rotteck, San Francisco.
COST, \$1800

(2788) S UNION 90 E Grant Ave. Three-story and basement frame (6) flats.

Owner.....Carmelo Arieta.
Architect...J. Devenenzi, 1609 Union, San Francisco.
Day's work. COST, \$6000

(2789) NO. 119 SECOND AVE. Move and alter stable and cottage.

Owner.....Guiseppe Runcallo, Prem.
Architect...None.
Contractor...Wm. J. Cuneo, 686 Capp, San Francisco.
COST, \$2000

(2790) N KIRKHAM 95 E 14th Ave. Two-story and basement frame residence.

Owner.....J. H. Asselin, 670 Oak, San Francisco.
Architect...None.
Contractor...W. Parks, 1301 Gough, San Francisco.

COST, \$2000

(2791) W STONE 157-6 S Jackson. Two-story brick (4) flats.

Owner.....Henry Euler, 1511 Lyon, San Francisco.
Architect...None.
Contractor...Chas. Oberfeld, 178 Clayton and M. O. Goodner, 209 Builders' Exchange Bldg., San Francisco.
COST, \$4200

(2792) N PACIFIC 114-6 W Jones. Two-story frame residence.

Owner.....A. Corbelli, 1309 Kearny, San Francisco.
Architect...Chas. Fantoni, 906 Kearny, San Francisco.
Day's work. COST, \$1000

(2793) LOS ANGELES AVE., bet Corbett and San Buena, Ventura Way, Los Angeles Ave. South, bet. San Buena, Ventura Way and Santa Clara Ave.; San Buena, Ventura Way from Los Angeles Ave. to Los Angeles Ave. South and ptn of St. Francis Plaza, etc. All work for asphaltic concrete pavement.

Owner.....Westgate Park Co.
Consulting Engineer...Geo. B. Sturgeon, Berkeley.
Contractor...Federal Constr. Co.
Filed Aug. 2, '13. Dated July 30, '13.
As work progresses..... 75%
30 days 25%
TOTAL COST, \$9825
Bond, \$5000. Surety, New England Casualty Co. Limit, 120 days. Forfeited, \$20. Plans and specifications filed.

(2794) E SHARON 100 S 15th E 125 xS 25. All work except painting, mantels, shades and light fixtures for three-story and basement frame residence.

Owner.....J. H. Plante, 15 Sharon Bldg., San Francisco.
Architect...August Nordin, Mills Bldg San Francisco.
Contractor...Fernsworth & Hall, 4065 19th, San Francisco.

Filed Aug. 2, '13. Dated July 29, '13.
Frame up, enclosed and roof sheathed\$1469
Floors laid, window frames set and brown coated 1458
Completed and accepted 1458
Usual 35 days..... 1459

TOTAL COST, \$5885
Bond, \$2917. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeited, \$10. Plans and specifications filed.

BUILDING OPERATIONS.

Private building activities throughout the city for the past week, from July 18th to July 25th, as reported by the Bureau of Building Inspection of the Board of Public Works, show a total of 113 permits issued, amounting to \$382,403.00.

Complete report as follows:

Class	No. of Bldgs.	Amount
"B"	1	\$ 60,000.00
"C"	3	83,050.00
Frames	38	199,949.00
Alterations, Repairs	71	39,404.00
	112	\$382,403.00

PRIVATE BUILDING OPERATIONS FOR THE MONTH OF JULY.

Private building throughout the city for the month of July, as reported by the Bureau of Building Inspection of the Board of Public Works, show a total of 437 permits issued, amounting to \$1,415,819.

This Bureau also reports that there were during the month of July, 13 applications filed for "Tear Down" permits in the Fire Limits.

Class	No. of Bldgs.	Amount
Class "A"	1	\$ 18,480
Class "B"	3	81,742
Class "C"	21	492,587
Frames	161	657,093
Alter & repair	251	165,287
Total	437	\$1,415,819

REPORT FOR JULY 1912.

Class	No. of Bldgs.	Amount
Class "A"	1	\$125,000
Class "B"	5	469,684
Class "C"	30	945,384
Frames	226	743,816
Alterations	137	168,841
Total	579	\$2,452,725

COMPLETION NOTICES.

San Francisco.

July 24, 1912.—W ARLINGTON AND Charles SW 44-8-3 th defecting to the right 73 deg 21 min 33-5/2 NE 3-8-5 SE 103-7-4. William J. Sullivan to Thomas J. McCormick.
July 26, 1912.—E BARTOL 137 N Broadway 25x25. E Pucnell to Devenenzi Bros & Co., July 25, 1913
JULY 26, 1913.—NE TENTH 61-6 SE Stevenson NE 130 NW 64-6 — 100 th r a SE 130 — 230 th to beg.

Thomas Dying & Cleaning Works to S Saari.....July 17, 1913
 July 26, 1913—SE MARKET 225-14 NE Seventh SE 165-1 to a pt 225-14 NE 50-17 NW 165-1 SW 50-17. San Christina Invst Co to J D Hannah.....July 25, 1913
 July 26, 1913—SE MARKET 45-10 SW Spear SW 45-10 SE 137-6 NW 137-6. Sommer & Kaufman to Sterling Elec Constr Co.....July 19, 1913
 July 26, 1913—S JACKSON 82-6 W Jones. A Penzler to Johnson & Hatland.....July 15, 1913
 July 28, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. John A Lennon to S F Elevator Co.....July 25, 1913
 July 28, 1913—N CROWN TERRACE 161 S Clarendon Ave S 25 W 38.86 N 25.01 E 38.26; Lot 23 Blk "A" Ashby Park Tct. Theodore Gibson to whom it may concern.....July 26, 1913
 July 28, 1913—N OREGON 30 E Davis E 40xN 60. Jeannette A Jordan to William Martin.....July 16, 1913
 July 28, 1913—BLK BDED BY ARMY, Valencia, Duncan and San Jose Av St. Luke's Hospital to John G Sutton Co.....July 19, 1913
 July 28, 1913—SE O'FARRELL AND Carlos; Nos. 243 and 245 O'Farrell K B Winship to Fred C Jones.....July 3, 1913
 July 28, 1913—N FRANCISCO 105-24 Grant Ave 25x68-9. Giovanni Guinasso to D A Martini.....July 28, 1913
 July 28, 1913—S NINETEENTH 37-6 W—W 25 S 85 P Algot Nelson to whom it may concern.....July 28, 1913
 July 29, 1913—N GREEN 137-6 W Larkin W 28-9x145. Thomas F and Nellie G Barry and Thomas F Lyons to Thomas F Barry.....July 28, 1913
 July 29, 1913—S BUSH 137-6 W Powell S 137-6xW 46. Walter J O'Brien to John Spargo.....July 28, 1913
 July 29, 1913—NW BUSH & SANSOME N 137-6xW 67-6. Standard Oil Co to J E O'Mara, Hooper & Dembrink Art Glass Co.....July 25, 1913
 July 29, 1913—NE SEVENTEENTH & Hampshire E 200xN 133-7. The Lux School of Industrial Training to C C Morehouse.....July 26, 1913
 July 29, 1913—E TWELFTH AVE 125 S Anza S 25xE 120. Alfred T Morris to whom it may concern.....July 28, 1913
 July 31, 1913—SE FELL AND Buchanan S 90xE 27-6. Maria Dunn to John Little.....July 30, 1913
 July 31, 1913—S SUTTER 62-6 E Hyde E 25xS 87-6. D M Richards Realty Co to Frederick W Snook & Co, July 23; H Maundrell, July 22, '13
 July 31, 1913—SE FOURTEENTH & Ramona Ave 30x75. E A Knoopt to whom it may concern.....July 31, '13
 July 31, 1913—N BROADWAY 97-6 E Franklin E 27-6xN 137-6. Mrs Leopold Hirsch to M M Finlayson and W H Myers.....July 30, 1913
 July 31, 1913—FOURTH & MARKET Pacific Bldg. Lobby. Lewis Sample Shoe Co to Braas & Kuhn Co.....July 24, 1913
 July 30, 1913—SE TEIAMA 425 SW Fifth SW 27-6xSE 80. Mary Ann Quinn to whom it may concern.....July 28, 1913
 July 30, 1913—S CLEMENT 30 W 26th Ave E 30xS 100. D D or Dave D Shean to T Roy Murray.....July 29, 1913
 July 30, 1913—EXPOSITION SITE.

Panama-Pacific International Exposition Co to Paraffine Paint Co.....July 29, 1913
 Aug. 1, 1913—W DUPONT 77-6 N Pacific N 20xW 72. Estella Altmare to Wm Van Herick and J V Westerland.....Aug. 1, 1913
 Aug. 1, 1913—SE TWENTY-SECOND and Bartlett 80x125. J G Klumpke to C D Rankin.....July 27, 1913
 Aug. 1, 1913—NE VAN NESS AVE and California N 142-23xE 100. Royal Investment Co to Peterson & Rupp.....July 31, 1913
 Aug. 1, 1913—S BUSH 107-6 W Leavenworth W 30x137-6. Harry Palmer to whom it may concern.....Aug. 1, 1913
 Aug. 1, 1913—NW BUSH & SANSOME N 137-6xW 67-6. Standard Oil Co to H W Johns Nanville Co.....July 28, 1913
 Aug. 1, 1913—S ELLIS 110 E Polk E 27-6xS 120. Mrs Joan Muddy to Christiansen & Smith.....Aug. 1, 1913

LIENS FILED.

San Francisco.

July 26, 1913—SE SACRAMENTO & Buchanan E 50xS 127-84. California Plate & Window Glass Co vs Joseph Sokolov\$740.60
 July 26, 1913—S POST 52-6 E Gough E 55xS 137-6. Butte Eng & Elec Co vs Clay M, William and Francis M Greene and Ursula Greene Sawyer\$587.69
 July 28, 1913—SE CLAY & POWELL S 68-9 E 59 N 68-9 W 58. The Daniel O'Day Co vs Ira Coburn and Bert Schlesinger\$609.05
 July 28, 1913—E VAN NESS AVE 50 N Turk N 30 E 100 S 22 W 4 S 8 W 96. D O Church Co vs William Goeggel\$162.15
 July 30, 1913—E VAN NESS AVE 60 N Turk N 30 E 100 S 22 W 4 S 8 W 96. Frank Ingignieri vs William Goeggel and C D Rankin.....\$260
 July 30, 1913—NW SACRAMENTO & Powell N 52xW 91-6. General Eng Co vs Clay M, Wm, Frances M Greene and Ursula Greene Sawyer, First Doe, Second Doe and Third Doe\$137.78
 July 30, 1913—NO 1357 POST S Post bet Franklin and Gough. General Eng Co vs Clay M, Wm, Frances M Greene and Ursula Greene Sawyer, First Doe, Second Doe and Third Doe\$693.21

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$3,000. Alameda Co., Cal. Architect, none. Owner, Werner E. Thorp, 455 Haight Ave., Alameda. The house will contain in the neighborhood of seven rooms, bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel in the living room will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, S. G. Downing. The dwelling will be erected in Claremont Park and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the owner is now taking figures on the various parts of the work.

RESIDENCE — 2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, H. M. Swalley, 745 Wesley Ave., Oakland. The house has been designed to contain eight rooms, bath and sleeping porch, and will be erected at the northwest corner of Wickson and Warfield avenues. Interior finish will be of pine and hardwood. There will be furnace heat and open fire place. Mantel will be of brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have composition floor and tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George P. Baxter. The house will be erected in Claremont Park, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood and white enamel. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the principal rooms. Tile will be used in the kitchen and bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—8 story and base, brick and steel, \$120,000. Oakland, Cal. Architect, Clay M. Burrell, Albany Bldg., Oakland. Owners, Morris & Muller. This work was mentioned here when the architect was first commissioned. The structure will be erected at the northeast corner of 14th and Jefferson streets, covering a large area. Ground floor will contain stores besides the hotel entrance and lobby. Upper floors will be arranged for about 200 guest rooms, a large percentage of which will have connecting baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Bids have been taken for the steel work and plans for the balance of the contract are now out for figures.

Contracts Awarded.

HOTEL—7 story and base, brick and steel, \$75,000. Oakland, Cal. Architects, Oliver & Thomas, Pantages Theatre Bldg., Oakland. Owner, Roger Colt. Contractors, Sommarstrom Bros., 1011 Franklin St., Oakland. Contract price not stated. Note: Contractors are now taking subfigures on the various parts of this work.

HOTEL—7 story and base. Class A construction. Cost not stated. Oakland, Cal. Architects, Bliss & Foyille, Balboa Bldg., S. F. Owners, Oakland Hotel Company, Contractors, P. J. Walker Co., Monadnock Bldg., S. F. This contract is for finishing and altering the upper two stories of the Oakland Hotel. Contract price is stated at \$150,000.

RESIDENCE — 2 story and base, frame, \$20,000. Oakland, Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Edward Beck. Contractors, Powell Bros., Alameda, excavating and foundation work; Schnehy-Hostrawser & Pedgrift, First National Bank Bldg., Oakland, carpentry and plastering; Charles Sturin, Oakland, plumbing. Balance of the work is out for figures.

SCHOOLS — Temporary buildings, frame construction. Cost not stated. Oakland, Cal. Architect, City Architect, J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. Bids opened at the last meeting of the Board of Education show the following men low: Intermediate School and Temporary Science Building, McGinty & Son, \$4,955; Portable Schools, John R. Paulkes, Schools 4, 5, and 6, \$2,640, \$3,300 and \$3,960 respectively, and for the Bay School O. B. Ackerman & Son, \$3,200. A complete list of these figures appears under the heading of Oakland and Alameda County in this issue.

Oakland School Bids Opened.

Bids Opened by Oakland School Board for a Number of Minor Jobs. Contracts Not Awarded.

Bids were opened for the construction of Intermediate School No. 1 and for a temporary science building by the Oakland Board of Education. Bids were also opened at the same time for three portable schools and for a frame building known as the Bay School. A complete list of the bids opened follows:

Intermediate School and Temporary Science Building.

Van Sant-Houghton Co.....	\$5813
McGinty & Son.....	4955
Cederborg & Anderson.....	5072
Christensen Bros.....	6298
Jas. H. Young.....	6480
O. B. Ackerman.....	5722

Portable Schools.

	4 sch	5 sch	6 sch
Burnham Stamford.....	\$3097	\$3871	\$4645
Christensen Bros.....	2168	3960	4752
Cederborg & Anderson.....			
son.....	3622	4527	5432
J. R. Paulkes.....	2640	3300	3960

Bay School.

Christensen Bros.....	\$3445
Cederborg & Anderson.....	4035
O. B. Ackerman & Son.....	3200

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
2220	Sanford	Fenn	2000
2221	Larson	Larson	1500
2222	Albers	Barkhoff	3500
2227	Matraia	Diamond Case	450
2230	Prot Ep Bishop.....	Brookes	600
2231	1st Swed Bab Ch.....	Peterson	700
2232	Port	Port	400
2233	Taylor	Taylor	400
2234	United Bldrs	Owner	1950
2235	King	Walker	13000
2236	Winsor	Smith	3500
2237	Wassman	Alerson	3500
2238	Pfrang	Pfrang	2500
2240	Richmond	Carr	400
2241	Klotz	Kennedy	2000
2242	Smith	Litton	254
2244	Same	Pfrang	2500
2245	Same	Same	2500
2246	Steedman	Ross	2500
2247	Fearens	Silva	1200
2248	Stone	McChesney	3350
2249	Bowles	Van Sant	7000
2251	Swalley	Swalley	5000
2252	Carl	Carl	400
2253	Nelson	Barber	2500
2254	Simonsen	Woodard	14900
2255	Smith	Litton	2584
2257	Ellas	Elias	1600
2258	Oakland Hotel	Walker	150000
2262	Wassman	Murdock	400
2263	Man Wo	Man Wo	600
2264	Mester	Meser	2000
2265	Anderson	Anderson	2500
2266	Farris	Farris	1975
2267	Oakland	McGinty	5000
2268	Lankeman	Harris	2900
2269	Bolts	Bolts	2000
2270	Leach	Reppin	1300
2271	O'Connell	United Bldrs	1725
2273	Westrn Union.....	Roberts	3250
2274	Same	Same	3350
2277	Hannill	Burnett	2500
2278	Robert	Robert	1400
2279	Pearce	Pearce	400
2280	Durst	Durst	20000
2281	Young	Nyman	1000
2282	Laymance	Laymance	8000

(2220) W LUSK 130 S 40th, Oakland.
One-story 5-room dwelling.
Owner.....Mary G. Sanford, 832 30th, Oakland.
Architect...None.
Contractor...Theo. Fenn, 749 61st, Okd.
COST, \$2000

(2221) N E-THIRTY-FIRST 150 W 14th Ave., Oakland. One-story 4-room dwelling.
Owner.....A. G. Larson, 1224 8th Ave Oakland.
Architect...None.
Day's work.
COST, \$1500

(2222) SW E-FOURTEENTH & 72ND Ave., Oakland. Store.
Owner.....H. Albers, 2818 Bush, S. F.
Architect...None.
Contractor...Barkhoff & Taylor, 6509 Raymond, Oakland
COST, \$2000

(2227) FACING ON BROADWAY, SAN Pablo Ave and 16th, Oakland. Store fixtures for four-story Class "A" Department store.
Owner.....Mrs. Agnes Matraia, S. F.
Architect...C. W. Dickey, Central Bank Bldg., Oakland.
Contractor...Diamond Show Case Co., 1617 Mission, S. F.
Filed July 28, '13. Dated July 22, '13.
Fixtures installed and accepted.\$200
Usual 35 days.....250
TOTAL COST, \$450
Bond, none. Limit, July 31. Forfeited, none. Plans and specifications filed.

(2230) SE NICHOL AVE & CAPP, Oakland. Addition.
Owner.....Protestant Episcopal Bishop, San Francisco.
Architect...None.

Contractor...W. R. Brookes, 3325 Peralta Ave., Oakland.
COST, \$600

(2231) NO. 910 TENTH, Oakland. Addition.
Owner.....1st Swedish Baptist Church Premises.
Architect...None.
Contractor...A. Peterson, 1201 19th, Okd
COST, \$700

(2232) NO. 4215 E-FOURTEENTH, Oakland. Alterations.
Owner.....Albert Port Jr.
Architect...None.
Day's work.
COST, \$400

(2233) NO. 1012 BROADWAY, Oakland. Alterations.
Owner.....Montell Taylor, 1700 Webster, Oakland.
Architect...None.
Day's work.
COST, \$400

(2234) W LAKE, Piedmont One story frame residence.
Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.
Day's work.
COST, \$1950

(2235) N TWELFTH 100 W Harrison, Oakland. One-story brick and steel store building.
Owner.....J. H. King, 308 12th, Okd.
Architect...C. W. Dickey, Central Bk. Bldg., Oakland.
Contractor...P. J. Walker Co, Oakland Bank Bldg, Oakland.
COST, \$13,000

(2236) S E-THIRTY-EIGHTH 50 W Randolph Ave., Oakland. Two-story 8-room dwelling.
Owner.....Mary B. Winsor, 3806 Randolph Ave., Oakland.
Architect...None.
Contractor...Clarence S. Smith, 2419 20th, Oakland.
COST, \$3500

(2237) S FORTYFIRST 126 W Broadway, Oakland. Two-story 8-room flats.
Owner.....T. F. Watson, 4059 Broadway, Oakland.
Architect...None.
Contractor...Jno. Anderson, 1422 Broadway, Oakland.
COST, \$3300

(2238) N MANILA AVE 300 W Broadway, Oakland. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work .
COST, \$2500

(2240) NO. 4418 VIRGINIA, Oakland. Addition.
Owner.....C. A. Richmond, Premises.
Architect...None.
Contractor...F. H. Carr, 4316 Virginia, Oakland.
COST, \$400

(2241) NO. 1000 BROADWAY, Oakland. Alterations.
Owner.....Max Klotz, Premises.
Architect...None.
Contractor...F. T. Kennedy, 954 Rose Ave., Piedmont.
COST, \$2000

(2243) NO. 3011 LOGAN, Oakland. One-story 6-room dwelling.

Owner.....H. A. Smith, Premises.
 Architect...None.
 Contractor...Littion & Nielsen, 2326 26th Ave., Oakland.
 COST, \$23584

(2244) W SIXTY-SIXTH 120 S Arthur, Oakland. One-story five-room dwlg.
 Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500

(2245) W SIXTY-SIXTH 80 S Arthur, Oakland. One-story 5-room dwlg.
 Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500

(2246) W EDITH 120 N Jones, Oakland. One-story 5-room dwelling.
 Owner.....J. A. Steedman, 558 Alvarado, Oakland.
 Architect...E. T. Huhn, Humboldt Bk. Bldg., San Francisco.

Contractor...D. N. Ross, 173 Alpine, Oakland
 COST, \$2500

(2247) W SEVENTY-EIGHTH 144 S Rudsdale, Oakland. One-story five-room dwelling.
 Owner.....F. Peareas, — 78th Ave., Oakland.
 Architect...None.
 Contractor...J. R. Silva, Oakland.
 COST, \$1200

(2248) E SAN SEBASTIAN AVE 240 S Hollywood, Oakland. Two-story 6 room dwelling.
 Owner.....Mrs. A. E. Stone, Cor. Versailles & Central Aves., Alameda.
 Architect...None.
 Contractor...W. E. McChesney, 2605 Etna, Berkeley.
 COST, \$3350

(2249) S BROADWAY TERRACE 270.30 E Broadway being Lots 10 and 11 Blk "A" Broadway Terrace, Oakland. All work for two-story and basement dwelling.
 Owner.....Mary A. Bowles, Oakland.
 Architect...Hutchinson Bros., 470 13th Oakland.
 Contractor...R. H. Van Sant, 1st National Bank Bldg., Oakland

Filed July 29, '13. Dated July 29, '13.
 Frame up ¼
 Interior brown coated..... ¼
 Completed and accepted..... ¼
 Usual 35 days..... ¼
 TOTAL COST, \$7000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2251) NW WICKSON & WARFIELD Ave., Oakland. Two-story 8-room dwelling.
 Owner.....H. M. Swalley, 745 Wesley Ave., Oakland.
 Architect...None.
 Day's work. COST, \$5000

(2252) NO. 1921 EIGHTH AVE., Oakland. Addition.
 Owner.....C. F. Carl, Premises.
 Architect...None.
 Day's work. COST, \$400

(2253) S GLENDALE AVE 90 W Desmond, Oakland. One-story 5-room dwelling.
 Owner.....O. E. Nelson, 525 66th, Okd
 Architect...None.

Contractor...D. E. Barber, 1361 Linden, Oakland.
 COST, \$2500

(2254) E SECOND AVE 70 N E-15th, being ptn Lots and 2 and 3 Blk 77 Dr. E. H. Woolsey Tract, Oakland. Carpenter work for three-story frame apartment house.
 Owner.....Grace Simonsen, 10th and Franklin, Oakland.
 Architect...Clay N. Burrell, Albany Block, Oakland.
 Contractor...E. W. Woodard, 1540 Broadway, Oakland.
 Filed July 30, '13. Dated July 28, '13.

Frame up ¼
 Rough plaster on..... ¼
 Completed and accepted..... ¼
 Usual 35 days..... ¼

TOTAL COST, \$14,900
 Bond, none. Limit, 90 days after July 30. Forfeit, \$6. Plans and specifications filed.

(2255) SW LOT 10 MAP THOMAS Bridge Tract 160.14 NW S Cor. said Lot NE 144.23 NW 40.33, Oakland. All work for one-story seven-room dwlg.
 Owner.....H. A. Smith, Oakland.
 Architect...None.
 Contractor...Littion & Nielsen, 2326 26th Ave., Oakland.
 Filed July 30, '13. Dated July 28, '13.

Frame up ¼
 Plastering completed ¼
 Completed and accepted..... ¼
 Usual 25 days..... ¼

TOTAL COST, \$2584
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2257) NW THIRTY-SIXTH AVE & Benner, Oakland. One-story 5-room dwelling.
 Owner.....Elias, 701 36th Ave., Oakland.
 Architect...None.
 Day's work. COST, \$1600

(2258) TWELFTH, THIRTEENTH, Alice and Harrison, Oakland. Alter and complete 7-story hotel.
 Owner.....Oakland Hotel Co., Prem.
 Architect...None.
 Contractor...P. J. Walker Co., Oakland Bank of Svgs Bldg., Okd.
 COST, \$150,000

(2262) NO. 3502 E-FOURTEENTH, Oakland. tank frame.
 Owner.....H. Wassman, Premises.
 Architect...None.
 Contractor...L. W. Murdock, 1310 Webster, Oakland.
 COST, \$100

(2263) NO. 531 WEBSTER, Oakland. Alterations.
 Owner.....Man Wo Co., 301 2nd, Okd.
 Architect...None.
 Day's work. COST, \$600

(2264) NW HILLSDALE & FAIRVIEW Oakland. One-story 5-room dwlg.
 Owner.....Mrs. Marie Mester, 1536 7th, Oakland.
 Architect...None.
 Day's work. COST, \$2000

(2265) E SANTA CLARA AVE 206 S Valle Vista, Oakland. One and one-half-story 6-room dwelling.
 Owner.....C. A. Anderson, 460 Jean, Oakland.
 Architect...None.
 Day's work. COST, \$2500

(2266) W CORONADO AVE 220 N 51st Oakland. One-story 5-room dwlg.
 Owner.....W. A. Farris, 16 Monte Vista Ave., Oakland.
 Architect...None.
 Day's work. COST, \$1975

(2267) SE E-TWENTIETH AND 12TH Ave., Oakland. Two-story 4-room school.
 Owner.....City of Oakland.
 Architect...None.
 Contractor...W. G. McGinty & Son, 669 42nd, Oakland.
 COST, \$5000

(2268) N CHAMPION 200 N Montana, Oakland. One-story 6-room dwelling.
 Owner.....Sophie Lankeman.
 Architect...None.
 Contractor...Harris & Hudson, 1957 E-35th, Oakland.
 COST, \$2900

(2269) N HARPER COURT 170 W 35th Ave., Oakland. One-story 5-room dwelling.
 Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
 Architect...None.
 Day's work. COST, \$2000

(2270) S VESTA 326 E 55th Ave., Oakland. One-story 4-room dwelling.
 Owner.....H. H. Leach.
 Architect...None.
 Contractor...J. B. Peppin, San Leandro
 COST, \$1300

(2271) W THIRTY-SIXTH AVE 583 N E-14th, Oakland. One-story 5-room dwelling.
 Owner.....O'Connell, 1762 Broadway, Oakland.
 Architect...None.
 Contractor...United Home Bldrs., 1762 Broadway, Oakland.
 COST, \$1725

(2273) NE SUNNYSIDE AVE AND Oakdale Ave, Piedmont. All work for two-story dwelling.
 Owner.....Western Union Home Bldrs., 1617 Telegraph Ave., Oakland.
 Architect...None.

Contractor...W. B. Roberts, 1617 Telegraph Ave., Oakland.
 Filed Aug. 1, '13. Dated May 19, '13.
 Owner pays bills.....

TOTAL COST, \$3250
 Bond, none. Limit, 75 days after May 19. Forfeit, none. Plans and specifications filed.

(2274) N SUNNYSLOPE AVE 35.62 E Oakland Ave E 32 N 74.73 NW 32 SE 73.36, Piedmont. All work for two-story dwelling.
 Owner.....Western Union Home Bldrs., 1617 Telegraph Ave., Oakland.
 Architect...None.

Contractor...W. B. Roberts, 1617 Telegraph Ave., Oakland.
 Filed Aug. 1, '13. Dated May 19, '13.
 Owner pays bills.....

TOTAL COST, \$3250
 Bond, none. Limit, 75 days after May 19. Forfeit, none. Plans and specifications filed.

(2277) E WEBSTER 80 S 44th, Oakland. One-story 5-room dwelling.
 Owner.....W. J. Hannill, 1914 Grove, Oakland.

Architect...None.
Contractor...F. L. Burnett, 745 Alleen,
Oakland.

COST, \$2500

(2278) SW HIGHLAND AVE & E-
26th, Oakland. One-story five-room
dwelling.

Owner.....Robert Investment Co.,
1617 Telegraph Ave., Okd.

Architect...None.
Day's work. COST, \$1400

(2279) NO. 2428 E-TWENTY-FIRST,
Oakland. Alterations.

Owner.....Francis Pearce, 2369 E-
23rd, San Francisco.

Architect...None.
Day's work. COST, \$100

(2280) NE TWELFTH AND WASH-
ington, Oakland. Alterations.

Owner.....Durst Bros., 927 Broad-
way, Oakland.

Architect...Walter J. Mathews, 927
Broadway, Oakland.

Day's work. COST, \$20,000

(2281) NO. 2057 AUSTIN, Oakland.
Addition.

Owner.....E. B. Young, Premises.
Architect...None.

Contractor...Jacob Nyman, 2350 83rd
Ave., Oakland.

COST, \$1000

(2282) NW TWELFTH AND WASH-
ington, Oakland. Alterations.

Owner.....M. J. and W. J. Layman
Realty Syndicate Bldg.,
Oakland.

Architect...Walter J. Mathews, 927
Broadway, Oakland.

Day's work. COST, \$8000

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Am't.
2222	Peake	Peake	3000
2224	McCorkle	McCorkle	6200
2225	Roberts	Silva	1000
2226	Craig	Decker	1500
2228	White	House	400
2229	Redfield	Smith	500
2230	Laird	Junk	4000
2242	Findley	Findley	1850
2250	Calinde	Nelson	6500
2256	Frey	Nelson	4350
2259	Heag	Iddings	800
2260	Towart	Porter	1400
2261	Howat	Platt	650
2272	Lugg	Porter	1000
2275	Kidd	House	6500
2276	Gilsenan	Thompson	3256

(2223) E SAN MATEO ROAD 600 N
Indian Rock Ave., Berkeley. One
and one-half-story 6-room dwlg.

Owner.....F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.

Architect...None.
Day's work. COST, \$3000

(2224) S THE UPLANDS 450 E Clare-
mont Ave., Berkeley. Two-story 10-
room dwelling.

Owner.....Ethel K. McCorkle, 47
Alvarado Road, Berkeley.

Architect...None.
Contractor...D. H. McCorkle, 47 Alva-
rado Road, Berkeley.

COST, \$6200

(2225) W KAINS 75 S Camella, Ber-
keley. One-story 5-room dwelling.

Owner.....M. Roberts, 1408 Kains
Ave., Berkeley.

Architect...None.
Contractor...J. P. Silva, 1520 5th, Bkly.

COST, \$1000

(2226) E 1901R 40 S Oregon, Ber-
keley. One-story 4-room dwelling.

Owner.....David Craig, 2603 Fulton,
Berkeley.

Architect...None.
Contractor...C. L. Decker Co., 404 12th,
Oakland.

COST, \$1500

(2228) SE PLAZA DRIVE AND STEPS
Berkeley. Alterations.

Owner.....Mrs. Gertrude White.
Architect...None.

Contractor...Jacob House, 1818 Hearst
Ave., Berkeley.

COST, \$400

(2229) N HEARST 200 E Euclid, Ber-
keley. Bath.

Owner.....Est. Lucretia M. Redfield,
2525 Hearst, Berkeley.

Architect...None.
Contractor...H. C. Smith, 2011 Fran-
cisco, Berkeley.

COST, \$500

(2239) SE COLLEGE AND HASTE,
Berkeley. Alterations and additions.

Owner.....F. J. Laird, Premises.
Architect...None.

Contractor...Junk-Riddell Investment
Co., Berkeley National Bk.
Bldg., Berkeley.

COST, \$4000

(2242) SW JEFFERSON 150 N Dwight
Way, Berkeley. Two-story 6-room
dwelling.

Owner.....Bertha L. Findley, 1628
Dwight Wty, Berkeley.

Architect...None.
Contractor...G. Findley, 1628 Dwight
Way, Berkeley.

COST, \$1950

(2250) W INDIAN ROCK AVE 180 S
San Diego Road, Berkeley. Two-
story 9-room dwelling.

Owner.....Mrs. Marie Calinde & Mrs.
Caroline Condit, 1809 Grant
Berkeley.

Architect...None.
Contractor...Patrick-Nelson Bldg. Co.,
2025 Addison, Berkeley.

COST, \$6500

(2256) E BOWDITCH 70 S Baneroff,
Berkeley. Two-story 6-room flats.

Owner.....Arthur Frey, 2032 Durant,
Berkeley.

Architect...Norman Shaw, 3072 Bate-
man, Berkeley.

Contractor...H. P. Nelson, 2341 Grove,
Berkeley.

COST, \$1350

(2259) W HIGHLAND PLACE 150 N
Ridge Road, Berkeley. Addition.

Owner.....Ida L. Haug, 1732 High-
land Place, Berkeley.

Architect...None.
Contractor...W. W. Iddings, 1805 Cedar
Berkeley.

COST, \$600

(2260) W BUENA VISTA WAY E of
St. Berkeley. One-story 4-room ad-
dition.

Owner.....R. Towart, Premises.
Architect...None.

Contractor...H. H. Porter, 2616 Cedar,
Berkeley.

COST, \$1400

(2261) NO. 2643 DURANT AVE., Ber-
keley. Alterations.

Owner.....R. K. Howat, 2324 Fulton,
Berkeley.

Architect...None.
Contractor...A. Platt.

COST, \$650

(2272) E MABLE 100 N Haskell, Ber-
keley. One-story 3-room dwlg.

Owner.....Arthur Luggs, NE Cor.
Haskell & Mable, Bkly.

Architect...None.
Contractor...Wm. Porter, 1914 Vine,
Berkeley.

COST, \$1000

(2275) LOT 30 BLK 11 Oakridge,
Claremont, Berkeley. All work for
two-story and basement 7-room
dwelling.

Owner.....V. S. Kidd, 2953 Linden
Ave., Berkeley.

Architect...John Hudson Thomas, 1st
National Bank Bldg., Bkly

Contractor...Jacob House, 1818 Hearst
Ave., Berkeley.

Filed Aug. 2, '13. Dated Aug. 1, '13.

Frame up 1/4

Brown coated 1/4

Completed and accepted 1/4

Usual 35 days 1/4

TOTAL COST, \$6500

Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(2276) N 33 FEET LOT 13 and S 10
feet Lot 14 Map Rosemead Tract.
Berkeley. All work for two-story
dwelling.

Owner.....Elizabeth Gilsenan, Okd.
Architect...None.

Contractor...E. A. Thompson.
Filed Aug. 2, '13. Dated Aug. 2, '13

Frame up \$814

Enclosed, roof on, frames set
and 1st coat plaster completed.. \$14

Completed and accepted and
notice filed \$14

Usual 35 days \$14

TOTAL COST, \$3256

Bond, \$1750 Sureties, C. O. Favor and
G. A. Hann. Limit, 90 days. Forfeit,
none. Plans and specifications filed

NOTICE OF NON-RESPONSIBILITY.

Aug. 1, 1913—LOT 6 BLK "K" Map
4th Ave Terrace, Okd. East Pied-
mont Land Co as to improvements
on leased property

ABANDONMENT OF HOMESTEAD.

Aug. 2, 1913—SE HENRY 125 SW
Warren SW50xSE 100, Brooklyn
Tp. Eva M and F A Meyers.....

COMPLETION NOTICES.

ALAMEDA COUNTY

July 26, 1913—E EVELYN 255 N Gil-
man, Bkly. Berkeley Bldg & Mig
Co to F R Peake Co..... July 18, 1913

July 28, 1913—FIRST AND FILBERT
in block bdd by First, Filbert, 3rd
and Linden, Okd. California Fruit
Canners' Ass'n to Carnahan & Mul-
ford

July 26, 1913

July 28, 1913—LOTS 10, 11, 12 and E
1/2 Lot 13 and ptn Lot 7 Blk "G"
Claremont Court, Bkly. Paul O
Tietzen to Currie & Currie.....

..... July 23, 1913

July 28, 1913—LOT 11 BLK 9, Ber-
keley Heights, Bkly. S D Beasley
to A C Lee..... July 24, 1913

July 28, 1913—W TELEGRAPH AVE
102 S 16th S 130 NW 103.95 SW

Get It From Bacon



Foote Mixer on building work.
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The Concrete Mixer of Quality Carried in Stock by EDWARD R. BACON CO. CONTRACTORS EQUIPMENT.

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38-40 NATOMA ST., S. F.

Edward R. Bacon is positively not connected with any other firm.

102.44 N 130 NE 90 NW 5.72 NE
112.89 SE 74 SW 100 SE 100, Okd.
Kahn Realty Co to Monarch Iron
Works.....July 19, 1913
July 29, 1913—BDED ON N BY FIRST,
W 1y Grove, E by Jefferson, S by
lands of City of Oakland, Oakland,
Pacific Gas & Elec Co to Forreder
Cornice Works, July 18; Herman
Bosen.....July 18, 1913
July 29, 1913—W BONITA AVE 442.12
N Berryman N 40 W to NW bndry
line land of Crane SW to W in said
land SE 34.17 E 134.64, Bkly. C H
G Runde to Sullivan Bros., July 25, '13
July 29, 1913—LOT 20 BLK 8 Map
Shaw Tract Bkls 4, 6, 7, 8 and 9,
Lkly. Standard Home Bldrs &
Realty Co to whom it may concern
.....July 19, 1913
July 30, 1913—PTN LOTS 7 AND 8
Blk "C" Northbrae Business Pty,
Bkly. F R Peake Co to whom it
may concern.....July 25, 1913
July 30, 1913—LOT 19 North Chris-
tiana Tract, Okd. R B Pope to
F R Peake.....July 29, 1913
July 31, 1913—LOT 13 BLK "D" Map
Major Given Tract, Okd. Rosalie
and Heinrich Ey to whom it may
concern.....July 30, 1913
July 31, 1913—E GILBERT 160 S
Muttler S 40.80x125, Okd. Selden
S Wright to W H Judson, July 29, '13

July 26, 1913—SW E-FIFTEENTH 190
SE First Ave SW 145 NW 90 SW 5
NW 32.64 NE 170.74 SE 41.24, Okd.
Chris Tegetmeyer and Fred Rahlfs
vs Eugene A Schmidt.....\$59.25
July 26, 1913—LOT 22 BLK 3 Map
Kenwood Park, Okd. F O and W A
and C A Wallace vs R S McHenry &
W B McCoy.....\$29.75
July 26, 1913—LOT 12 BLK "A" Map
Kenwood Park, Okd. F O, W A and
C A Wallace vs Wm M and Annie L
Morris\$36.35
July 28, 1913—LOT 6 BLK 9 Clare-
mont Park, Bkly. Griffith Elec Co,
\$89; W J Rigney, \$134.95; H L
Sweeney, \$175 Pacific Mfg Co,
\$1437.36 vs Clara Wake Rand and
Wm Converse\$110.64
July 29, 1913—LOT 35 BLK "C" Map
Toler Heights, Okd. Maerer Bros
Co vs J H Plattner.....\$110.64
July 30, 1913—LOT 35 BLK "C" Map
Toler Heights, Okd. R F Long vs
J H Plattner.....\$102.95
July 31, 1913—LOTS 41 AND 42 BLK
3 Map Regents Park No. 6, Oak-
land Tp. S J Marsh, \$168; D E
Hughes, \$802.15 vs Jane Doe Sap-
pinen\$51
July 31, 1913—LOT 30 BLK "D" Map
Toler Heights, Okd. Paradise
Paint Co vs J H Plattner.....\$51

SAN JOSE AND THE SANTA CLARA VALLEY.

CANNERY AND WAREHOUSE—1
story frame, \$2,000. San Jose, Santa
Clara Co., Cal. Architect, none. Own-
ers, Creco Canning Co., San Jose. This
building will cover an area of 80x115
feet. A portion of the structure will

be used for canning purposes and the
balance of the building will be used as
a warehouse. No interior finish will
be used. Exterior will be covered with
galvanized iron. Plans are complete
and work will be done by Day Labor.

RESIDENCES, ETC. — Frame con-
struction. Cost not stated. San Jose,
Santa Clara Co., Cal. Architects, none.
The following Day Labor jobs are re-
ported as about to be started in San
Jose: Dr. C. F. Lane, 155 Balback St.,
San Jose, 1½ story frame dwelling,
\$1,500; J. P. McGinness, 155 Reed St.,
San Jose, remodel residence, \$1,000; J.
Nordl, northeast Willow and Spencer
streets, San Jose, 1 story 4 room cot-
tage, \$500; J. O. Falcome, Home St.,
San Jose, 1 story 4 room cottage, \$500,
and W. E. Woodhams, 16 North 2nd
St., San Jose, 1 story 5 room cottage,
\$1,800.

SCHOOL—1 story and base, frame,
\$15,000. Menlo Park, San Mateo Co.,
Cal. Architect, J. W. Dolliver, Royal
Insurance Bldg., S. F. Owners, Menlo
Park School District. Plans for this
building have been completed and bids
will be called for at once. The build-
ing will contain four class rooms and
an assembly hall. Interior will be
finished in pine and hardwood. A cen-
tral heating system will be installed.
There will be program clocks and bell
system. Composition blackboards will
be used. Exterior of the building will
be faced with cement plaster on metal
lath. A clay tile roof will be specified.

Building Contracts.

SANTA CLARA COUNTY.

NO. 155 BALBACK, San Jose. One and
one-half-story residence.
Owner.....Dr. C. F. Lane, Premises.
Architect.....None.
Day's work. COST, \$1500

NO. 155 REED, San Jose. Remodel and
repair residence.
Owner.....J. P. McGinness, Premises
Architect.....None.
Day's work. COST, \$1000

E SPENCER AVE, 6th Lot N of Willow
San Jose. Five-room cottage.
Owner.....J. Nordl, NE Cor Willow
& Spencer Ave., San Jose.
Architect.....None.
Day's work. COST, \$800

N HOME, 4th Lot E Gregory, San Jose
Four-room frame house.
Owner.....T. Titaro, Premises.
Architect.....None.
Day's work. COST, \$500

N HOME, 3rd Lot E Gregory, San Jose
Four-room frame house.
Owner.....J. O. Falcome, Premises.
Architect.....None.
Day's work. COST, \$500

NO. 40 N-EIGHTH, San Jose. Remodel
residence.
Owner.....R. B. Roberts, Premises.
Architect.....None.
Day's work. COST, \$100

E TWELFTH, 2nd Lot S San Carlos,
San Jose. Four-room cottage.
Owner.....Mattie Warring, 64 N-
Whitney, San Jose.
Architect.....None.
Contractor.....J. C. Baggett, 597 Spring,
San Jose.

COST, \$1800

LIENS FILED.

ALAMEDA COUNTY.

July 26, 1913—LOT 6 BLK 9 Map
Claremont Park, Bkly. J T Carrier,
\$115; L W Hall, \$226.77; Palace
Hardware Co, \$216.51 vs Clara W
Rand and Wm M Converse.....

BET. HOWARD AND RAILROAD, near creek, San Jose. One-story cannery and warehouse.

Owner.....The Creco Canning Co.,
Premises.

Architect...None.
Day's work. COST, \$1500

15 FIFTEENTH, bet. Washington and Empire, San Jose. Four-room cottage.

Owner.....Mr. Riley, Premises.
Architect...None.

Contractor...Alex York, Russ House,
San Jose.

COST, \$1800

16 FOURTEENTH, bet Empire and Washington, San Jose. Five-room cottage.

Owner.....W. E. Woodhams, 16 N-2d,
San Jose.

Architect...None.
Day's work. COST, \$1800

178 FEET WESTERLY FROM THE Peninsula Railroad Co. Lot on the campus now occupied by that building known as "The Old Candy Store"

All work for high tension laboratory.
Owner.....Leland Stanford Jr. University.

Architect...O. S. Warner.
Contractor...John Arnott, Palo Alto.

Filed July 25, '13. Dated July 13, '13.

1/2 of work completed..... 1/4

3/4 of work completed..... 3/4

When completed..... 1/2

Usual 35 days..... 1/2

TOTAL COST, \$1184

Bond, \$2074. Sureties, W. P. Gray and Z. T. Thurning. Limit, 95 days. Forfeit, \$10 per day. Plans and specifications filed.

LOTS 17 AND 18 BLK 13, Palo Alto.

All work for one-story shingle bungalow (frame).

Owner.....Dr. A. Peck, U. S. Navy.
Architect...C. E. Hodges, Palo Alto

Contractor...E. S. Kingham, Mayfield.
Filed July 22, '13. Dated July... '13.

Ready for shingling.....\$837

Shingled and plastered..... 837

Completed..... 837

Usual 35 days..... 837

TOTAL COST, \$3348

Bond, \$1674. Sureties, J. H. Prince and W. F. Hayward. Limit, 75 days. Forfeit, none. Plans and specifications filed.

LOT 2 BLK 1 RANGE 3, East of Gilroy

City. All work for remodeling barn into dwelling house.

Owner.....N. A. Roth.
Architect...None.

Contractor...W. H. Blakemore, Sacramento.

Filed July 21, '13. Dated July 17, '13.

Building moved and roof on.....\$743 75

Plastering done..... 743 75

When completed..... 743 75

Usual 35 days..... 743 75

TOTAL COST, \$2975 00

Bond, \$1487. Sureties, D. Otto and P. O. Blakemore. Limit, 120 days. Forfeit, none. Plans and specifications filed.

SAN CARLOS AND DELMAS, San Jose.

All work for one-story frame cottage.

Owner.....J. Vitale, San Jose.
Architect...L. I. Kelly, San Jose.

Contractor...L. I. Kelly, May Ellen Ave.
San Jose.

Filed July 24, '13 Dated July 23, '13.

Frame up\$380

1st coat plaster on..... 380

Building completed 380

Usual 35 days..... 380

TOTAL COST, \$1520

Bond, limit, forfeit, none. Plans and specifications filed.

NO. 300 WEST SAN CARLOS, San Jose

All work for reinforced concrete bridges over San Carlos street and Guadalupe Creek.

Owner.....City of San Jose.
Architect...J. L. Ryder, City Engineer.

Contractor...Wm. Radke, San Jose.
Filed July 21, '13. Dated July 16, '13.

When contract signed by City Engineer and presented to City Council..... 75%

Usual 35 days..... 25%

TOTAL COST, \$10,735

Bond, \$5500 and \$2750. Surety, Massachusetts Bonding & Insurance Co.

Limit, 90 days. Forfeit, none. Plans and specifications filed.

Building Contracts.

SAN MATEO COUNTY.

TEMPLETON AVE., being Lot 9 Blk 31, Crocker Tract, San Mateo. All work except gas piping for two-story and basement frame building.

Owner.....Edw. and Lizzie Reardon.
Architect...None.

Contractor...B. W. Demarais, 732 Page,
San Francisco.

Filed July 28, '13. Dated July 12, '13.

Roof on\$633

Brown coat plaster on..... 633

When completed 634

30 days after..... 250

TOTAL COST, \$2150

Bond, none. Limit, 60 working days after June 15. Forfeit, none. Plans and specifications filed.

LOT NO. 2 BLK 102, Map of South San Francisco Plat No. 1. Plumbing, roofing and plastering two additional rooms in attic of house as provided in contract of June 18, 1913.

Owner.....A. F. Plymire, South San Francisco.

Architect...None.

Contractor...A. B. Cavanaugh, Millbrae.
Filed July 25, '13. Dated July 19, '13.

Usual 35 days after acceptance of building contract of June 18, 1913.....\$210

TOTAL COST, \$210

Bond, none. Limit, 70 working days after June 19, 1913. Forfeit, none. Specifications only filed.

N COR. VALPARAISO AND ELENA Aves Ptn Lot 4 Valparaiso Park Tct, Las Pulgas Rancho, Menlo Park. Excavation, dampproofing, concrete and other work for entire south wing and minor alterations in west wing.

Owner.....Academy of the Sacred Heart of Menlo Park (epn)

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor...Herman Grussel, 2317 Market, San Francisco.

Filed July 29, '13. Dated July 25, '13.

On 1st and 15th of each month commencing Aug. 15th next,

75%\$2707.50

Usual 35 days, 25%..... 902.50

TOTAL COST, \$3610.00

Bond, \$1805 Sureties, J. V. Campbell and Chas. J. U. Koenig. Limit 60 working days after date. Forfeit, \$25 per day. Plans and specifications filed.

EXCAVATIONS, CONCRETE AND

artificial stone work on above.

Contractor...Herman Grussel, 2317 Market, San Francisco.

Filed July 29, '13. Dated July 25, '13.

On 1st and 15th of each month,

75%\$1012 50

Usual 35 days, 25%..... 337 50

TOTAL COST, \$1350 00

Bond, \$675. Sureties, J. V. Campbell and Chas. J. U. Koenig. Limit, 30 working days after notified to proceed.

Forfeit, \$25 per day. Plans and specifications filed.

Completion Notices.

SANTA CLARA COUNTY.

RECORDED ACCEPTED

July 21, 1913—LOT 15 BLK 3 Barrett & Mark Sub, San Jose. W F Gilman to whom it may concern.....

.....July 19, 1913

July 24, 1913—LOT 3 BLK 2 RANGE 9, San Jose. Minnie E Pieper to C C Lewis.....July 24, 1913

July 17, 1913—NEAR FIRST AND San Antonio, San Jose. Jefferson Realty Co to Z O Field.....July 24, 1913

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

July 23, 1913—HILLSBOROUGH. J D Grant to Vulcan Iron Works.....

.....July 18, 1913

July 26, 1913—SAN CARLOS PARK. A Paulsen to J Witzelberger.....

.....July 23, 1913

July 29, 1913—LOT "Q" BLK 1, Burlingame Terrace. James J and Mrs J J Soares to D Houle.....July 26, 1913

July 29, 1913—HILLSBOROUGH. J D Grant to J E O'Mara.....July 25, 1913

July 29, 1913—HILLSBOROUGH. J D Grant to The Watson Mantel & Tile Co.....July 26, 1913

July 29, 1913—HILLSBOROUGH. J D Grant to Burnham Plumbing Co.....

.....July 26, 1913

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT

July 19, 1913—NEAR VILLA AND Castro, Mountain View, Cal. E C Power vs A Jurian and G W Odell.....

.....\$125

July 23, 1913—NEAR CASTRO AND Villa, Mountain View, Cal. Minton Lumber Co vs Odell & Jurian.....\$337.90

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

LODGE HALL—3 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, Richmond. Owners, Richmond Moose Hall Association. This building will be erected on 6th street and will cover an area of 72x112 feet. There will be two stores on the first floor, lodge rooms on the second floor and the third floor will be arranged for a number of offices. Preliminary plans are now under consideration and a detail description of the work cannot be given at this time. Further mention will be made as plans progress.

LODGE HALL—3 story and base,

brick. Cost not stated. McMinnville, Ore. Architect, C. C. Robins, Ainsworth Bldg., Portland. Owners, Masonic Hall Association of McMinnville. This work has been mentioned here before when the architect was first commissioned to prepare plans. The structure will cover an area of 80x95 feet. First floor and basement will be used for commercial purposes, the second floor for offices and the third floor will be fitted up for lodge rooms and banquet hall. Interior finish will be of pine with some hardwoods. There will be steam heat and elevator service. Stores will have plate glass display windows in patent store fronts. Metal window sash and frames are specified. Exterior of the building will be faced with klinker or pressed brick. Plans are complete and figures are being taken. Bids will be opened on August 12th.

Building Contracts.

MARIN COUNTY.

LOT 28 SE 1/2 LOT 29, Granton Park, Kentfield. Concrete, carpenter, painting, plumbing, plastering and electric work, etc., for two-story frame residence.

Owner.....Ambrose B. and Lavere L. Brown.

Architect.....None.

Contractor.....W. A. and C. C. Terrill, 3631 17th, San Francisco.

Filed July 16, '13. Dated July 15, '13.

2nd story joists in position.....\$ 652

Brown coated 500

Completed and accepted..... 500

Usual 35 days..... 1400

TOTAL COST, \$3052

Bond, none. Limit, 80 days from July 15. Forfeit, none. Plans and specifications filed.

SAUSALITO. All work except electrical work for alterations and additions to frame residence.

Owner.....Ellis Avery Campbell, Sausalito.

Architect.....H. P. Buckingham.

Contractor.....A. W. Teather, Sausalito.

Filed July 12, '13. Dated July 8, '13.

TOTAL COST, \$—

Bond, \$753. Surety, Southwestern Surety Ins. Co. Limit, 50 days from filing. Forfeit, \$15. Plans and specifications filed.

PTN LOTS 212-213 Amended Map No. 2, Bush Tract, San Anselmo. All work except electric fixtures for four-room frame hangar.

Owner.....Norman A. Eisner, Crocker Bldg., San Francisco.

Architect.....None.

Contractor.....William Yoe, Kentfield.

Filed July 10, '13. Dated July 6, '13.

Roof on & plumbing roughed in 25%

Completed and accepted..... 50%

Usual 25 days..... 25%

TOTAL COST, \$697 75

Bond, none. Limit, 30 days from July 6. Forfeit, none. Plans and specifications filed.

Building Contracts.

CONTRA COSTA COUNTY.

LOT 22 BLK 4 Maltby's Add'n to Concord. All work for one-story plaster exterior frame residence.

Owner.....B. E. Wiget and Edith M. Wiget, Concord.

Architect.....Francis W. Reid.

Contractor.....L. V. Perry, Concord.

Filed July 31, '13. Dated July 28, '13.

Lumber on lot.....\$791.65

Plastering done 791.65

House completed 791 70

TOTAL COST, \$2375 00

Bond, none. Limit, 90 working days.

Forfeit, \$10. Plans and specifications none.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED

July 10, 1913—SAN RAFAEL. G Guidicci or Guidici to whom it may concern..... July 8, 1913

July 12, 1913—LOT 4 Warburton Tct Sausalito. A W Duisenberg to whom it may concern.....Completed —

July 15, 1913—LOT 190 Tamalpais Land & Water Co. Map No. 5, Mill Valley. G D Pollexfen to C Armbruster July 11, 1913

July 15, 1913—CALIFORNIA CITY Point. W A Tilley to A Olsen.....

..... July 1, 1913

July 17, 1913—COMG AT PT. ON N line county road leading from San Anselmo to San Rafael 60 ft. W fm

Ancha Vista Ave W 60 by uniform depth 120. A Franklin to Taylor & Co..... July 1, 1913

July 21, 1913—PTN. BLK "A" Lyon & Hoag's Sub Sunnyside Tct, Mill Valley. Maud Cavalli to P Johnson..... July 11, 1913

July 22, 1913—LOT 53 Map No. 1

Bolsa Valley Tct. T Harrison to W W Seeley..... July 1, 1913

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED

July 29, 1913—LOTS 29, 30 & 31 BLK 10, City of Richmond. Martin J Gordon and wife to Chas Johnson..... July 28, 1913

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and will be equipped with wall beds. Hot water will be supplied to all rooms. Stores will have large plate glass display windows in patent store fronts. Exterior of the building will be faced with glazed brick. Plans are complete and figures are being taken.

DETENTION HOME—2 story and base, brick and concrete, \$35,000. Fresno, Fresno Co. Cal. Architects, Swartz, Hotchkin & Swartz, Fresno. Owners, Fresno County. The building will be fireproof and will contain two large dormitories, one for females and one for males. There will also be work rooms, kitchens, dining halls and class rooms. Interior finish will be of pine throughout. Plans provide for a central heating system, modern plumbing and electric work. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Working drawings are being completed and bids will be called for sometime during this month.

Contracts Awarded.

STORE AND OFFICES—2 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, none. Owner, George L. Snider, Contractors, Dupes, Hanson & Dupes, Bakersfield. Contract price not stated.

DEPARTMENT STORE—3 story and base. Class A construction, \$125,000. Fresno, Fresno Co., Cal. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, E. Gottschalk Co. Contractors, Trewhitt & Shields, Fresno, general construction Contract price, \$119,773.

Building Contracts.

FRESNO COUNTY.

SE COR. J AND KERN STS., Fresno. All work for two-story and basement steel frame and reinforced concrete department store.

Owner.....E. Gottschalk & Co., Inc., Fresno.

Architect.....C. A. Meussdorffer, S. F.

Contractor.....Trewhitt & Shields Co., Fresno.

Filed July 26, '13. Dated July 21, '13.

1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$119,773

Bond, \$59,886. Surety, Aetna Accident & Liability Co. Limit, 160 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

SEPTIC TANK—\$6,000. Chico, Butte Co., Cal. Engineer, City Engineer of Chico. Owners, City of Chico. Plans for a septic tank which will be erected on the sewer farm have been approved and bids are now being called. Plans can be secured from the City Clerk at Chico. Bids will be opened on August 19th. An official proposal appears in another column of this issue.

RESIDENCES, ETC.—Frame construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, none. The following Day Labor jobs are reported as about to be started in Stockton: J. E. Oeble, Stockton, 1 story frame residence, \$2,000; C. McFadden, Stockton, 1 story frame, \$1,750; A. L. Garron, 634 North Aurora St., Stockton, 2 story frame residence, \$2,000; Joe Gilbeau, 915 South San Joaquin St., Stockton, remodel frame building,

1,600; Jacob Fisher, 510 East Anderson St., Stockton, 2 story frame dwelling, \$2,000; John Frankhan, Stockton, 1 story frame dwelling, \$1,600; W. C. Neumiller, 248 West Acadia St., Stockton, remodel frame dwelling, \$600, and Mrs. S. Marshall, Stockton, alter frame dwelling, \$1,600.

STORE ALTERATIONS—1 story and base, brick, \$1,000. Stockton, San Joaquin Co., Cal. Architect, none. Owner, Mrs. M. Rossi. The building at the corner of Main and Commerce streets will be altered and additions made. The work will include new plastering, interior finish, plumbing, painting and electric work. Plate glass windows and patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner. Work will be done by Day Labor. Materials are now being purchased.

THEATRE—3 story and base, reinforced concrete, \$75,000. Sacramento. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnken Circuit. The building will be erected on K street and will contain, besides the theatre proper, several stores. The theatre will be arranged with a main auditorium and gallery. Interior finish will be of pine and hardwoods and ornamental plaster. There will be steam heat and a modern system of ventilation. Construction will be fireproof, with concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,500. Marysville. Yuba Co., Cal. Architects, National Architectural and Engineering Co., First National Bank Bldg., S. F. Owner's name withheld. The house will contain eight rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Building Contracts.

SACRAMENTO COUNTY.

E ½ LOT 3 W, X, 17TH AND 18TH, Sacramento. Dwelling. Owner.....J. Azevedo, 1815 X St., Sacramento. Architect...None. Contractor...J. A. Lucas, 1604 V St., Sacramento. COST, \$1400

E ½ LOT 7 V, W, 13TH AND 14TH Sts., Sacramento. Dwelling. Owner.....C. Azevedo, 11th & E Sts., Sacramento. Architect...None. Contractor...J. A. Lucas, 1604 V St., Sacramento. COST, \$1800

E ½ OF S ½ LOT 5, O, P, 23RD AND 24th Sts., Sacramento. Erect tenement house. Owner.....J. C. Tachney, 1315 24th, Sacramento. Architect...None. Contractor...A. Hellenback, 1622 I St., Sacramento. COST, \$5100

EAST LAWN CEMETERY, Sacramento Building. Owner.....East Lawn Cemetery Association, 605 J St., Sacramento. Architect...None. Contractor...R. Powell, 2811 T St., Sacramento. COST, \$3500

LOT 2 BLK 1, Boxler Tct., Sacramento. Dwelling. Owner...E. A. Pierce, Curtis Oaks, Sacramento. Architect...None. Contractor...C. A. Holmes, 2612 35th, Sacramento. COST, \$2700

PTN LOT 3, M J Dillman Sub No. 2, Sacramento. Four-room dwelling. Owner.....Wm. Chapman, 4003 Magnolia Ave., Sacramento. Architect...None. Contractor...W. C. Curl, 3212 3rd Ave., Oak Park, Sacramento. COST, \$1200

LOT 6 Venado Place, Sacramento. Erect dwelling. Owner....J. E. Layton, 4011 Piedmont Ave., Sacramento. Architect...None. Day's work. COST, \$1200

LOT 2912 ELMHURST, Sacramento. Erect dwelling. Owner.....S. W. Davis, 3210 6th Ave., Sacramento. Architect...None. Day's work. COST, \$1800

LOS ANGELES AND SOUTH-CALIFORNIA.

POST OFFICE—2 story and base. Class A construction. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans and specifications are now out for figures for the new Federal Building which is to be erected in Pasadena. The building will cover a ground area of approximately 12,000 square feet. The main portion is to be two stories high with a one story wing in the rear. Construction will be fireproof. Interior partitions will be of hollow tile and metal lath and plaster. Exterior will be faced with stucco. Roof will be of clay tile. Interior finish will be of pine and hardwoods. A general contract, including heating, electric work and light fixtures will be let. Plans can be secured from the Supervising Architect or from the custodian of the site. Bids will be opened in Washington, D. C., on September 11 at 3 p. m.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, E. J. Borgmeyer, Hibernian Bldg., L. A. Owner, M. S. Kornblum. The building will be erected on Benton Boulevard near 7th street, and has been designed to

contain 27 suite which will be arranged in apartments of two and three rooms and bath. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Tile will be used in the bath rooms. Exterior of the building will be faced with glazed pressed brick. Plans are complete and figures are being taken.

LODGE HALL—3 story and base, brick and steel, \$10,000. San Pedro, Los Angeles Co., Cal. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, San Pedro Masonic Temple Association. The building will be erected on a corner site and will cover an area of 50x100 feet. The entire building will be given over to the use of the association. There will be several lodge rooms, library, reading rooms and social halls. A completely equipped banquet room and kitchen will also be provided. Interior finish will be of pine and hardwood. There will be steam heat. Metal window sash and frames and metal lath and plaster interior partitions are specified. Exterior of the building will be faced with pressed brick and artificial stone. Plans are nearly complete and figures will be called for shortly.

HOTEL—12 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. This building will be erected on Spring street south of 4th, and has been mentioned here before. Plans provide for a total of 275 rooms and 264 baths, besides the general offices, lobby and parlors. There will be steam heat, elevator service, a hot water system and vacuum cleaning system. Interior will be finished in pine, hardwoods, marble and tile. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with glazed brick and terra cotta. Plans are complete and figures are being taken.

STORES AND OFFICES—4 story and base, brick and steel. Cost not stated. San Pedro, Los Angeles Co., Cal. Architect, E. H. Dorr, 1811 South Main St., L. A. Owner, N. O. Anderson. The building will cover an area of 25x75 feet and will contain one store on the first floor and 27 modern offices on the upper three floors. Interior will be finished in birch. Plans provide for elevator service, hot and cold running water and gas fuel. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with glazed brick. Considerable marble and tile will be used. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick, \$40,000. Owensmouth, Los Angeles Co., Cal. Architect's name not given. Owners, Owensmouth School District. The building has been designed to contain eight standard size class rooms, an auditorium and principal's office. Interior will be finished in pine with maple floors. There will be a central heating system and modern ventilation. Exterior of the building will be faced with glazed brick. Plans and specifications have received the approval of the Board of Education and are now out for figures. Bids will be

opened on August 11th. Plans and specifications can be secured from the Los Angeles Suburban Homes Co., Trust and Savings Bldg., L. A.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$43,000. Los Angeles, Cal. Architects, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Owner, Charles H. Louis. Contractors, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Contract price, \$43,000.

APARTMENT HOUSE—3 story and base, brick, \$45,000. Los Angeles, Cal. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, W. R. Neelands. Contractors Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$45,000.

HOTEL—1 story and base. Class C construction, \$44,000. Los Angeles, Cal. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, M. J. Priestner. Contractors, Maine Bldg., and Investment Co., Thorpe Bldg., L. A. Contract price, \$44,000.

GARAGE—1 story and base, brick and concrete, \$15,000. Los Angeles, Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owner, Hugh B. Evans. Contractors, F. O. Engstrom Co., 5th and Seaton Sts., L. A. Contract price, \$15,000.

GARAGE—1 story and base, brick, \$10,000. Los Angeles, Cal. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owners, Belgard and Jackson. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$10,000.

STORES AND OFFICES—12 story and base. Class A construction, \$200,230. Los Angeles, Cal. Architects, William Curlett & Son, Title Insurance Bldg., L. A., and Phelan Bldg., S. F. Owners, Merchants' Fireproof Building Co. Contractors, J. C. Kuebach Co., Van Nuys Bldg., L. A., general construction Contract price, \$200,230.

STORES AND LOFTS—13 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Mason Estate. Contractors, Baker Iron Works, L. A., furnishing and erecting structural steel. Contract price, \$69,000.

APARTMENT HOUSE—3 story and base, brick, \$13,500. Los Angeles, Cal. Architect, Elmore P. Jeffery, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. Contractors, May & Grimwood, Union Oil Bldg., L. A., general construction. Contract price, \$13,500. Note: This contract does not include elevator work or light fixtures.

PORTLAND AND OREGON.

BANK—3 story and base, brick and stone. Cost not stated. Forest Grove, Ore. Architect, W. B. Bell, Worcester Bldg., Portland, Owners, First National Bank of Forest Grove. The structure will cover a ground area of 50x62 feet. Entire ground floor will be subdivided into modern offices. Banking rooms will be finished in hardwood, marble, tile and ornamental plaster. There will be no coin and safe deposit vaults. Interior finish of the offices will be of pine. There will be steam heat and elevator service. Exterior of the building will be faced

with cut stone from a local quarry. Plans are complete and figures are being taken.

WAREHOUSE—2 story and base, brick and concrete. Cost not stated. Portland, Ore. Architect, Aaron Gould, Worcester Bldg., Portland. Owner's name withheld. The building will be erected on East Washington street and will cover a ground area of 100x100 feet. Rear portion of the structure will be of reinforced concrete construction and the part facing the street of brick. There will be large freight elevators, automatic sprinklers and fireproof doors. Metal window sash and frames will also be specified. Exterior will be faced with pressed brick and cement plaster. Plans are still in the preliminary stage. Further mention will be made of the work as the plans progress.

SCHOOL GYMNASIUM—1½ story and base, brick. Cost not stated. Portland, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Reed College. The building will cover an area of 70x160 feet, the main feature of the building being a hanging gallery around the four sides. The building will be arranged with one portion for men and one for women. There will be special exercising rooms, two hand ball courts and swimming tanks. Baths will be equipped with showers. Both wings of the building will be equipped with metal lockers. Plans provide for steam heat. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and are being figured.

Contracts Awarded.

MAUSOLEUM—1 story, reinforced concrete and stone, \$35,000. Salem, Ore. Architects, Ellis G. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Portland Mausoleum Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$35,000.

STORE AND OFFICE ALTERATIONS—1 story and base, brick and steel, \$50,000. Portland, Ore. Architects, Whidden & Lewis, Wilcox Bldg., Portland. Owners, Weinhard Estate. Contractor, Edward Killfeather, 427 3rd St., Portland. Contract price, \$50,000.

SEATTLE AND WASHINGTON.

FACTORY BUILDING—1 and 2 story, brick and steel. Cost not stated. Seattle, Wash. Architects, Stephen & Stephen, New York Bldg., Seattle. Owners, Broderick & Bascom Co. The one-story factory building will cover an area of 84x210 feet. There will also be a two-story fireproof oilhouse and a frame carpenter shop. Plans and specifications include metal window sash and frames and structural steel. About 4,000 cubic yards of fill is to be made. Plans for the work are now being prepared. Exterior of the buildings will be faced with stock brick.

THEATRE—3 story and base. Class A construction, \$150,000. Vancouver, B. C. Architect, J. J. Donnellan, 319 Pender street, Vancouver. Owner's name withheld. The building will be erected on Keefer street near Muir and will cover an area of 75x120 feet. There will be a main auditorium and

two galleries. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls, floors and roof. Interior partitions will be of metal lath and plaster. Interior finish will be of pine, hardwoods and ornamental plaster. A modern system of heating and ventilating will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared and will be out for figures within a month.

COURT HOUSE—Class A construction \$200,000. Walla Walla, Wash. Architect, Henry O. Terman, Walla Walla. Owners, Walla Walla County. The County Commissioners have voted to construct a new building costing \$200,000. Architect Osterman was informally commissioned to prepare plans, but this action was not unanimous. A competition may be called. Further mention will be made of the work as it develops.

DOMESTIC ARCHITECTURE OF TODAY.

With Special Reference to the Country Home of Moderate Cost.

"Every man has at some time of his life, personal interest in Architecture."—Huskin

By Mr. Wm. Kochl, Architect, Cleveland, in the Ohio Architect, Engineer and Builder.

It is held that architecture is essentially and inevitably the unconscious expression of a national spirit; that architecture reflects the history, character, and temperament of a people; and that an indigenous style of architecture is produced by important factors—wealth, peace, leisure, civilization, and culture. The object of this paper is to illustrate these facts as manifested in the branch of architecture called domestic, with special reference to the country and suburban home of moderate cost in America.

In every art and science, we find good interspersed with bad. The cockle is sure to appear, and appears in proportion to the power of the enemy under the guise of ignorance, commercial gain, and ostentation. America up to within a few years, was one vast cockle field of bad architecture. Rarely was an ideal home to be found, except those that remained from Colonial times. The majority of small houses during that period were built by men who had no knowledge or skill in planning, and whose notions and thoughts were entirely commercial. True, there are still many such men committing abominations for personal gain, but luckily, the people at large are realizing the deceit and are demanding homes to suit the conditions of today. What influence this demand has done to domestic architecture is apparent throughout the land.

To cover the entire field properly we cannot confine our observations to one region. We must go to Massachusetts, New York, and Eastern Pennsylvania, to study Colonial and Italian adaptations; Western Pennsylvania, Ohio and Michigan abounds with English types; Chicago has produced a style of her own, called the Progressive, and California claims the Bungalow. This variation of styles is

due no doubt to the predominant sentiment that prevails in each section in favor of some particular style. Art of building always yields to the demand.

Yet all these styles are being made thoroughly native, Indigenous American, no matter whence the influence. Indeed, we still go back to precedent, but we use it no more as a model but as an inspiration. The Colonial and the English especially serve as building impulses, and on their simple and sound foundations we are building notable work redolent with race and informed with fine feeling. Examining the work of the various styles, we find no copying. Good architects today assimilate the fine spirit of past masterpieces, grasp the essentials, and make it more or less their own.

Perhaps the Colonial, on account of its note of sincerity, is the most favorite precedent on which we depend. It is the most national. True, it abounds chiefly in the East, yet it is found in every section or region. Its simplicity of mass, directness of expression, and its refinement of detail are appealing. English homes have much that attract our admiration. We cannot but admire the quaint beauty of the old English country houses. They are well adapted to the English landscape, but to copy them outright would be disastrous in America. We can, however, emulate the spirit in which the early English home-builders worked. They knew the principles that underlie a good home. Some of the most salient characteristics are the groups of chimney stacks that suggest warmth and hospitality and long lines of ridge and wall contribute to an air of restful seclusion and retirement. The general plan, however, is unsuited to our conditions of living, excepting for details. The Colonial and English predominate here, but there is still another type that is eliciting much admiration—the Bungalow. To California we principally owe this charming, free, rugged, and cozy type. Influenced by mostly oriental—Japanese, Sikh, Bhutan, Thibet—sources, is yet so nicely assimilated by an architect of knowledge and taste, and so thoroughly adapted to every condition—environment, cost, service, beauty—that it has spread like witchery throughout the land, and verily threatens the supremacy especially in the more inexpensive types.

All these types, though widely varied on the exterior, are yet much alike in plan. The American inherent desire for fresh air and sunshine prompts him not to omit sun rooms, sleeping porches, and to have if possible, every room face the south, not only for the sun but also for the cool breeze. On the first floor all main rooms are connected with large openings forming long vistas, and realize the importance of working from within outward, instead of as in former years from without inward. Whatever beauty the house possesses is based on sound and logical planning and construction. The plan is the outcome of actual requirements based on the habits of living of its occupants.

Unlike the city house built on a narrow lot with only a few feet between, the ideal home always has a beautiful setting with sufficient space between houses. Therefore the garden is likewise eliciting as much care and attention as the house itself. We are

getting back to mother earth—to nature, and under nature's influence we cannot go far wrong. A home surrounded by a beautiful garden has and will always be admired. Consequently in speaking of the home the garden is necessarily included to make one harmonious whole.

Perhaps, in no other class of building has been more thoroughly developed, within the last few years, the principle of beauty known as harmony or adaptation which includes economy, order, unity in variety and proportion, and has more thoroughly inculcated the characteristic of durability, comfort and homelike charm than in the home of moderate cost. This principle and these characteristics are also found in the more expensive home, but these cannot so well reflect the spirit of the people at large, as do the smaller and more humble types.

This enthusiasm displayed in the development of the American home is attributed to various causes. Good architecture has always been held to be the outcome of gradual accretions to a simple demand—hence the study of past work. Architect (he is now considered a necessary evil) and owner alike seem to vie with each other in the gathering of ideas and material through various media; by travel abroad and at home, books and periodicals on architecture find their way into every home. These means especially coupled with good taste are keeping us in touch with all past and present achievements. Also, at no time in the past has country life been more desired and appreciated than at the present time. This condition is somewhat due to the improved modern transit facilities, to high cost of living, and the over crowded conditions of our cities. The people have learned to prefer the beautiful flowers, pure air and fresh, wholesome food, to the foul smell of the gutters and dirty streets of the city.

Again, it is fully realized that the home to be ideal must be both beautiful and practical—must perform its functions well and be pleasant about it. Where can it perform these functions better than in the country? Within we have not only shelter from the elements but also the benefits of the sun and breezes; without it is made indigenous by the proper selection of style, materials, and colors that harmonize and blend happily with the immediate surroundings. This is true in Eastern Pennsylvania where stone is easily and cheaply had, and the Colonial style prevailing, the ideal home that is accepted as native is the home built of stone in the Colonial style. In California the landscape is dotted with beautiful homes that appear as a natural growth. Field stone and rough timbers constitute the principal material, and in the hands of the architect who knows the caprices of the style, inject into it the fine, free, rugged and hospitable spirit of the Bungalow. Thus it was in old England where we find in the various regions styles that harmonize and blend nicely on account of this law of nature. In those early days they were compelled to build of materials most easily obtained, thus fulfilling the law unconsciously. We, on the contrary, by our present means of transportation can build of materials gathered

from every part of the globe as economically as the materials gathered near at hand.

Travel and reading, besides working wonders throughout the land, have also wrought their mischief. There are always some who do not comprehend the value of a native style and erroneously model their homes after types individually beautiful and perfect under its local conditions, but brought forth and planted bodily in a foreign land and climate loses its charm and wilts like a tropical plant in the arctic zone. It behooves us to go back to precedent, but we must not remain there. The spirit and principles alone are of value to us.

If we are fortunate to have the inheritance of past and foreign examples to lead us aright, how much greater will be the inheritance of future generations be! They will not be required to look beyond the confines of their own country for inspiration as we do today, but culture and taste will guide them to avoid what is ugly, uncomfortable, impractical, and follow in the footpath of the present generation until the final principles and ultimate ideals will be fully realized by all classes throughout our country.

This fine spirit of home life so broadly manifested in the building and adornment of the house is surely the most important as well as the most human expression of the art of man, and cannot but affect and uplift the national character. Shallowness, ostentation and pretention will soon be entirely avoided, and stillness, quiet earnestness that seems to lull and soothe the spirit with promises of peace, are the things that will predominate. Such a home is truly a great achievement, a daily influence and delight.

SCAFFOLDING REQUIREMENTS.

Text of the Law Enacted at the Last Session of the Legislature.

Builders generally are interested in the law enacted at the recent session of the California Legislature requiring certain width of scaffold to be erected for the protection of workmen and the safety provisions required. This law is in effect on August 10th next and we herewith print it in full:

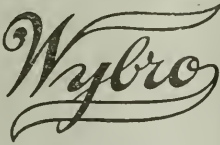
CHAPTER 48.

An act to regulate certain scaffolding or staging for the protection of workmen; requiring that in addition to the duties imposed by any law upon employers using or directing or permitting the use of scaffolding or staging swung or suspended from an overhead support such employers shall be subject to the provisions of this act; fixing penalties for a violation hereof to be the same as provided in section 402c of the Penal Code; and providing for the enforcement of this act by the commissioner of the bureau of labor statistics.

[Approved April 23, 1913.]

The people of the State of California do enact as follows:

SECTION 1. All scaffolding or staging, swung or suspended from an overhead support which is more than twenty feet from the ground or floor, shall have a safety rail of wood or other equally rigid material of sufficient strength to bear any sudden strain there against equal to four times



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the weight of an ordinary man, such
rail to be properly secured and braced
in a manner to withstand a sudden
strain as hereinbefore prescribed; such
rail to rise at least thirty-four inches
above the floor or floors or main por-
tions of such scaffolding or staging,
and extending along the entire length
of the outside and the ends thereof, and
properly attached thereto to with-
stand any strain as hereinbefore pro-
vided; and such scaffolding or staging
shall be fastened so as to prevent the
same from swaying from the building
or structure, or place of work where
such scaffolding or staging is being
used. Any and all parts of such scaf-
folding or staging shall be of sufficient
strength to support, bear, or with-
stand, with safety, any weight of
persons, tools, appliances, or materials
that may be placed thereupon or that
are to be supported thereby which such
scaffolding or staging is being used
for any of the purposes thereof.

Sec. 2. In addition to the duties im-
posed upon an employer by any law
regulating or relating to scaffolding or
staging, it shall be the duty of such
employer who uses or permits the use
of scaffolding or staging, as defined in
section one of this act, in connection
with construction, alteration, repairing,
painting, cleaning or the doing of any
other kind of work upon any building
structure, or other thing or place of
work, to furnish safety lines to tie all
hooks and hangers back on the roof
of such building, structure or other
thing or place of work, and to provide
safety lines hanging from the roof,
securely tied thereto, and one such line
to be provided between each pair of
hangers or falls and near the ends of
all such scaffolding or staging. When
planks are used for the platforms or
floors of such scaffolding or staging,
they shall be not less than fourteen
inches in width, and not less than one
and one-half inches in thickness, and
shall be of wood free from knots or
fractures impairing the strength of
such planks. Not more than two men
shall be allowed or placed to work
between two hangers or falls upon
such scaffolding or staging.

Sec. 3. Any violation of the pro-
visions of this act shall be punishable
as provided in section four hundred and
two c of the Penal Code, and shall be
in addition to the penalties provided
therein for the violation of any of the
provisions of the said section.

Sec. 4. It shall be the duty of the
commissioner of the bureau of labor
statistics to enforce the provisions of
this act.

INTERIOR TO SEA.

There are four or five railroad lines
crossing the Sierra Nevada mountains.
There is one railroad line through the
Tehachapi mountains and another one
in course of construction. At least
two railroad lines pierce the corre-
sponding mountains at the northern
end of California. All these mountains
are higher and more difficult than the
Coast Range mountains through which
there is yet no single railway north
of Tehachapi.

The project has been discussed of
extending the Alcalde line of the
Southern Pacific beyond Coalinga to
connect with a railroad on the other
side to San Luis Obispo. The railroad
on the other side is a mere coal track
little used, but it has at least a graded
right of way on which heavy rails could
be laid. The road on this side as far
as Alcalde is a first class modern rail-
road and the gap between is extremely
short in miles. It happens, however,
that these miles measure the exact
crest of the Coast Range mountains
and that most of the distance would
have to be traversed by expensive tun-
neling. With all the rest of the line on
both sides, however, already complete,
it would seem that the development of
California is now sufficient to justify
connecting up the intervening ten miles
or so, even if this particular strip is
very expensive.

Further north there are passes al-
ready surveyed, through which it is
entirely practicable to build railroads
from Fresno to Monterey Bay. The
existing lines of the Southern Pacific
on the two sides of the mountains are
close enough at one point so that con-
nection between them would be by no
means prohibitive in cost. A direct
route independently owned would be
better, of course, but the physical con-
nection could be accomplished by either
method.

In extreme northern California, there
is no connection with the immensely
rich and beautiful Humboldt Bay
country except by sea or overland by
road. This evil, however, is being
remedied and the railroad which will
connect San Francisco and the interior
or with Eureka is now under con-
struction and well towards completion.
Otherwise the only connection be-
tween the interior and the coast has
been by way of San Francisco Bay,
where nature itself pierced the moun-
tains.

The railway system of California
will never be complete and the social
and business unification of the state
will not be accomplished until it is

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possible to traverse the state in an
east and west as well as a north and
south direction. Let it be hoped that
some of the rumors on this subject
may turn out to be true, and that
some of the projects may be realized in
actuality. Then the present artificial
isolation of the sections will be at an
end.—Fresno Republican

OIL PROSPECT IN GLENN COUNTY.

WILLOWS (Glenn Co.), July 30.—
Glenn County is nearer actual oil
development than ever before. Dr.
H. Hordon has closed a deal with a
number of oil operators of Los An-
geles and Bakersfield, to put down a
wild cat well in the foothill section
of the Coast mountains. The deal is
final with the exceptions of signing
up a part of the acreage. The opera-
tors require a very large field on
long options. Among the ranches
which will be leased is the Butte
ranch owned by Hon. Frank Freeman
and associates. It contains upwards
of 8,000 acres. The Nye ranch is
another one of the properties which
will be included in the lease, it is
said.

All told a field of 40,000 acres will
be optioned. Dr. Hordon is convinced
that within a few months actual drill-
ing will have been started.

Many years ago an oil test well was
begun on the Nye ranch, which lies
near Fruto. The hole was forced
down 2,000 feet and the company ran
out of funds. The driller who had
been on the job kept on pushing down-
ward as long as he could get a cent.
He even burned all the fences near by
and pawned his personal effects to get
fuel to keep up steam. But at last he
gave up when the tools stuck. There
were good indications of oil.

ELECTRIC SMELTING IN NEW CALEDONIA.

An important hydroelectric plant be-
ing erected by a French company in
the South of New Caledonia for the
production of ferro-nickel and ferro-
chrome involves the construction of
two generating stations at different
levels on the Yate River. For the
lower station, which is being built
first, the water will be diverted from
the river by a dam 13 feet high to a
tunnel 9,500 feet long, which will de-
liver 34,000 cubic feet per minute, with
a head of 350 feet, to the turbines.
Electric smelting works will be erect-
ed in close proximity to the generating
station. A similar quantity of water,
with a head of 157 feet, is available for

the higher plant, which will generate 7,600 horsepower to be converted to high-tension current for transmission to various points. A reservoir is also being constructed by means of a dam 52 feet high. It is expected that the lower plant will be completed in about two years, and that then the other installation will be started and will occupy three years to complete. The entire scheme is estimated to cost \$1,000,000 to \$1,170,000.

RAILWAY BUSINESS FOR MAY.

During May the railways of the United States received for their services to the public an average of \$8,230,000 a day; it cost to run their trains and for other expenses of operation \$5,920,000 a day; their taxes were \$311,500 a day; their operating income \$1,972,322 a day for the 220,597 miles of line reporting, or at the rate of \$8.93 for each mile of line for each day. Thus for every six dollars of their earnings which remained available for rentals, interest on bonds, appropriations for betterments, improvements and new construction, and for dividends, the railways had to pay more than one dollar in taxes.

All of these amounts are substantially greater than the similar returns for May, 1912. They are from the summary of the earnings and expenses compiled by the Bureau of Railway Economics from the monthly reports of the steam railways of the United States to the Interstate Commerce Commission. They include over 95 per cent of the mileage and earnings of all the railways of the country.—Bureau of Railway Economics.

COMPLETION OF A GREAT HYDRO-ELECTRIC PLANT.

With the completion by the Mexican Light and Power Company of its light and power plants in Mexico, another great hydro-electric work is about to be put in service. The main power plants have an aggregate capacity of 127,500 horse-power and auxiliary plants at four separate points bring up the total horse-power to about 150,000. The work includes large storage reservoirs in the mountains, tunnels through the intervening ridges of rock and transmission lines. The aggregate storage capacity is sufficient to keep the plants in operation for six months without any rainfall. The current will furnish light and power for the city of Mexico and its capacity is sufficient also to run the trolley systems in the city and the whole Federal district.—Scientific American.

The San Francisco Bulletin is publishing a lot of letters purporting to be from women of the Underworld. It proposes to be publishing all this to give the citizens of California insight into some of the horrors of the social evil so that steps may be taken to remedy existing conditions.

If this is truly its object it is going about it in the worst way that the subject could be approached. Most of the letters read as if they originated in the mind of some newspaper reporter. Much of it is nasty. Most of it neither prints a moral nor adorns a tale but is simply the story of a morbid life.

The Call printed an editorial last week in which it called attention to the

utterances of the press throughout the state in regard to this latest hobby of Fremont Older. The Bulletin promptly accused it of getting out the hammer. If some one don't knock on such a proposition where is the matter going to stop?

The Bulletin is evidently aiding the cause it professes to suppress. For the girls of the class it seeks to protect read the articles and are there informed of things they perhaps would not have thought of. It is a case of suggestion and printing a lot of stuff that is fiction in a great measure and which can do no one any good.

The United States Department of Agriculture has called a meeting in Pittsburgh for today, August 1st, to which many different societies have been invited to send delegates and which is to devote its attention to petroleum and its by products.

Inasmuch as petroleum and its products is occupying such a commanding position in the industrial life of today the meeting should be one of importance. The internal combustion engine, including the automobile, the aeroplane and the various forms of gas engines depend entirely upon the oil industry. So the increasing use in the navies of the world, not only in the battle ships, but in the merchant marine, oil has become an almost indispensable requisite, for no ship that burns coal can compete with oil burning vessels.

This movement in relation to the oil industry is being promoted by Mr. Irving C. Allen, expert in Petroleum in the United States Bureau of Mines, who has given the following statement on the object of his bureau:

"A study of petroleum and its products has never been thoroughly or comprehensively made within the United States.

"Since each year crude petroleum and gases are produced in the United States, having a value in excess of \$200,000,000, it is most important that a thorough study of these materials be undertaken.

"This study should include the origin, geology, statistics, drilling methods, transportation and uses of crude petroleum, and a critical and scientific description of petroleum of all kinds, including bitumen and gases."

The proposed technical body will work in co-operation with the International Petroleum Commission, organized in Paris as far back as the year 1900. This action on the part of the Bureau of Mines should receive the whole-hearted co-operation of everyone who is interested in the petroleum question, and particularly of the powerful manufacturing corporations which directly or indirectly are dependent upon the petroleum industry.

A registration of more than 143,000 is reported at the close of the books in the Registrar's office last Saturday night. This indicates that the people are taking an interest in the forthcoming bond election and if the bond election of last December is to be taken as a guide it is evident that the people will exercise some discrimination in their votes, however intelligent it may be.

No doubt some people will be misled by the loud noise about the in-

crease in taxation and increased property valuation on account of the increase in bonded indebtedness. It should not be forgotten that the street railway properties will pay for itself, that the Geary Street road is an accomplished fact and that the Union Street line is a paying investment. Not only will the municipal lines pay for themselves but they will furnish the people better service and compel the United Railroads to give better service. Such newspapers as the Chronicle are anxious about the taxpayers simply because the revenue of the private interests they represent are in danger. The big tax payers they purport to represent have in many cases acquired their holdings by plundering the people. And the real reason for their opposition is that they know that as soon as the municipality gets control of its own property and demonstrates that public utilities can be operated by the public at a profit that there will be an end to their private graft.

Some have expressed doubts as to the bonds being sold on the present market. They will meet as ready sale as any other bond of the municipality. And even if the city should have to sell them at a discount it would be a paying investment for we need the roads and need them badly. Every citizen will help to pay for them. So it's up to us to get out from under the domination of the United Railroads as much as possible.

HONORS ABOARD.

Mr. E. J. S. Cahill, of San Francisco, was recently elected a fellow of the Royal Geographical Society of London.

Mr. Cahill has devoted much time to the city planning problem, being one of the first in the United States to project city improvements on a broad scale. He has even been called the originator of the "civic center."

The "civic center" idea was first conceived by him in 1904, when he presented the idea to the late Daniel H. Burnham.

Among Mr. Cahill's contributions to geographic science is his newly invented project for laying out all the land of the world in one comprehensive map without exaggeration or distortion.

The only other member of the American Institute of Architects who enjoys the distinction conferred upon Mr. Cahill, is Ralph Adams Cram, of Boston.—Architectural Record.

PLANS FIRE DISTRICTS.

SACRAMENTO, July 31.—The experience of Marin county during the time when a fire on Mount Tamalpais threatened Mill Valley and several other towns in the vicinity has led State Forester Homans to begin a systematic investigation of forest areas in California frequented by summer vacationists, with the idea of suggesting that they be organized into fire districts.

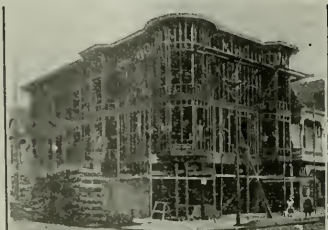
The field work in connection with the investigation is being carried on by J. D. Schoeller, one of Homans' assistants, who is now in the Santa Cruz mountains.

The investigation will cover the Lake Tahoe region and also the Russian River section.

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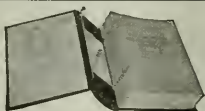


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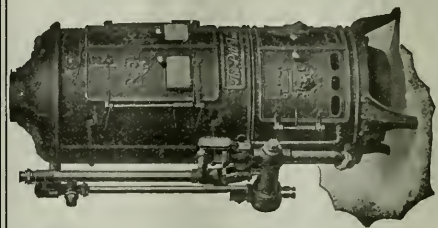
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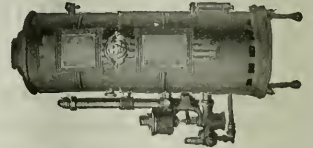
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Bird's Eye View Of Hayward Union High
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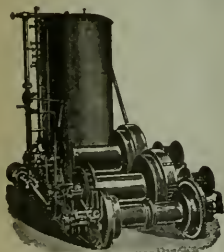
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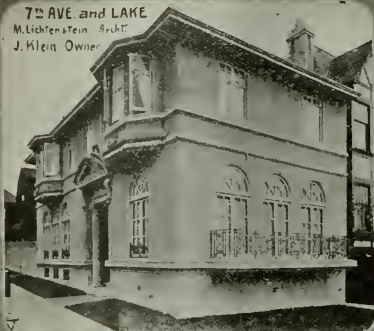


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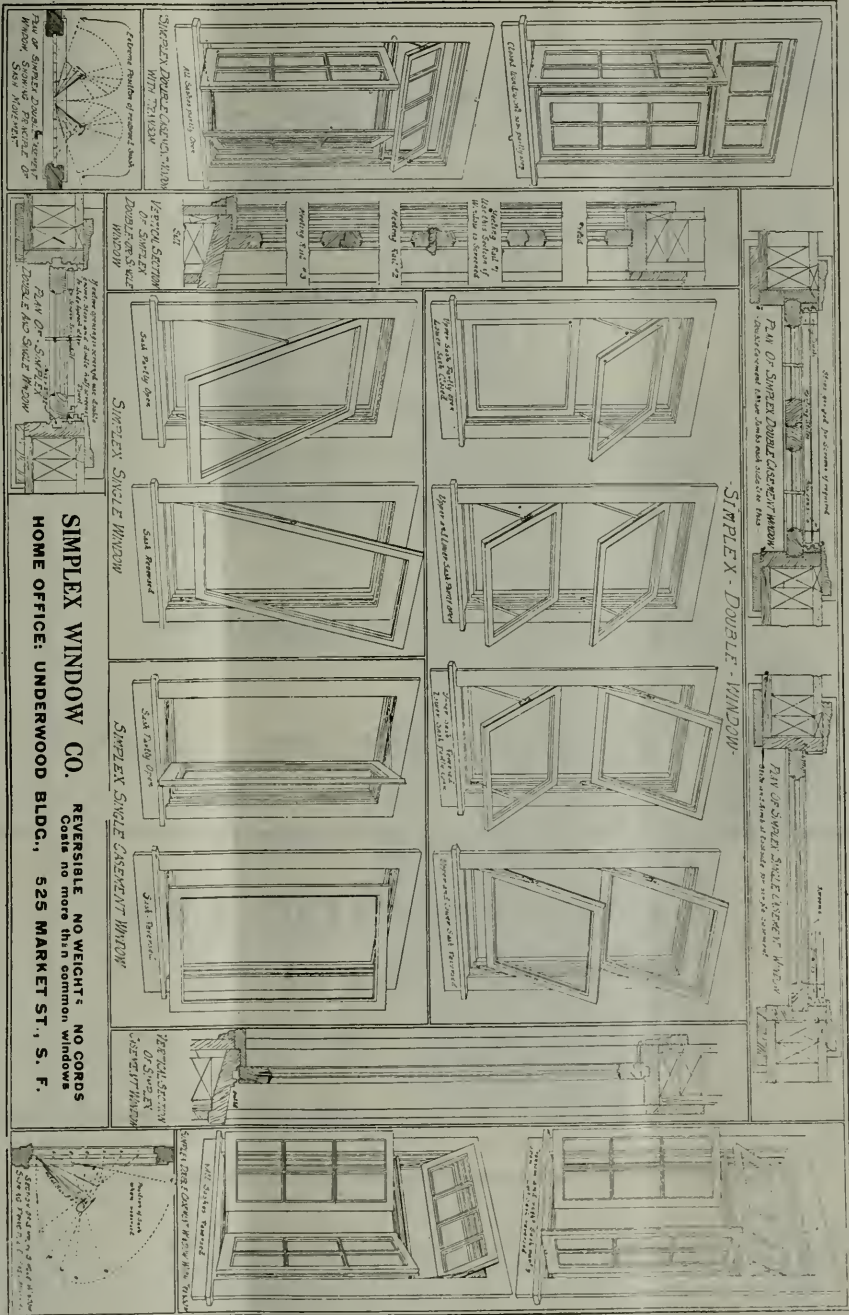
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Editorial Comment.

The record shows that \$5,362,000 was expended for automobiles in California during the month of July. This certainly indicates that business is good in the automobile line if nothing else. Perhaps a great majority who spend money for this luxury can ill afford to do so. Any way 2600 persons expended more than 5 million dollars for machines and it shows that there is no lack of interest in motoring. Ordinarily such an expenditure indicates a luxury. If that is so there is not much alarm over hard times at present in California.

The statement of the Railroad Commission concerning the earnings of the Wells Fargo Express Company in California is as follows:

Gross earnings per year \$4,568,436.18.
Paid to railroads, \$1,937,019.73.
Balance, \$2,571,416.45.
Operating expenses, \$1,729,318.91.
Profit for the year, \$842,097.51.
Value of the company's property used in California business, \$613,233.65.
Rate of return per annum, 136 per cent.

The proposal is to reduce these charges by \$750,000 per annum so that the company will receive a net income of 10 per cent on their investment. This is a fair rate for a public service corporation and one concerning which there should be no objection. It is said that the Express Company threatens to leave the state. If it does there would be plenty of capital to take its place. There has been a lot of talk and a lot of bunk handed out to the people about the peculiar abilities of Railroad magnates and bankers. That they possessed peculiar wisdom and all that sort of thing. The fact that when the nigger in the woodpile is discovered it is shown that about nine-tenths of their game is bluff.

The public agitation in the ranks of the progressive elements of both parties has reached a point where publicity is demanded of the business methods of all monopolies. There are no divine right Baers in modern industry. The man of ordinary intelligence has passed that stage of credulity.

Four laws have been held up by the Referendum petitions that have been filed. The Blue Sky law, the Red Light Alatement measure, the Law establishing a Water Commission and Act providing for the non-sale of game. The Water Commission Act and the Blue Sky Law are opposed by people interested in getting water rights and in promoting speculative enterprises. The

Red Light Measure and the Non-Sale of game enactment have partisans on both sides that vehemently believe in their position. They think that the present laws are sufficient so that matters will be voted on next fall.

So far no Initiative petition has been filed. The expense of getting signatures to a petition is so great that unless there is some interest to be served that an Initiative petition is out of the question unless there is a great popular demand for some measure. There was an agitation on foot to abolish the poll tax by Initiative petition but so far it has not materialized.

The popular government ideas of Initiative and Referendum are a safety valve on legislation. Under these restrictions the people can not be saddled with onerous laws without their consent. The general result will be for the good of the people.

Attention has been called to the habit of automobiles passing street cars that have stopped to allow passengers to alight by the fact that a Miss Barker was killed in Berkeley last Tuesday under just such circumstances. It seems to be a custom of many drivers to come up just as the car stops and attempt to pass at that particular time and many times without stopping or even blowing their horns. So, too, when passengers wish to take the car at crossings there will be about a dozen teams and automobiles come along and prevent one from taking the car. There should be some ordinance passed giving people the right of way of streets under such circumstances. And vehicles should be required to pass on the closed side of the car that is receiving or discharging passengers.

The Mexican situation seems to be assuming serious conditions in that there seems to be no party in the revolutionary republic of sufficient power to be said to be the real government. Huerta has assumed power under circumstances that are most revolting to any idea of justice and modern civilization. He came to power by intrigue and treachery and then assassinated his chief and several members of his family. He now demands that the United States government recognize his rule. President Wilson has wisely reserved his action and has sent a man of high character as a special ambassador to that country. It looks like Huerta was afraid of an impartial investigation, that the charges that foreign capital is his backers are true. The shooting of Dixon at El Paso and the action of Huerta seems to be some intrigue to force the hand of the United States.

The Value Of Trade Papers.

An Essay Read Before the National Association of Master Plumbers at Philadelphia,
By William J. Woolley, President, Indiana State Association.

Enthusiasm is the true leader of men: It is the spirit that knows no defeat. Emerson has branded it the motive power of success; the heart-to-heart quality that "gets" the bond of awakened sympathy.

The proper Energy and Enthusiasm makes a lever which with a prop of common sense will move the world. It called our forefathers from the field and bench, to repudiate the acts of their mother land, even at the cost of their own lives.

The true value of enthusiasm cannot be denied: The more of it we possess, the more success we attain. It has brought us together here today, and it alone will be responsible for the success of this meeting, and of the success of the projects started here this week.

So with this thought in mind, I believe that I could not offer a more fitting subject than the one I have chosen, for in my mind the trade paper is the generator, or in more fitting terms the mill that grinds out enthusiasm.

Language written and transmitted through the press, is the highest medium for enlightening, guiding and assisting men to the path of progress and success.

The writings of great men would not be purchased if the readers were capable of the same thought. There are few thinkers. Most people work mechanically, following in the paths of others, and if the leader falls, so do they.

The business world knows only those who are active, who do things; and such men invariably become leaders. The street urchin absorbs the ideas of others, and becomes a financial king—a power among men. The rich man's son allows these same ideas to go for naught, and often becomes a menace to society, a loafer and a disgrace to his family.

Man must progress, he cannot stand still. He must absorb the ideas of others; those ideas are published in the trade papers and for his benefit. It is a means of developing him for a higher plane, and a higher duty.

The Trade Paper produces and agitates the thought that moves us to action; it develops enthusiasm that pushes us to success.

For more than twenty-five years, the Trade Papers have been constantly grinding out enthusiasm, drafted by the many brilliant minds of our craft, and which to my mind is responsible for our wonderful progress, and I say wonderful, because it is in the true sense of the word. Thirty years ago, we represented merely a trade that installed luxuries, while today we are fast becoming merchants, whose ware is not a convenience of the highest type, but a necessity. One of the reasons we are here today combatting against some of the evils that now exist in connection with our business, is because we allowed our enthusiasm to ebb, which permitted the evils to creep in and develop in size, before we awoke to their harmfulness.

It is needless for me to go into details pertaining to the development of our craft by the influence created by the many practical, as well as theoretical articles published in each edition of the various Trade Papers, or comment upon the editorials offered, for I believe you gentlemen will concede to that end, and which is not the theme of this article.

We are here today representing our constituents. They have entrusted to us to act upon the many complex problems that confront our profession in the manner we deem best. Then as progressive men, as practical sanitarians, as master plumbers, let's establish a precedent, let's put forth a demand for publicity of all Association subjects, in detail, by the Trade Papers, for we cannot deny their usefulness, and which if taken advantage of, will permit us to gather the view of our entire membership on all questions, and at the same time give them a comprehensive conception of the work fostered by the Association, in a manner not otherwise attainable.

An organization, like an engine, will not run itself, but like the momentum of a fly-wheel, will run a long while after the power has been shut off, providing it has no load to carry. This, however, is wasted energy, for the turning of the mill stone without the supply of grain will not make flour.

We, as a trade, are blessed with a greater number of real live up-to-date Trade Papers, than any other trade organization to my knowledge.

They are equipped to grind out enthusiasm in unknown quantity. All they need is the grain, and it's up to this National organization to provide ways and means to secure the material needed.

What we need and should have is a National publicity committee, whose duty should be to see that each and every edition of all the Trade Papers carries at least a page of good, live facts pertaining to the National Association. The kind of material that makes enthusiasm boil out of every muscle in a man's body, and sets him to work, is the kind that should be published.

The time is ripe for some action of this character. Too little publicity has been given the many prominent features of our organization by the Association direct. There is no better way to reach the craft by the officials than through these mediums.

The Trade Papers have not been given enough consideration. We take them as a matter of fact; we seem to think it our pronounced duty to publish Association news from every part of the country, furnish complete reports of the open sessions of the State and National conventions, accompanied by expensive illustrations, and we are ready to jump upon them promiscuously for not publishing our photographs, even though we failed to send in our subscription regularly.

I have found men in our organization who were selfish enough to ensure a Trade Paper because an article

had appeared that was not in accord with his views. He failed to take into consideration that the article was written by one connected with the trade who wished his views considered and debated upon, and with a view of benefiting the craft.

If such men wanted to be fair they would use the columns of this same paper in placing their objections to the article, and not by going among their friends misleading them into unjust criticism of the paper itself.

Many of us have traveled thousands of miles to be present here this week, to listen to the thoughts of the bright minds of the men in this room, and it is a priceless experience. We would appreciate a like conference every week in the year, but this would be a prohibitive cost. But as a matter of fact we can have such a conference, for every week or every other week your Trade Paper publishes thoughts of these very men, and it is your privilege to omit what you do not want, and profit by what suits your case.

Handicapped as they are, the Trade Papers have been responsible for the master plumbers of various cities becoming converted to the need of organization, by editorials and articles published, and the possibilities of further development along this line is inconceivable, if the proper attention was diverted in this channel.

The columns of the Trade Press are open to the news of the Local, State and National Associations at absolutely no cost, and there is no other way in which the news can be circulated without cost to the members.

The Association officer who does not avail himself of this opportunity is not fulfilling his obligation and the trust placed in him by his fellow craftsmen. To sacrifice his constituents because of a personal grudge against some particular paper is not in accord with the dignity of the most minute officer of the Association, and an officer who takes such a stand should be openly censured. I am happy to say that I do not know of any instance where officers of our organization have taken this attitude.

Time changes all things; even the constitution of this grand old country is beginning to show ragged edges, and there is a growing demand for a change.

So it is in our National organization. Our method of installation, the class of fixtures, and our method of conducting business; have all made radical changes since the days when they "built better than they knew."

We are all aware of the necessity of publicity or advertising from a business standpoint, and the Association can take no exception. The United States Government uses printer's ink in soliciting recruits for army, navy and Federal positions, and so must our National Association.

One of the reasons we have so many unorganized centers in the United States today can be attributed to the lack of publicity. Personally I am convinced of this fact. Two years ago

the State of Indiana was practically unorganized, so far as a working organization was concerned. There were only two local associations in the State holding regular meetings. Indianapolis, the largest city in the State, had only seven members in good standing; non-members were of the opinion that the State and National Associations were, to use their term, "about all in." Others were of the opinion that the meetings of the State and National Associations were not held for business purposes, but just a big pleasure party, and they didn't feel disposed to contribute for the pleasure of others. They had drawn these conclusions because they rarely heard of any of the work of these organizations over the signatures of the Association officers.

The Trade Paper's reports of the conventions are usually lengthy, with a great deal of space taken up by characterizing each of the many events, which is essential, but in this way the important transactions of the convention are scattered, and are apt to be overlooked by the non-member, or by the aggressive member.

A message, or even a thought from the minds of the Association officers, reproduced each issue in the trade magazines, will create interest and keep life in the Association. The American people want encouragement from those who are leaders.

During the first six months of 1912, as the President of the Indiana State Association, I mailed something over 1,500 letters to the non-members in that State, and the result was overwhelming, but this was expensive to the Association and to myself. Then we tried a State Paper, which was equally as beneficial in bringing in new members and kindling enthusiasm, but this too is an expense, and a burden upon the members, especially upon the one whose duty it is to see that the pages of each issue are filled with readable matter.

I have exercised every available opportunity in using the columns of the various Trade Papers to further the Association work in my own State, and I feel duly grateful for the services rendered me by them.

With this personal experience of rebuilding a State membership that had been allowed to lapse, owing to the lack of enthusiasm, I feel that I am in a position to testify to the advantages and prestige the National Association could acquire, if a limited amount of time was sacrificed by the men higher up in Association affairs in writing brief or suggestive articles pertaining to the Association, and published at intervals in the various Trade Papers. These articles should be brief and to the point in order to attract attention, and a constant reminder of this character would bring recruits.

I have heard exceptions taken to this argument, upon the grounds that many men do not read Trade Papers, but my convictions are that the man who hasn't time to read the trade papers is generally the type of man who hasn't time to collect his bills or file his correspondence or attend his local meetings; and he will not find time to attend his own funeral, for he is already dead.

The value of the Trade Paper cannot

be estimated, if its pages are used scientifically by this organization. We can readily remedy many of the evils we are now combating, if we direct more attention to the use of these publications.

Gentlemen, I have tried to make my views plain, and I hope this convention will interpret my views as I see them, for I am a profound believer in publicity, and I am not ashamed to admit that I read my trade papers from cover to cover, scanning through every advertisement in order to keep up-to-date upon new tools or devices of merit that are placed upon the market from time to time, and I make every effort to see that my men do likewise, for it also benefits me.

TAR MACADAM ROADS.

With the advent of the automobile two problems were created on the trunk roads in all countries which the various road authorities have since been endeavoring to solve as efficiently and as economically as possible—the abatement of the dust nuisance and preservation of the surface of the roadway.

The South Vancouver council has recently decided upon two steps which, though at first glance they may not seem to have any connection with each other, are yet very closely allied. The council has decided to engage the services of a consulting engineer to advise as to the practicability of establishing a municipally owned gas plant on the North Arm of the Fraser River, and they have given a contract to the M. P. Cotton Company to oil five miles of roadways in the municipality at a cost of \$175 per mile. The council has also decided to permanently pave Main and Fraser streets with creosoted wood blocks. The oiling and the paving propositions have two main objects, the abating of the dust nuisance and the preservation of a good road surface; and, though these two objects would at first appear to have no connection with the proposal to establish a municipally owned gas-making plant, there is, as a matter of fact, a very close connection.

Probably in no country in the world are there better trunk roads than those running throughout the length and breadth of the British Isles. In recent years nearly all of these roads have been treated either with raw coal tar, which is a product derived from coal during the process of manufacturing gas. The method of treatment varies, but whether raw tar is used or the more expensive preparations, the result of treating a road surface with coal tar is practically the same; a good, solid surface, practically dustless, yet impervious to water during wet weather. While the road construction engineers are settling the question of the best method of treatment to their own satisfaction, it may be interesting to record the result of an experiment carried out by the municipal engineer to one of the urban authorities on the North Wales coast over a period of five or six years. The highway between Holyhead and Chester runs through his district, and in addition he has many miles of roadways under his control. The municipal council owns the gas works, and for the past five or six years the engineer has been experimenting with various

preparations of tar and with the raw tar as it comes direct from the gas works, for the purpose of treating the roadways under his control; and, as a result of his experiments he has come to the conclusion that the tar direct from the gas works gives the best results.

The method which the engineer in question employs is a very simple and inexpensive one, working out in his case at less than a cent per square yard for the actual spraying and cost of tar after the roadway had been prepared for the treatment.

The first essential for the success of tar spraying is good, even-surfaced macadamized roadway with a fairly level top; that is to say, with less fall to the sides than would be necessary if the surface was not to be sprayed. After the roadway had been thoroughly rolled the engineer had the road brushed, thus removing all dust and loose stones and soil. An old water cart or sprinkler was then taken to the gas works and filled with warm raw tar, and on arrival at the piece of roadway to be treated the tar was sprinkled over the surface in exactly the same way as would be done in sprinkling water to lay the dust, the only difference being that two men followed the sprinkler armed with wide rubber squeegees with which they distributed the tar evenly over the surface of the roadway, one-half of which only was treated at once, leaving the other half open to traffic and paths across the tarred half for foot passengers.

Dry weather is the second essential for success in tar-spraying, because two days are necessary to allow the tar to percolate into the roadway. Given those three essentials—a good macadamized surface, dry weather during operations and evenly distributed sprinkling of tar—a road surface is produced which is impervious to water and is practically dustless.

A second sprinkling a few months later will still further improve the roadway, and with a third sprinkling a surface is produced equal to the most expensive asphalted pavement to be found anywhere.—Canadian Engineer.

The State Highway Of California.

A Permanent and Enduring Roadway Being Constructed, Notwithstanding Newspaper Reports.

In all the attacks by the press in the Johnson administration, nothing has equalled in absolute mis-statement and misrepresentation the attempts that are being made to discredit the road construction of the State highway system.

It is represented that because of politics the highway commissioners are not planning durable construction but are stretching the funds as far as possible and providing a "gingerbread roadway," calculated to last only "until Governor Johnson shall have gone out of office."

To serve a maximum of communities with a fake highway system is, in effect, alleged to be the purpose of the State administration.

The fact is that the policy of Gov-

ernor Johnson and the Highway Commission has been emphatically just the contrary of what is charged. From the very first, the Highway Commission has laid down the principle that the best use of the people's money was to build for durability. The substantial road would be the object lesson, the Commission reasoned, that would encourage the public to vote the funds in future needed for the completion of the system, for which the \$18,000,000 that has been provided is wholly inadequate.

The idea of permanence, for which the Commission has stood so strong, necessarily led to curtailment of the amount of roadway that could be built and how steadfastly the policy has been adhered to is evidenced by the resistance that has been shown against the petitionings and clamorings of many communities of the State that the highways shall be extended so that they might enjoy the use of them.

Instead of "leaving the state a gigantic system of broken-down highways," it is the pronounced purpose of the State administration to build well as far as funds will allow, and to leave it to the future to carry to completion the splendid scheme of highways.

The road construction between San Francisco and San Jose is particularly the object of attack. How unfair to the Commission these outbursts are may be judged from the fact that more money is being expended per mile in this piece of roadway than anywhere else in the State.

The indictment of the entire road construction is based on a section of less than two miles, between Beresford and San Mateo, where a crushed rock base of from five to seven inches is being laid, to be covered with an inch and a half of sheet asphalt. Elsewhere in the state a four inch base of concrete is being used. This fact is ignored by the press, which tries to make it appear that all the construction in the state is to be of this "flim y" character.

In the first place, the real road authorities say the Beresford-San Mateo construction is not "flimsy," is emphatically not a "cheat," as is charged, but makes a very durable roadway, as has been proved in many places in the country, notably San Joaquin County.

The reason for this construction between Beresford and San Mateo was that there had been a previous crushed rock construction and the Commission decided to utilize the base it found there.

Instead of a general use of this crushed rock base over the State system, the Commission has let contracts for only eleven and a half miles. In the aggregate, for this character of road of the 2700 miles of the State system, approximately 900, in mountain regions, will be of graded dirt. The remaining 1800 will be of high grade pavement. The most of this pavement will be of four inch concrete, with an asphaltum blanket half an inch thick. This sort of construction will cost about eighty-five hundred dollars a mile. The concrete will represent ninety-five per cent of this cost.

Such a four inch base will afford a durability that will stand up, for all practical purposes, under road traffic in any part of California. The question

has been studied with utmost care and with the help of the best expert opinion.

It would be possible to construct roadways of higher durability, but the cost would increase in a rapidly rising proportion. Eighty-five hundred dollars per mile is a cost that means excellent roadways requiring only a reasonable amount of money for upkeep, considerably less than what interest would be on the additional expenditure a material increase in durability would entail.

The libelous attacks on the Highway Commission demonstrate the helplessness of the hostile press in trying to "get something on" the Johnson administration. For many months these papers have watched lynx-eyed, but their vigil has been in vain. The Progressive administration has not served, in the remotest degree, a single special interest. Special privilege has been absolutely unable to break its way into favor at Sacramento. This fundamental weakness in American government is banished from California.

nia under Governor Johnson, and the special interests newspapers are moved to the utmost in their bitterness of assault.

The Railroad Commission, under Progressive management, slashes express rates, ending monopoly exactions which have been imposed on a long-suffering public. A few days later comes a campaign of denunciation of the State administration, not as regards the express rate decision, but in connection with so entirely remote a matter as roadway construction.

It is an unvarying course. Whenever the Railroad Commission has hit the special interests hard, and corrected a flagrant abuse, there has always followed a violent outbreak somewhere against Governor Johnson's administration. It seems reasonable to assume, therefore, that there is some relation between the smashing of extortionate express rates on the one hand and the appearance, on the other, of the vicious attacks on the Highway Commission.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, D. J. Patterson, Mechanics' Institute Bldg., S. F. Owner, Mrs. Amy J. Patterson. The building will be erected on the east side of Divisadero street near Duboce avenue, and has been designed to contain six modern suites of three and four rooms. Interior will be finished in pine with some elm panels and hardwood floors. Bath rooms will have the wainscot and floors. Plans provide for a central heating system, but this work will not be included in the general contract. Open fire places will also be installed. Mantels will be of brick or tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, J. Sokolov. The building will be erected on the west side of Folsom street south of 17th street, and will cover an area of 25x72 feet. Suites will contain two and three rooms with bath. Interior will be finished in pine with some hardwood veneer. There will be a central heating system, but this work will not be included in the general contract. Bath rooms will have tile wainscot. All suites will be equipped with wall beds. Exterior of the building will be covered with cement plaster on metal lath, brick veneer base and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$18,000. Architect, Fred B. Wood, 2211 Steiner St., S. F. Owner, E. M. Greenwood. This building will be erected on Larkin street south of Greenwich and will have a street frontage of 37½ feet by a depth of 86 feet. Interior will contain fifteen suites of two, three and

four rooms. There will be steam heat and a hot water system. Interior will be finished in pine, hardwood and elm panels. Some hardwood floors will be used. Bath rooms will have composition floors and tile wainscot. All suites will be equipped with wall beds. Marble and tile will be used in the entrance lobby. Exterior of the building will be covered with cement plaster on metal lath, brick veneer base and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$24,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Ludwig Bless. The building will be erected at the northeast corner of California and Ellick Lane, a small street between Powell and Mason, covering an area of 60x70 feet. There will be a total of fourteen suites containing two, three and four rooms. All suites will have private bath rooms and wall beds. Interior finish will be of pine with some hardwood veneer. There will be steam heat, an automatic elevator and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. M. Maher. The building has been designed to contain six suites of two and three rooms and will be erected at the southeast corner of Cole and Fulton streets, covering an area of 25x62 feet. Interior finish will be of pine with elm panels and some hardwood floors. Rector system of heating will be installed. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile and will have composition floors. Tile and marble will be used in the entrance. Exterior of the

building will be covered with cement plaster on metal lath. Plans are complete and a contract will be awarded this week.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, Albert Schroepfer, Foxcroft Bldg., S. F. Owner, Ella Blackman. The building will be erected on the north side of Sacramento street east of Polk street and will cover an area of 30x77½ feet. Plans provide for six well arranged apartments of two, three and four rooms. All suites will have wall beds — and private bath rooms. Interior finish will be of pine, elm and hardwoods. There will be a central heating system and hot water supply. Bath rooms will have composition floors and tile wainscot. Tile and marble will be used in the vestibule. Exterior of the building will be covered with rustic and brick veneer. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, David Harris. The building is to be erected at the southeast corner of Ellis and Farren avenue, covering an area of 30x67½ feet. Plans show nine suites of two and three rooms, all with private bath. Interior finish will be of pine, elm panels and some hardwood floors and veneer. A central heating system will be installed. Bath rooms will have composition floors and tile wainscot. Entrance vestibule will have marble wainscot. All suites will have wall beds and hot and cold water will be supplied to all rooms. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and figures are being taken.

SACRAMENTO, CAL. — Apartment house, 5 story and base. Class A construction. Cost not stated. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Dr. Faris. This work has been mentioned here a number of times before when plans were being prepared and first out for figures. Bids received were all in excess of the amount available and revised plans, eliminating one wing have been prepared. Construction will be fireproof throughout with reinforced concrete walls, floors and metal lath and plaster interior partitions. Interior finish will be of cedar, pine and hardwoods. Exterior of the building will be faced with pressed brick. Revised plans are now being figured.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$80,000. Architect, none. Owner, L. E. Curtaz. This building will be erected at the northwest corner of Bush and Leavenworth streets, having a frontage on Bush street of 87½ feet and on Leavenworth of 57 feet. The building will have a steel frame and exterior walls of concrete and brick, faced with pressed brick. Plans provide for a number of two and three room suites all with private bath rooms. Interior finish will be of pine with some mahogany used in the entrance and lobby. Bath rooms will have cement floors and tile wainscot. Tile will also be used in the kitchens and toilets. All suites will be equipped with wall beds. There will be steam heat, two elevators, a vacuum cleaning system and hot water

system. Marble and tile will be used in the entrance vestibule. Plans are in the hands of the owner who will sublet all parts of the work.

LOS ANGELES, CAL. — Apartment house, 4 story and base, brick and steel. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owner, Mrs. George J. Ley. The building will be erected on a corner site and will cover an area of 60x115 feet. Plans show 106 rooms arranged in suites of two and three rooms with private baths. Interior finish will be of pine with some hardwood floors and veneer. All suites will be equipped with wall beds. There will be steam heat, an automatic elevator, vacuum cleaning system and hot water system. Marble and tile will be used in the entrance vestibule. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

SAN FRANCISCO—Apartment houses, 2, 3 story and base. Class C construction, \$15,000 each. Architect, N. W. Cannon. Conn. Co., Monadnock Bldg., S. F. Owner, Theodore Bielenberg. Hotel Herald. Contractors, N. W. Cannon. Conn. Co., Monadnock Bldg., S. F. Plans are now being prepared for two buildings which will be erected on adjoining property on the south side of Turk street east of Polk. Each of the buildings will be arranged for two and three room suites. Interior finish will be of pine throughout. There will be a central heating system and hot water supply. Interior finish will be of pine and hardwood. All suites will have connecting baths and wall beds. Exteriors will be faced with either pressed brick or cement plaster. Construction will be started as soon as plans can be completed.

LOS ANGELES, CAL. — Apartment house, 2 story and base, brick, \$16,700. Architect, Charles F. Helmle, Lissner Bldg., L. A. Owner, J. A. Kerchgraber. Contractors, Monarch Investment Co., Security Bldg., L. A. Contract price, \$16,700.

BANKS.

FRESNO, FRESNO CO., CAL.—Bank vault, reinforced concrete. Cost not stated. Architect, Eugene Mathewson, Fortyeth Bldg., Fresno. Owners, First National Bank of Fresno. Plans are now being prepared for a reinforced concrete bank vault, two stories in height and covering an area of 22 feet square. The vaults will weigh 123 tons. Special doors and entrances will be provided. Full particulars can be secured from the architect. Plans will be complete within a week or ten days.

BRIDGES, DAMS AND HARBOR WORK.

BLACK POINT, MARIN CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineers, County Engineers of Marin and Sonoma Counties. Owners, Marin and Sonoma Counties. The Marin County Board of Supervisors agreed to join with Sonoma County in the construction of a bridge across Petaluma River at Black Point, and have sent a committee to confer with the Sonoma Supervisors on the money

to be set aside. This is the result of the visit made to San Rafael by the Sonoma Valley boosters. Further particulars will be given as the plans progress.

Contracts Awarded.

SACRAMENTO, CAL.—Bridge, steel and concrete, \$83,962. Engineer, County Engineer, Sacramento. Owners, Sacramento County. Contractors, Ross Construction Co., Sacramento. Contract price, \$83,962.

PORTLAND, ORE.—Municipal dock No. 1, timber and concrete construction, \$200,000. Engineers, Portland Harbor Commission. Owners, City of Portland. Contractors, Lewis A. Hicks Co., Rialto Bldg., S. F. Contract price, \$210,000.

CHURCHES.

GLENORA, LOS ANGELES CO., CAL.—Church, 2 story and base, reinforced concrete, \$25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, Methodist Episcopal Church of Glendora. The building has been designed in the Gothic style and will cover an area of 76x100 feet. Plans provide for a main auditorium seating 500 people with an adjoining lecture hall seating 200 people. These two rooms may be thrown together by means of sliding doors. Besides these features there will be 23 class rooms, two department lecture halls, social hall and pastor's study. Interior finish will be of pine throughout. A plenum system of heating and ventilation will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

SNOHOMISH, WASH.—Mausoleum, 1 story, reinforced concrete, \$25,000. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, Northwest Mausoleum Co. The building will be similar in construction to a number of other mausoleums built by the same company. There will be 24 receptacles. Exterior of the building will be faced with cement plaster and cut stone. Plans will be completed shortly and figures will be called.

Contracts Awarded.

OAKLAND, CAL.—Synagogue, 1 story and base, brick and steel, \$65,000. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owners, First Hebrew Congregation of Oakland. Contractors, Schnebly-Hostrawser & Pedgrift, First National Bank Bldg., Oakland, general construction. Contract price, \$65,000.

COLTON, SAN BERNARDINO CO., CAL.—Church, 1 story and base, brick and frame, \$19,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Jewel Methodist Church of Colton. Contractors, Campbell & Ward, Colton. Contract price, \$18,000.

COURT HOUSES.

MERCED, MERCED CO., CAL.—Hall of Records, 1 story, base and mezzanine floor, reinforced concrete, \$50,000. Architect, H. C. Russell, Humboldt Bank Bldg., S. F. Owners, Merced County. Architect Russell has just been commissioned to prepare plans for this building which will be fireproof. The County Supervisors, acting in conjunction with the City Trustees, are developing a Civic Center which now includes the County Court House, Library and will shortly contain the

new Hall of Records. Besides a large public space the new building contains the County Recorder's office, work space and special vaults. Interior finish will be of pine and hardwoods. A tile floor will be used. Exterior of the building will be faced with cement plaster. Bids will be called for as soon as plans can be completed, which will probably be sometime during this month.

SAN FRANCISCO—City Hall steel erecting. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. P. Owners, City and County of San Francisco. Bids were opened at the Wednesday meeting of the Board of Public Works for hauling, erecting, riveting and painting the steel work for the new City Hall. Bids were taken on a tonnage basis, three sets of figures being received. Blume Construction Co., were apparently low on the work. A complete list of the bids will be found under the heading of San Francisco in this issue.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse, 3 story and base, brick and steel, \$50,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Orville C. Pratt, Jr. This building, which is to be erected at the northwest corner of Spear and Howard streets, has been mentioned in these columns before. The entire structure has been leased to a well known wholesale grocery firm. The structure will cover an area of 68 feet 9 inches by 137½ feet. A portion of the building will be finished for offices and the balance will be used for shipping departments and stock space. Plans provide for two freight elevators, special vaults and metal window sash and frames. Exterior will be faced with stock brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Warehouse, 2 story and base, brick and steel, \$30,000. Architect, Aaron Gould, Worcester Bldg., Portland. Owners, National Ice Co. The building has been designed for a cold storage plant. No interior finish has been specified. There will be special machinery and equipment. A large freight elevator will be installed. Specifications provide for metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

ALBINA, ORE.—Stables and shop, 2 story and base, reinforced concrete, \$60,000. Architects, Emil Schacht & Sons, Portland. Owners, Star Sand Co. The building will cover a ground area of 100x150 feet, and will be absolutely fireproof. Basement will be used for wagon storage, first floor for stables and a blacksmith shop, and the second floor for a wagon shop and storage space. Metal window sash are specified. There will be concrete floors fireproof roof. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, E. H. Hildebrand, Crocker Bldg., Owner, E. H. Hildebrand. The building will be

erected on the west side of Larkin street north of Union and will cover an area of 25x72½ feet. There will be six apartment flats, three and four rooms with baths. Interior finish will be of pine with elm panels and some hardwood floors and veneer. Bath rooms will be finished in tile and will have composition floors. There will be open fire places in the living rooms with brick or tile mantels. Exterior of the building will be covered with cement plaster on metal lath and brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats and stores, 3 story and base, frame, \$12,000. Architect, Earl B. Scott, Humboldt Bank Bldg., S. P. Owner's name withheld. The building is to be erected on California street in the Richmond District, and has been designed to contain two stores on the first floor and four flats on the upper two floors. Each flat will consist of five rooms and bath. Interior finish will be of pine with some elm panels and hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will have composition floors and tile wainscot. Each living room will have an open fire place with brick or tile mantel. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

GOVERNMENT WORK AND SUPPLIES.

Supervising Architect, Pending Projects.

The following projects are pending in the office of the supervising architect, bids for which have been opened on dates as indicated:

Casper, Wyo., construction, April 7. Chicago, Ill., fire protection system, June 30.

Fresno, Cal., hoistway and freight lift, July 17.

Grand Junction, Colo., construction, June 24.

Grass Valley, Cal., construction, June 30.

Douglas, Wyo., construction, April 12. Pocatello, Idaho, construction, May 28.

Port Townsend, Wash., heating boilers, July 21.

Air Compressor, Etc., Puget Sound.

All bids received for air compressor, etc., for the navy yard, Puget Sound, Wash., have been rejected and a new call for bids issued, the official advertisement appearing elsewhere in this issue.

Pending Projects, Yards and Docks.

No action has yet been taken on bids opened at the bureau of yards and docks on dates indicated below:

Mare Island, Cal., dredging channel and basin; also San Diego, Cal., one wooden coaling tower and appurtenances.

Gate-Operating Mechanism.

Under bids opened at the U. S. Reclamation Service, Los Angeles, Cal., for radial gate-operating mechanism for the Mindoka project, the contract has been awarded to the Union Machine Co., of San Francisco, Cal. A complete abstract of the bids appears elsewhere in this issue.

Sacramento, Cal., Screens.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing door and window screens for the U. S. post office at Sacramento, Cal.:

Willer Mfg. Co., Milwaukee, Wis., \$1,800.

The E. T. Burrows Co., Portland, Me., \$1,822.

The Robbins Mfg. Co., Chicago, Ill., \$1,842.

W. B. Rohl, Sacramento, Cal., \$3,480.

Campbell & Turner, Sacramento, Cal., \$3,516.

California Planing Mill, Sacramento, Cal., \$3,580.

C. J. Mathews, Sacramento, Cal., \$4,150.

Coal-Handling Plant, San Diego.

The following bids were opened July 26 at the bureau of yards and docks, Navy Department, for one wooden coaling tower and appurtenances at the naval coal depot, San Diego, Cal.:

The Snare & Triest Co., 233 Broadway, New York city, \$29,750.

C. W. Hunt Co., Inc., West New Brighton, N. Y., \$23,672.

Reinforcement Bars.

The contract for furnishing reinforcement bars for the U. S. Reclamation Service, Montrose, Colo., has been awarded under bids opened July 14 to the Colorado Fuel and Iron Co.; delivery f. o. b. Pueblo, Colo., for the sum of \$1,177.81.

Dredging, Mare Island.

The following bids were opened July 26 at the bureau of yards and docks, Navy Department, Washington, D. C. for dredging channel and basin in Mare Island Strait and removing rocks at Vallejo, Cal.:

Item 1, per cubic yard for dredging and disposing of mud in channel and basin; 2, per cubic yard for dredging and disposing of that part of commission rock to be excavated to a depth of 30 feet; 3, do, to a depth of 20 feet.

S. G. Hinds, 14 Montgomery street, San Francisco, Cal., item 1, 7.27c; 2, \$1.40; 3, \$2.75.

N. R. Harms, 23 California street, San Francisco, Cal., item 1, 8.5c; 2, \$2.10; 3, \$1.90.

Hawaiian Dredging Co., Honolulu, H. I., item 1, \$8.87c; 2, \$5.95; 3, \$3.87.

Standard American Dredging Co., Oakland, Cal., item 1, \$7.5c; 2, \$3; 3, \$1.75.

Insulators, Mindoka Project, Idaho.

The following bid was opened by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing insulators as follows:

Item 1, 1,500 porcelain insulators; 2, 200 strain insulator chain.

Western Electric Co., Los Angeles, Cal., item 1, \$83.25; 2, \$32; time 60 days; delivery East Liverpool, Ohio.

Reinforcement Bars.

The following bids were received by the U. S. Reclamation Service at Montrose, Colo., for furnishing about 7,000 pieces steel reinforcement bars for concrete:

The Calumet Steel Co., f. o. b. Chicago, Ill., \$808.50; discount, \$8.09; freight, \$317.90; net cost, \$1,148.31.

Colorado Fuel and Iron Co., f. o. b. Pueblo, Colo., \$1,030.70; discount, \$5.15;

freight, \$152.26; net cost, \$1,177.81.

The Concrete Steel Co., f. o. b. Pittsburgh, Pa., \$796.34; discount, \$3.98; freight, \$396.07; net, \$1,188.43.

Cambria Steel Co., f. o. b. Johnstown, Pa., \$819.77; discount, \$4.10; freight, \$378.90; net, \$1,194.17.

The Concrete Steel Co., f. o. b. Chicago, Ill., \$880.66; discount, \$440; freight, \$306.59; net, \$1,208.85.

Corrugated Bar Co., f. o. b. Buffalo, N. Y., \$816.34; discount, \$4.08; freight, \$104.95; net, \$1,171.21.

Jones & Laughlin Steel Co., f. o. b. Pittsburgh, Pa., \$831.48; discount, \$416; freight, \$396.07; net, \$1,223.39.

Illinois Steel Co., f. o. b. Gary, Ind., \$916; discount, \$4.58; freight, \$313.92; net, \$1,223.34.

Wm. B. Hough Co., f. o. b. Gary, Ind., \$935.13; discount, \$4.68; freight, \$342.37; net, \$1,272.82.

The Calumet Steel Co., f. o. b. Montrose, Colo., \$1,237.70; discount, \$13.38; net, \$1,243.32.

Substation Equipment.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing substation equipment for the Minidoka project, Idaho:

Item 1, 6 350-K. V. A. transformers; 2, 5 panel switchboards; 3, 2 33,000-volt oil switches; 4, 1 3-phase, 30,000-volt lightning arrester; 5, 2 33,000-volt air brake switches; 6, 1 maximum demand recording device.

General Electric Co., Los Angeles, Cal., deliveries at Pittsfield, Mass., Schenectady, N. Y., and Lynn, Mass., item 1, \$6,699, 105 days; 2, \$1,962 105 days; 3, \$1,498, 105 days; 4, \$711, 105 days; 5, \$190, 105 days; 6, \$685 105 days.

Westinghouse Electric and Mfg. Co., Los Angeles, Cal., deliveries East Pittsburgh, Pa., item 1, \$7,640, 50 days; 2, \$2,018, 90 days; 3, \$1,032, 75 days; 4, \$453, 90 days; 5, \$231, 50 days; 6, \$588, 90 days.

B. F. Kierulff & Co., Los Angeles, Cal., delivery Fort Wayne, Ind., item 1, \$5,310; 65 days.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 1, \$5,628, 90 days.

Allis Chalmers Co., Los Angeles, Cal., delivery East Norwood, Ohio, item 1, \$6,780, 100 days.

Wagner Electric Co., Los Angeles, Cal., delivery St. Louis, Mo., \$6,900, 120 days.

General Electric Co., Schenectady, N. Y., lump-sum bids as follows: For items 1, 2, 3, 4, 5, and 6, \$11,339; for items 2, 3, 4, 5, and 6, \$4,640.

Westinghouse Electric and Mfg. Co., lump-sum bid for items 2, 3, and 4, \$3,370; for items 1, 2, 3, and 4, \$10,940.

Gate-Operating Mechanism.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing radial gate-operating mechanism for Minidoka project:

Item 1, four radial gate-operating mechanisms, with cast steel gears; 2, do, with cast iron gears and steel pinions.

Union Machine Co., San Francisco, Cal., item 1, \$1,815; 2, \$1,712; ship from San Francisco 60 days, G. E. two H. P. motor.

United Iron Works, Los Angeles, Cal., item 1, \$2,085; 2, \$1,995; time 90 days, shipment from Oakland, Cal.; Westinghouse or G. E. two H. P. motor.

Minneapolis Steel and Machine Co., Minneapolis, Minn., item 1, \$2,150; 2, \$2,037; time, item 1, 55 days; 2, 45 days; shipment from Minneapolis; Ideal two-H. P. motor.

Hiuman Hydraulic Mfg. Co., Denver Colo., item 1, \$2,400; 2, \$2,400; time, item 1, 90 days; 2, 60 days; shipment from Denver; General Electric three-H. P. motor.

Fulton Engine Works Los Angeles, Cal., item 1, \$3,051; 2, \$2,520; time 75 days; shipment from Los Angeles; Westinghouse two-H. P. motor.

Llewellyn Iron Works, Los Angeles, Cal., item 1, \$4,508; 2, \$4,068; time, item 1, 50 days; 2, 80 days; shipment from Los Angeles; Westinghouse two-H. P. motor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, concrete and steel, \$30,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Louis Samuels. The building will be erected on the south line of Post street west of Jones, and will have a street frontage of 77½ feet by a depth of 137½ feet. The building has been designed for a commercial garage and has already been leased. Construction will be fireproof with concrete walls and floor and steel roof trusses. Interior of the front portion of the building will be finished in pine and balance left unfinished. There will be metal window sash and frames. Exterior will be faced with cement plaster. Mr. Meussdorffer will furnish only the architectural plans and engineering drawings and superintendence will be furnished by Engineer L. M. Hausman, Nevada Bank Bldg. Plans are now being prepared.

SAN FRANCISCO—Garage and sales rooms, 2 story and base, brick and steel. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. This building, preliminary plans for which are now underway, will be erected south of Market street. The structure will cover a considerable area and has been designed for an automobile sales room and garage. Interior of the front portion of the main floor will be handsomely finished. Tile floor and hardwood veneer will be used. Upper floor will be used for storage space, repair shop and shipping department. Construction will include elevator and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

TULARE, TULARE CO., CAL.—Garage, 1 story and base, reinforced concrete, \$40,000. Architect, L. F. Platt, Tulare. Owners, Bender and Moore. Contractors, A. W. Pace and G. L. Ferguson, Tulare. Contract price, \$40,000.

HALLS & SOCIETY BLDGS.

PORTERVILLE, TULARE CO., CAL.—Lodge hall, 2 story and base, brick, \$20,000. Architect's name not given. Owners, Porterville Odd Fellows Hall Association. All bids received recently for the construction of this building have been rejected as above the amount available. Plans will be revised and new figures called. The building will be devoted exclusively to the use of the owners and will con-

tain lodge rooms, social hall, smoking rooms and library on the first floor. Second floor will be designed for living apartments. Interior finish will be of pine and hardwood. There will be steam heat, vacuum cleaning system and hot water system. Exterior of the building will be faced with pressed brick. The lowest bid received was from A. R. Laidlaw for \$28,787.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete, \$30,000. Architects, Rhodes & Marsh, 3372 16th St., S. F. Owner, C. F. Hornung. The building will be erected on the west side of Valencia street, 122 feet south of 16th, and will have a frontage of 34 feet by a depth of 89½ feet. There will be a restaurant and one store besides the hotel entrance on the first floor. Upper four floors will be divided into 64 guest rooms and a number of public baths. Interior finish will be of pine and redwood. Bath rooms will have cement floors and tile wainscot. Plaster provide for steam heat, elevator service and a hot water supply. Patent store fronts will be specified. Exterior of the building will be faced with cement plaster. Plans will be completed in the course of the next three weeks and bids will be called.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete. Cost not stated. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Carmel Fallon. The building will be erected on the south side of Market street west of Brady street, and will cover an area of 34x124 feet. Plans show two stores on the first floor besides the entrance to the hotel proper. Upper floors will contain a total of 70 rooms and a number of baths. Interior finish will be of pine with some elm panels. There will be steam heat, hot and cold running water and elevator service. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Metal window sash and frames are specified. Plans are nearly complete and figures on the general construction will be called for shortly. A contract for the excavating, grading and bulkheading has been awarded to P. Montague for \$1,290.

SAN FRANCISCO—Hotel and stores, 2 story and base, brick, \$12,000. Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owners, Marks Bros. The building will be erected on McAllister street west of Gough, and has been designed with stores on the first floor and rooms above. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. Bath rooms will have composition floors and tile wainscot. Marble base and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. A contract will be awarded by the last of the week.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$50,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. The building is to be erected on the west side of Taylor street north of Suter, covering an area of 38 feet 9 inches by 132½ feet. The building has been designed for a commercial hotel

and will contain a large number of single rooms, many of which will have private bathrooms. Plans provide for steam heat, elevator service, vacuum cleaning system and hot and cold running water. A large lobby and entrance will occupy the first floor. Interior finish will be of pine, hardwoods and some ornamental plaster. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for within two weeks.

LOS ANGELES, CAL.—Hotel, 12 story and base. Class A construction, \$350,000. Architect, R. T. Laughlin, Lissner Bldg., L. A. Owner, E. F. Hammell. This building is to be erected on Westlake avenue, covering an area of 84x120 feet. Construction will be fireproof throughout, the building having a complete steel frame, terra cotta exterior walls, faced with pressed brick, terra cotta and cut stone. Plans provide for hollow tile interior partitions and floors. There will be a total of 220 guest rooms. Each floor will have ten baths. Interior finish will be of metal, marble, tile, pine and hardwoods. There will be two elevators, steam heat, complete oil burning equipment, vacuum cleaning and hot water systems. Top floor will be arranged for a ball room. Offices, lobby and parlors will occupy the first floor. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$60,000. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, H. N. Carpenter. Plans show a building designed in the shape of a letter L with extreme dimensions of 100x125 feet. There will be a total of 125 guest rooms and 36 public and private bath rooms. First floor will contain the offices, lobby and stores. Interior finish will be of pine, birch and white enamel. Plans provide for steam heat, elevator service and hot and cold running water. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and artificial stone trimming. Work will be carried on by the Maine Building and Investment Co. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Elsen & Son, Wilcox Bldg., L. A. Owner, Roy Blumen-thal. The building will be erected at the corner of 3rd and Figueroa streets, covering an area of 50x70 feet. There will be two stores besides the hotel entrance and lobby on the first floor. Upper floors will be arranged for a total of 45 guest rooms and several baths. Interior finish will be of pine and redwood. There will be steam heat, elevator service and hot and cold water system. Stores will have patent fronts. Metal window sash and frames will be specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and steel. Cost not stated. Architect, Leonard L. Jones, I. W. Heilman Bldg., L. A. Owner, Robert A. Fowler. The building will be erected at the southeast corner of Pico and Hill streets and will cover an area of 50x150 feet. There will be six stores on the first floor and entrance to the hotel above. Upper floors will be arranged for a hotel lobby, of-

fice and 55 guest rooms and 20 baths. Interior will be finished in pine and birch. There will be steam heat, hot and cold running water and elevator. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architects, Mayberry & Parker, Consolidated Realty Bldg., L. A. Owners, Consolidated Realty Co. The building will be erected at the southwest corner of 14th and Hill streets and has been arranged for stores on the first floor and hotel rooms above. The structure will cover an area of 60x104 feet. Plans provide for three stores, hotel dining room, office and lobby on the first floor and 50 guest rooms and a number of baths on the upper floors. Interior will be finished in pine throughout. Bath rooms will have cement floors and tile wainscot. There will be steam heat and hot and cold running water. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base. Class C construction. Cost not stated. Architects, Dennis and H. H. Hewitt, Ray Bldg., L. A. Owner's name withheld. The building will be erected at the northwest corner of 3rd and Hope streets. There will be five stores and a moving picture theatre on the first floor and a total of 93 rooms and 42 bath rooms on the upper floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot and cold running water. Interior finish will be largely of pine. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Metal window sash and frames are specified. Plans are complete and figures will be called for shortly.

HOSPITALS.

Contracts Awarded.

SANTA ANA, ORANGE CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$45,000. Architect, Fred H. Eley, Hervey-Finley Bldg., Santa Ana. Owners, Orange County. Contractor, general construction, A. E. Bird, 1055 West 4th St., Santa Ana, \$37,718; heating and ventilating, Machinery and Electric Co., L. A., \$4,137.

LIBRARIES.

BREMERTON, WASH.—Library, 2 story and base, reinforced concrete, \$20,000. Architect, H. H. Glanoff, Eppler Bldg., Seattle. Owners, City of Bremerton. The architect has just been commissioned to prepare these plans and details of construction can not be given at this time. The building committee have decided to erect a fireproof building. The structure is a gift of the Carnegie Library Association. Complete details will be given in these columns shortly.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Structural steel work. Cost not stated. Architect, Di-

rector of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Working drawings for the structural steel for the Horticultural Building have been completed and are now out for figures. The proposal calls for furnishing and fabricating only. Plans can be secured from the Director of Works, room 207 Service Bldg. An official proposal appears in another column of this issue. Bids will be opened on September 4th.

SAN FRANCISCO—General construction Auditorium. Class A construction, \$1,000,000. Architect, Director of Works, Service Bldg., S. F., associated with Architects John Galen Howard, John Reid, Jr., and Frederick H. Meyer. Owners, Panama-Pacific International Exposition Co. Bids for the general construction of the big Auditorium building will be received on September 11th by the Building and Grounds Committee. Separate bids will be submitted for the stone work and elevators. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SPOKANE, WASH.—Passenger station, 4 story and base. Class A construction, \$500,000. Architects, Architectural Department O-W-R. and N. Co., Spokane. Owners, Oregon-Washington Railroad and Navigation Co. This work was mentioned in these columns when plans were first prepared. The building will be of fireproof construction, and will cover an area of 152x300 feet. Only the central portion will be four stories high. Exterior of the building will be faced with pressed brick, cut stone and terra cotta. Plans and specifications can be secured from J. R. Holman, care of the owners at Spokane. Bids are now being taken and will be opened on August 20th.

LOS ANGELES, CAL.—Freight shed, 1 story, reinforced concrete. Cost not stated. Engineer, Engineering Department San Pedro, Los Angeles and Salt Lake R. R. Co., L. A. Owners, San Pedro, Los Angeles and Salt Lake R. R. Co. Engineer C. F. Miller is preparing plans for a freight shed covering an area of 60x150 feet, which will be erected at the corner of First and Myers streets. The building will be fireproof. Plans will be ready for figures within two weeks. Exterior will be faced with cement plaster.

RESIDENCES.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Frances Foye. The dwelling, which has been designed for an eight-room house with bath and sleeping porch, will be erected in Rock Ridge Park. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Tile will also be used in the kitchen. Exterior of the house will be covered with cement

plaster on metal lath. Plans have been out for figures and a contract will be signed this week.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, none. Owners, United Home builders, 1762 Broadway, Oakland. The bungalow will be erected on Rose avenue and will contain six rooms, bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Arthur D. Nicholson, Whittell Bldg., S. F. Owner, W. D. Tillinghast. The house will be erected on Mountain View avenue near Pacific and has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine, mahogany and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, E. Wilcox, 2237 Roosevelt avenue, Berkeley. The house will contain seven rooms and is to be erected on Satter street between Yolo and Hopkins streets. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, Miss A. Delaney. The house, which has been designed to contain six rooms and bath, will be erected on King street. Interior finish will be of pine with some hardwood veneer and hardwood floors in the principal rooms. There will be a large open fire place with brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and figures are now being taken by the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, J. Henry Walldorf. The house will be erected in Claremont Tract and has been designed to contain eight rooms and bath. Interior finish will

be of pine with some hardwood. Hardwood floors will be used in the principal rooms. There will be a large sleeping porch in connection with one of the bed rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

OROISO, TULARE CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Leonard H. Ford, 2136 Center street., Berkeley. Owner, Mrs. L. A. Leadbetter. The house will contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Sleeping porch is provided in connection with one bed chamber. Exterior of the house will be covered with rustic. Plans are being prepared.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$3,500. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, Mrs. G. W. Cahalan. The house has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick or tile mantel. Bath room will have tile wainscot and tile will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared for the work.

SACRAMENTO, CAL.—Residences, 1 and 2 story frame. Cost not given. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. H. Bill, 3215 4th avenue, 1 story frame dwelling, \$1,500; J. R. Davis, 2829 21st street, 2 story frame dwelling, \$3,500; J. E. Layton, 4011 Piedmont avenue, 1 story frame dwelling, \$1,200; S. W. Davis, 3210 6th avenue, 1 story frame dwelling, \$1,800.

Contracts Awarded.

SAN FRANCISCO—Residences, 3 2 story and base, frame. Cost not stated. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owners, Mr. Luckett and Mrs. Ogle. The following contracts have been awarded on these dwellings in addition to the general construction, which has been awarded to J. P. Fletcher. On the Luckett houses, plumbing to the Hill Co. and painting to B. F. Myer; on the Ogle house, plumbing to William Wade.

LOS ANGELES, CAL.—Residence, 2 story and base, concrete and frame, \$25,000. Architect, Frank L. Molino, 6631 Hollywood Blvd., L. A. Owner, John Schell. Contractor, Frank L. Molino, 6631 Hollywood Blvd., L. A. Contract price, \$25,000.

—SCHOOLS—

SUISUN, SOLANO CO., CAL.—School, 1 and 2 story and base, reinforced concrete, \$76,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Suisun City School District. Architect Smith has just been awarded this work in competition with a

number of local architects. The building will be designed for a high school containing, besides the usual class rooms, domestic science and manual training departments. Construction will be fireproof throughout. Plans will provide for a central heating system, vacuum cleaning and program clocks. Further details of the construction will be given as the plans progress. Exterior of the building will be faced with cement plaster. Construction will depend upon the successful sale of the bonds.

OAKLAND, CAL.—School addition, frame construction, \$4,500. Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The temporary building known as the Fruitvale School will be altered and an addition constructed. Plans are complete and out for figures. Bids will be opened by the Board of Education on August 15th. Plans and specifications can be secured from the architect.

LOS ANGELES, CAL.—Fine Arts building, Los Angeles State Normal group, 2 story and base, brick and frame. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Plans are being completed for a building 81x131 feet, which will complete the group of buildings now under construction for the Los Angeles State Normal School at the corner of Vermont and Willowbrook avenues, Los Angeles. The building will be of frame construction, faced with tapestry brick veneer and will have a tile roof. Bids will be called for shortly by the State Department of Engineering.

Contracts Awarded.

PORTERVILLE, TULARE CO., CAL.—School, 1 story and base, brick, \$13,000. Architect, F. W. Griffin, Porterville. Owners, Strathmore School District. Contractors, George A. Noble & Sons, Visalia. Contract price, \$13,000.

STORES AND OFFICES.

SAN FRANCISCO—Store and loft, 2 story and base, brick and steel. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building has been designed for a commission house, and will be erected on Washington street in the heart of the commission district. The front portion of the first floor will be arranged for offices. Rear will contain storage space and shipping department. Upper floor will be given over to storage space. There will be a pile foundation, brick exterior walls and tar and gravel roof. Metal window sash and frames will probably be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Stores, 1 story and base, brick and steel. Cost not stated. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owners, J. McAllister Co. This building will occupy the only lot remaining vacant on Kearny street between Market and Sacramento. The building will cover an area of 60x50 feet, and will be designed with foundation and walls heavy enough to support additional stories. There will be large plate glass display windows and patent store fronts. Exterior will be faced with

pressed brick. Plans are nearly complete and figures will be called for at once.

SAN FRANCISCO—Stores and lofts, 2 story and base, brick and steel. Cost not stated. Engineer, L. S. Rosener, Merchants' Exchange Bldg., S. F. Owner, L. A. Myers. The building will be erected on the north side of Bush street west of Polk, and has been designed with stores on the first floor and lofts on the upper floor. Stores will be suitable for the automobile trade. Interior finish will be of pine and hardwood with tile or terrazzo entrances. There will be large display windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and a contract will be awarded within a few days.

SAN FRANCISCO—Stores and lofts, 2 story and base, reinforced concrete. Cost not stated. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owners, A. J. and David Donzel. The building will be erected at the southwest corner of the Embarcadero and Pacific street, and will cover an area of 39x 52 1/2 feet. There will be stores on the first floor and lofts above. Patent store fronts and metal sash and window frames will be specified. Exterior of the building will be faced with cement plaster. Interior finish will be of pine throughout. Plans are complete and figures are being taken.

OAKLAND, CAL.—Store alterations, 2 buildings, brick construction, \$20,000 and \$8,000. Architect, Walter J. Mathews, 927 Broadway, Oakland. Owners, Durst Bros. and M. J. and W. J. Layman. The Durst Bros.' job, which is at the northeast corner of 12th and Washington streets will cost in the neighborhood of \$20,000. The Layman job, at the northwest corner of the same street will cost \$8,000. Both buildings will have new store fronts, interior finish, plumbing, plastering and electric wiring. Plans are complete and the work will be done by Day Labor. Mr. Mathews will superintend.

SANTA ANA, ORANGE CO., CAL.—Stores and offices, 4 story and base, brick and steel, \$75,000. Architects, Metcalf & Davies, 43 American avenue, Long Beach. Owner, W. H. Spurgeon. The building will be erected on a corner site, covering an area of 100x 138 feet. There will be five stores besides the entrance on the first floor. Upper floors will be subdivided into a total of 100 offices. Interior will be finished in pine and hardwood with marble and tile wainscot and tile floors in the halls and lobby. There will be steam heat, elevator service and a vacuum cleaning system. Metal window sash and frames are specified. The exterior of the building will be faced with pressed brick and terra cotta. Patent store fronts will be installed. Plans are complete and now out for figures.

Contracts Awarded.

RIVERSIDE, RIVERSIDE CO., CAL.—Store and offices, 2 story and base, reinforced concrete, \$36,000. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. Contractors, Cresmer Manufacturing Co., 196 West 8th St., Riverside. Contract price, \$36,000.

LOS ANGELES, CAL.—Stores, 1 story and base, brick and steel, \$26,000. Ar-

chitects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. S. H. Van Nuys. Contractors, Alta Planning Mill Co., 330 Garry St., L. A. Contract price, \$26,000.

SEALED PROPOSALS.

PROPOSALS FOR STREET WORK.
OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco, Aug. 7, 1913.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 20th day of August, 1913, for doing the following street work, including the furnishing of the necessary labor and materials therefor to wit:

(a) That a 21-inch vitrified, salt-glazed, iron-stone pipe sewer with 4 Y branches and 3 brick manholes with cast-iron frames and covers and galvanized wrought-iron steps be constructed along the center line of Balboa street, between the easterly and westerly lines of Twenty-eighth avenue.

(b) That an 8-inch vitrified, salt-glazed, iron-stone pipe sewer with 4 Y branches and 3 brick manholes with cast-iron frames and covers and galvanized wrought-iron steps be constructed along the center line of Seventeenth avenue from a point 20 feet southerly from Rivera street to Santiago street, and that an 8-inch vitrified, salt-glazed, iron-stone pipe sewer be constructed along the center line of Seventeenth avenue from the northerly line of Santiago street to a point 20 feet southerly from the southerly line of Santiago street.

(c) That an 8-inch, vitrified, salt-glazed, iron-stone pipe sewer with 4 Y branches be constructed along the center line of Eighteenth avenue from a point 103 feet 6 inches northerly from the northerly line of Rivera street, and that an 8-inch, vitrified, salt-glazed, iron-stone pipe sewer be constructed along the center line of Eighteenth avenue, between the northerly and center lines of Rivera street.

(d) That an 18-inch, vitrified, salt-glazed, iron-stone, pipe sewer with 18 Y branches be constructed along the center line of Balboa street between Twenty-eighth and Twenty-ninth avenues.

(e) That a 21-inch, vitrified, salt-glazed, iron-stone pipe sewer with 14 Y branches be constructed along the center line of Balboa street between Twenty-fourth and Twenty-fifth avenues.

(f) That the following vitrified, salt-glazed, iron-stone pipe sewers and appurtenances be constructed:

(1) A 21-inch with 1 brick manhole with cast-iron frame and cover and galvanized wrought-iron steps along the center line of Balboa street, between the easterly and center lines of Twenty-eighth avenue; an 18-inch along the center line of Balboa street, between the center and westerly lines of Twenty-eighth avenue; and an 8-inch along the center line of Twenty-eighth avenue between the center and northerly lines of Balboa street.

(g) That an 8-inch, vitrified, salt-glazed, iron-stone pipe sewer with eighteen (18) Y branches and two (2) brick manholes with cast-iron frames and covers and galvanized wrought-iron steps be constructed along the center line of Seventeenth avenue from a point one hundred and eighty-four (184) feet southerly from Quince street to a point one hundred and eighty (180) feet northerly from Rivera street; that a twelve (12) inch, vitrified, salt-glazed, iron-stone pipe sewer with twelve (12) Y branches be constructed along the center line of Seventeenth avenue from the last described point to the northerly line of Rivera street; and that a twelve (12) inch vitrified, salt-glazed, iron-stone pipe sewer be constructed along the center line of Seventeenth avenue between the northerly and center lines of Rivera street.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) days and completed within sixty (60) days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$200.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

Note: The above described work will be let under seven separate contracts. Official proposal for each contract must accompany your bid. Proposals must be secured upon application to the Board of Public Works.

PROPOSALS FOR STREET WORK.
OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 20th day of August, 1913, for doing the following street work, including the furnishing of the necessary labor and materials therefor, to wit:

That London street, between Excelsior and Brazil avenues, be improved by constructing granite curbs where not already constructed and by repaving the roadway with asphalt. There an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, where not already constructed.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) days and completed within sixty (60) days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$200.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR PLUMBERS' SUPPLIES.

PLUMBERS' SUPPLIES—Office of the Quartermaster, Fort Bayard, N. M.

Sealed proposals will be received at this office until 10 a. m. August 28, 1913, for furnishing miscellaneous plumbing supplies, including 54 faucets, 3 pairs nickel-plated floor plates, 8 bowls with seats, 3 water closet tanks, 3 urinals, 12 hydrant clamps, 3 oil cans, 21 sets hose couplings, 1 gasoline torch, 60 rubber stoppers, 36 stops, 6 Sillson wrenches and 2 sets Beaver stocks and cutters. Plans and specifications may be had upon application to C. E. HOLMBERG, captain, medical corps, acting quartermaster.

PROPOSALS FOR COMPRESSORS, ETC.

COMPRESSORS, FILTERS, ETC.—Sealed proposals, including "Proposals for Air Compressor Plant" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., August 16, 1913, and there will be publicly opened, for air compressors, condensers, filters, piping, meters, etc., at the navy yard, Puget Sound, Wash. Estimated cost, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STAMFORD, chief of bureau.

PROPOSALS FOR BUILDING, REPAIRING AND FIREPROOFING.—Sealed proposals indorsed "Proposals for fireproofing battery ship" will be received at the bureau of yards and

docks, Navy Department, Washington, D. C., until 11 o'clock a. m. September 6, 1913, and then and there publicly opening, for partial reconstruction and dredging, building 53, at the navy yard, Puget Sound Wash. Estimated cost, \$24,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the yard and named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR DREDGING.
DREDGING—U. S. Engineer. Office, 1015 Van Ness Street, San Francisco, Cal. Sealed proposals for dredging in Oakland Harbor, Cal., will be received at this office until 11 o'clock a. m. August 20, 1913, and there publicly opened. Information on application. **THOMAS H. REES, Lt. Col., Engineers.**

PROPOSALS FOR CANAL SUPPLIES.
CANAL, CIRCULAR 787-D—Proposals for Structural Steel Bed, Riveted Screen Partitions, Steel Reinforcing Bars and Coupler Knuckle Pins.—Sealed proposals will be received at the office of the general purchasing agent in the Panama Canal Commission, Washington, D. C., until 2:30 p. m. August 19, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 787-D) may be obtained from this office or the office of the assistant purchasing agent, 1056 North Point street, San Francisco, Cal. **F. C. BOGGS,** major, corps of engineers, U. S. army general purchasing officer.

PROPOSALS FOR GRANITE WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of August, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The granite work for the City Hall, to be located on city property bounded by Calaveras, Polk and Grove streets and Van Ness avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within thirty calendar days from the date of the contract to be made and entered into therefor and completed within the time limits as provided for in the specifications.

The amount of bond for faithful performance of contract has been fixed at \$300,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL,** Secretary.

NOTICE TO CONTRACTORS

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M. Thursday, September 4, 1913, for furnishing and fabricating structural steel and iron work of the Horticultural Building, in accordance with the plans and specifications on file in the office of the Director of Works.

A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-

Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M. Thursday, September 11, 1913, for constructing the Exposition Auditorium, in accordance with the plans and specifications on file in the office of the Director of Works.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, D. J. Patterson, Mechanics' Institute Bldg., S. F. Owner, Mrs. Amy J. Patterson. The building will be erected on the east side of Divisadero street near Duboce avenue, and has been designed to contain six modern suites of three and four rooms. Interior will be finished in pine with some elm panels and hardwood floors. Bath rooms will have tile wainscot and floors. Plans provide for a central heating system, but this work will not be included in the general contract. Open fire places will also be installed. Mantels will be of brick or tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, J. Sokolov. The building will be erected on the west side of Polson street south of 17th street, and will cover an area of 25x72 feet. Suites will contain two and three rooms with bath. Interior will be finished in pine with some hardwood veneer. There will be a central heating system, but this work will not be included in the general contract. Bath rooms will have tile wainscot. All suites will be equipped with wall beds. Exterior of the building will be covered with cement plaster on metal lath, brick veneer and rustic. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$18,000. San Francisco. Architect, Fred R. Wood, 221 Steiner street, S. F. Owner, E. M. Greenwood. This building will be erected on Larkin street south of Greenwich, and will have a street frontage of 37½ feet by

Separate proposals will be allowed on **Stonework and Elevators.**

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$30.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,

a depth of 86 feet. Interior will contain fifteen suites of two, three and four rooms. There will be steam heat and a hot water system. Interior will be finished in pine, hardwood and elm panels. Some hardwood floors will be used. Bath rooms will have composition floors and tile wainscot. All suites will be equipped with wall beds. Marble and tile will be used in the entrance lobby. Exterior of the building will be covered with cement plaster on metal lath, brick veneer base and rustic. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$24,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Ludwig Bless. The building will be erected at the northeast corner of California and Ellick Lane, a small street between Powell and Mason, covering an area of 60x70 feet. There will be a total of fourteen suites containing two, three and four rooms. All suites will have private bath rooms and wall beds. Interior finish will be of pine with some hardwood veneer. There will be steam heat, an automatic elevator and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. M. Maher. The building has been designed to contain six suites of two and three rooms and will be erected at the southeast corner of Cole and Fulton streets, covering an area of 25x62 feet. Interior finish will be of pine with elm panels and some hardwood floors. Rector system of heating will be installed. All suites will have wall beds and private

bath rooms. Bath rooms will be finished in tile and will have composition floors. Tile and marble will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and a contract will be awarded this week.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, Albert Schroeffer, Foxcroft Bldg., S. F. Owner, Ella Blackman. The building will be erected on the north side of Sacramento street east of Polk street, and will cover an area of 30x77½ feet. Plans provide for six well arranged apartments of two, three and four rooms. All suites will have wall beds and private bath rooms. Interior finish will be of pine, elm and hardwoods. There will be a central heating system and hot water supply. Bath rooms will have composition floors and tile wainscot. Tile and marble will be used in the vestibule. Exterior of the building will be covered with rustic and brick veneer. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, David Harris. The building is to be erected at the southeast corner of Ellis and Farren avenue, covering an area of 30x67½ feet. Plans show nine suites of two and three rooms, all with private baths. Interior finish will be of pine, elm panels and some hardwood floors and veneer. A central heating system will be installed. Bath rooms will have composition floors and tile wainscot. Entrance vestibule will have marble wainscot. All suites will have wall beds and hot and cold water will be supplied to all rooms. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and figures are being taken.

CITY HALL STEEL ERECTING—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids were opened at the Wednesday meeting of the Board of Public Works for hauling, erecting, riveting and painting the steel work for the new City Hall. Bids were taken on a tonnage basis, three sets of figures being received. Blume Construction Co. were apparently low on the work. A complete list of the bids will be found under the heading of San Francisco in this issue.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, E. H. Hildebrand, Crocker Bldg., S. F. Owner, E. H. Hildebrand. The building will be erected on the west side of Larkin street north of Union, and will cover an area of 25x72½ feet. There will be six apartment flats, three and four rooms with baths. Interior finish will be of pine with elm panels and some hardwood floors and veneer. Bath rooms will be finished in tile and will have composition floors. There will be open fire places in the living rooms with brick or tile mantels. Exterior of the building will be covered with cement plaster on metal lath and brick veneer base. Plans are complete and the work will be done by Day Labor.

FLATS AND STORES—3 story and base, frame, \$12,000. San Francisco.

Architect, Earl E. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building is to be erected on California street in the Richmond District, and has been designed to contain two stories on the first floor and four flats on the upper two floors. Each flat will consist of five rooms and bath. Interior finish will be of pine with some elm panels and hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will have composition floors and tile wainscot. Each living room will have an open fire place with brick or tile mantel. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

GARAGE—1 story and base, concrete and steel, \$39,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Louis Samuels. The building will be erected on the south line of Post street west of Jones, and will have a street frontage of 77½ feet by a depth of 137½ feet. The building has been designed for a commercial garage and has already been leased. Construction will be fireproof with concrete walls and floor and steel roof trusses. Interior of the front portion of the building will be finished in pine and balance left unfinished. There will be metal window sash and frames. Exterior will be faced with cement plaster. Mr. Meussdorffer will furnish only the architectural plans, and engineering drawings and superintendence will be furnished by Engineer L. M. Hausman, Nevada Bank Bldg. Plans are now being prepared.

GARAGE AND SALES ROOMS—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Earl E. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. This building, preliminary plans for which are now underway, will be erected south of Market street. The structure will cover a considerable area and has been designed for an automobile sales room and garage. Interior of the front portion of the main floor will be handsomely finished. Tile floor and hardwood veneer will be used. Upper floor will be used for storage space, repair shop and shipping department. Construction will include elevator and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL—5 story and base, reinforced concrete, \$30,000. San Francisco. Architects, Rhodes & Marsh, 3372 16th street, S. F. Owner, C. F. Hornung. The building will be erected on the west side of Valencia street 123 feet south of 16th, and will have a frontage of 34 feet by a depth of 89½ feet. There will be a restaurant and one store besides the hotel entrance on the first floor. Upper four floors will be divided into 64 guest rooms and a number of public baths. Interior finish will be of pine and redwood. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service and a hot water supply. Patent store fronts will be specified. Exterior of the building will be faced with cement plaster. Plans will be completed in the course of the next three weeks and bids will be called.

HOTEL—5 story and base, rein-

forced concrete. Cost not stated. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Carmel Fallon. The building will be erected on the south side of Market street west of Brady street and will cover an area of 34x124 feet. Plans show two stores on the first floor besides the entrance to the hotel proper. Upper floors will contain a total of 70 rooms and a number of baths. Interior finish will be of pine with some elm panels. There will be steam heat, hot and cold running water and elevator service. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Metal window sash and frames are specified. Plans are nearly complete and figures on the general construction will be called for shortly. A contract for the excavating, grading and bulkheading has been awarded to P. Montague for \$1,290.

HOTEL AND STORES—2 story and base, brick, \$12,000. San Francisco. Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owners, Marks Bros. The building will be erected on McAllister street west of Gough, and has been designed with stores on the first floor and rooms above. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. Bath rooms will have composition floors and tile wainscot. Marble base and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. A contract will be awarded by the last of the week.

APARTMENT HOUSE—6 story and base, brick and steel, \$80,000. San Francisco. Architect, none. Owner, L. E. Curtaz. This building will be erected at the northwest corner of Bush and Leavenworth streets, having a frontage on Bush street of 87½ feet and on Leavenworth street of 57 feet. The building will have a steel frame and exterior walls of concrete and brick, faced with pressed brick. Plans provide for a number of two and three room suites all with private bath rooms. Interior finish will be of pine with some mahogany used in the entrance and lobby. Bath rooms will have cement floors and tile wainscot. Tile will also be used in the kitchens and toilets. All suites will be equipped with wall beds. There will be steam heat, two elevators, a vacuum cleaning system and hot water system. Marble and tile will be used in the entrance vestibule. Plans are in the hands of the owner who will submit all parts of the work.

WAREHOUSE—3 story and base, brick and steel, \$50,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Orville C. Pratt, Jr. This building, which is to be erected at the northwest corner of Spear and Howard streets, has been mentioned in these columns before. The entire structure has been leased to a well known wholesale grocery firm. The structure will cover an area of 68 feet 9 inches by 127½ feet. A portion of the building will be finished off for offices and the balance will be used for shipping departments and stock space. Plans provide for two freight elevators, special vaults and

metal window sash and frames. Exterior will be faced with stock brick. Plans are complete and figures are being taken.

HOTEL—5 story and base, brick and steel, \$50,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. The building is to be erected on the west side of Taylor street north of Sutter, covering an area of 38 feet 9 inches by 132½ feet. The building has been designed for a family hotel and will contain a large number of single rooms, many of which will have private bath rooms. Plans provide for steam heat, elevator service, vacuum cleaning system and hot and cold running water. A large lobby and entrance will occupy the first floor. Interior finish will be of pine, hardwoods and some ornamental plaster. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for within two weeks.

STORE AND LOFT—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building has been designed for a commission house and will be erected on Washington street in the heart of the commission district. The front portion of the first floor will be arranged for offices. Rear will contain storage space and shipping department. Upper floor will be given over to storage space. There will be a pile foundation, brick exterior wall and tar and gravel roof. Metal window sash and frames will probably be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES—1 story and base, brick and steel. Cost not stated. San Francisco. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owners, J. McAllister Co. This building will occupy the only lot remaining vacant on Kearny street between Market and Sacramento. The building will cover an area of 60x50 feet and will be designed with foundation and walls heavy enough to support additional stories. There will be two stores in the building. There will be large plate glass display windows and patent store fronts. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

STORES AND LOFTS—2 story and base, brick and steel. Cost not stated. San Francisco. Engineer, L. S. Rosemer, Merchants' Exchange Bldg., S. F. Owner, L. A. Myers. The building will be erected on the north side of Bush street west of Polk, and has been designed with stores on the first floor and lofts on the upper floor. Stores will be suitable for the automobile trade. Interior finish will be of pine and hardwood with tile or terrazzo entrances. There will be large display windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and a contract will be awarded within a few days.

STORES AND LOFTS—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, J. E. Krafft & Sons, Phelan Bldg., S. F. Owners, A. J. and David Donzel. The

building will be erected at the southwest corner of the Embarcadero and Pacific street, and will cover an area of 39x52½ feet. There will be stores on the first floor and lofts above. Patent store fronts and metal sash and window frames will be specified. Exterior of the building will be faced with cement plaster. Interior finish will be of pine throughout. Plans are complete and figures are being taken.

STRUCTURAL STEEL WORK—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Working drawings for the structural steel for the Horticulture Building have been completed and are now out for figures. The proposal calls for furnishing and fabricating only. Plans can be secured from the Director of Works, room 267 Service Bldg. An official proposal appears in another column of this issue. Bids will be opened on September 4th.

GENERAL CONSTRUCTION AUDITORIUM—Class A construction, \$1,000,000. San Francisco. Architect, Director of Works, Service Bldg., S. F., associated with Architects John Galen Howard, John Reid, Jr., and Frederick H. Meyer. Owners, Panama-Pacific International Exposition Co. Bids for the general construction of the big Auditorium Building will be received on September 11th by the Buildings and Grounds Committee. Separate bids may be submitted for the stone work and elevators. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

Contracts Awarded.

APARTMENT HOUSES—2, 3 story and base. Class C construction, \$15,000 each. San Francisco. Architect, N. W. Concanon Co., Monadnock Bldg., S. F. Owner, Theodore Bielenberg, Hotel Herald. Contractors, N. W. Concanon Co., Monadnock Bldg., S. F. Plans are now being prepared for two buildings which will be erected on adjoining property on the south side of Turk street east of Polk. Each of the buildings will be arranged for two and three room suites. Interior finish will be of pine throughout. There will be a central heating system and hot water supply. Interior finish will be of pine and hardwood. All suites will have connecting baths and wall beds. Extérieurs will be faced with either pressed brick or cement plaster. Construction will be started as soon as plans can be completed.

RESIDENCES—3, 2 story and base, frame. Cost not stated. San Francisco. Architect, Charles C. Frye, 20 Montgomery St., S. F. Owners, Mr. Luckett and Mrs. Ogle. The following contracts have been awarded on these dwellings in addition to the general construction, which has been awarded to J. P. Fletcher. On the Luckett houses: Plumbing to the Hill Co., and painting to B. F. Myer; on the Ogle house, plumbing to William Wade.

NOTICE OF NON-RESPONSIBILITY.

Aug. 9, 1913—S ANZA 107-6 W 21st Ave W 26xS 100, Jacob Weissstein as to improvements on leased property

City Bids Opened.

Board of Public Works Opens Bids For Erecting City Hall Steel and For Street Roller.

Bids were opened Wednesday afternoon by the Board of Public Works for hauling, erecting, riveting and painting structural steel for the City Hall. Two propositions were submitted, both on a tonnage basis. Proposition 1 asked for bids for hauling, erecting, riveting and painting per ton of 2000 pounds. Proposition 2 asked for a deduction per ton of 2000 pounds for all material delivered f. o. b. cars at the plaza.

Bids were also opened at the same meeting for furnishing a five ton steam roller for the Street Department. The complete bids submitted on both propositions follow:

Erecting City Hall Steel.

Blume Contracting Co., Prop. 1, \$10.60; Prop. 2, \$1.05.
J. G. Williams Constr. Co., Prop. 1, \$10.85; Prop. 2, .50.
Sound Constr. & Eng. Co., Prop. 1, \$11.25; Prop. 2, .20.
California Constr. Co., voted on both propositions.

Furnishing Five Ton Steam Roller.
Edward R. Bacon Co., \$1737.50
Jas. Spear Road Mach. Co. 2150.00
A. L. Young Machine Co., 1897.50
Barber Asphalt Paving Co. 1775.00

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
2795	Duncan	Allen	2900
2796	Same	Same	1450
2797	Lewis	Devenenzl	2000
2798	Getz	Disston	1950
2799	Tucker	Tucker	2300
2800	Stoff	Stoff	8000
2801	McClure	Peterson	400
2802	Carr	Corraro	500
2803	Art Floral Co.	Owner	400
2804	Faircloth	Faircloth	500
2805	Greenwood	Greenwood	18000
2806	Glade	Pagano	2000
2807	Pigini	Fee	88348
2808	Avenali	Collman	10925
2809	Phelan	Forde	5366
2810	Snyder	Hannah	9255
2811	Crane	Hule	3000
2812	Picard	Fidelity	15900
2813	Nilsson	Nilsson	1800
2814	Hansen	Kara	9275
2815	McClun	McClun	400
2816	Koutechls	Prounce	500
2817	Anderson	Grahn	400
2818	McCormick	McCormick	1000
2819	Hagmar	Hagmar	400
2820	Briglia	Briglia	400
2821	Montrouil	Montrouil	1250
2822	Rose	Gould	400
2823	Jacobi	Levi	400
2824	Allen	Breen	2500
2825	Mize	Peterson	400
2826	Woolworth	Reite	750
2827	Nilsson	Nilsson	1800
2828	Tietjen	Tietjen	400
2829	McGaffigan	McGaffigan	3000
2830	Williams	Mattoch	4000
2831	Weiss	Ward	13305
2832	P. P. E.	Pringle	4575
2833	Bergson	Bergson	1900
2834	Lundstrom	Home Mfg	1500
2835	Franciscan Ehrs.	Trost	12000
2836	Rich	Federal Sign	2000
2837	Tele. Hill Ass'n.	Vedion	1400
2838	Lathrop	Nolan	2300
2839	Holmes	Grieb	4000
2840	Kilger	Brueck	1800
2841	Mitchell	Hantysche	4324
2842	Barbero	Garbaldi	12550
2843	Quong Lee	Neidick	2000
2844	Dillon	Hjul	10000
2845	Casella	Casella	2500
2846	Senig	Senig	1400
2847	Connors	Cuneo	1975
2848	Demetrek	Bay City Bld	2000
2849	Wiley	Fauth	3600
2850	Zellerbach	Hoin	9000

2851	Boyd Invest	Watson	1000
2852	Brayshaw	Trace	1500
2853	Hop Wo	Kniesing	1350
2854	Connors	Cuneo	1975
2855	Edwards	Scoble	7400
2856	Hansel	Scoble	3455
2857	Fallon	Fallon	1250
2858	Klumpke	Monson	9750
2859	Mt. Zion	Clow	4140
2860	Euler	Goodner	4200
2861	San Christina	Matthews	472
2862	Leszynsky	Rednal	1000
2863	O'Brien	O'Brien	400
2864	Patterson	Patterson	10000
2865	Riskin	Ourlish	400
2866	Nelson	Nelson	1800
2867	Thies	Thies	1950
2868	Anderson	Anderson	1800
2869	Harrington	Harrington	1950
2870	Same	Same	1950
2871	Same	Same	1950
2872	Frye	Geary	1758
2873	Marcbillo	Marcello	400
2874	Fauble	Ginley	400
2875	Sokolov	Sokolov	15000
2876	Rose	Fidelity	1500
2877	Connors	Cuneo	4500
2878	Arieta	Devenenzi	6550
2879	Deming	Wilson	15500
2880	Sherman	Peterson	37500
2881	Judson	Fisher	6400
2882	Williamson	Coburn	6460
2883	Bianchi	Bianchi	600
2884	Same	Same	600
2885	Henderson	Henderson	1500
2886	Hamill	Hamill	2700
2887	Curtaz	Curtaz	30000
2888	Loesch	Old	500
2889	Cerveries	Cerveries	800
2890	Schwarz	Bras	400
2891	Heyman	Heyman	1000
2892	Same	Same	1000
2893	Same	Same	1000
2894	Same	Same	1000
2895	Bothin	Atlas	970
2896	Edwards	Scoble	7400
2897	Smith	Tarbett	1200
2898	Starr	Pasqualelli	2665
2899	Kelly	Higginson	14175
2900	L'Heureux	Murray	2940
2901	Steha	Sheridan	400
2902	Finch	Leonard	800
2903	Kaplan	Judd	500
2904	Kinlow	Kuykendall	1000
2905	Mann	Mann	7250
2906	Nelson	Nelson	2500
2907	Nelson	Nelson	2500
2908	Nelson	Nelson	2500
2909	Howse	Ploeger	4200
2910	Pausmann	De Martini	6500
2911	Myers	Britt	11471
2912	Semmlig	Weldon	1360

(2795) E NEWTON 150 S Rolph. One- and one-half-story and basement frame residence.
Owner.....Arthur G. Duncan, 525 Crocker Bldg., S. F.
Architect...None.
Contractor..Allen Bros., 4525 Mission, San Francisco.
COST, \$2000

(2796) W CURTIS 350 S Rolph. One-story and basement frame residence.
Owner.....Arthur G. Duncan, 525 Crocker Bldg., S. F.
Architect...None.
Contractor..Allen Bros., 4525 Mission, San Francisco.
COST, \$1450

(2797) NE GREENWICH & WEBSTER Plumbing, glass, concrete work and papering for building.
Owner.....J. Lewis and B. Varnassa, 3000 Webster, S. F.
Architect...J. Devenenzi, 1069 Union, San Francisco.
Contractor..Devenenzi Bros. & Co., 1069 Union, S. F.
COST, \$2000

(2798) NW JUDAH and 26TH AVE. One-story and basement frame dwlg.
Owner.....Sol. Getz & Sons, Chronicle Bldg., San Francisco.
Architect...None.
Contractor..Dixson & Hatfield, 322 Varnass Ave., S. F.
COST, \$1980

(2799) E FREMONT 275 N Harrison. One-story frame machine shop.
Owner.....E. M. Tucker, 256-58 Spear, San Francisco.
Architect...None.
Day's work.....COST, \$2300

(2800) W JONES 37-6 S Jackson. Three-story and basement frame (6) apartments.
Owner.....Louis D. Stoff, 46 Kearny, San Francisco.
Architect...C. O. Clausen, Phelan Bldg San Francisco.
Day's work.....COST, \$8000

(2801) E OCTAVIA 123 S Fell. Erect office and concrete foundation.
Owner.....H. N. McClure, 425 Fulton, San Francisco.
Architect...None.
Contractor..Peterson & Perrson, 62 Post, San Francisco.
COST, \$400

(2802) NO. 49 HARRINGTON. Add 4 rooms and repair front and roof.
Owner.....D. Carr, Premises.
Architect...None.
Contractor..G. Carraro, 750 Felton, San Francisco.
COST, \$500

(2803) NO. 225 POWELL. Lay tile floor.
Owner.....Art Floral Co., Premises.
Architect...None.
Day's work.....COST, \$400

(2804) E FORTY-SIXTH AVE 50 N Balboa. One-story frame dwelling.
Owner.....F. T. Faircloth, 632 46th Ave., San Francisco.
Architect...None.
Day's work.....COST, \$500

(2805) W LARKIN 93-3 S Greenwich. Three-story and basement frame (15) apartments.
Owner.....F. M. Greenwood, 149 Montgomery, S. F.
Architect...Fred B. Wood, 2211 Steiner, San Francisco.
Day's work.....COST, \$18,000

(2806) N SILVER 299 E Mission. Two-story frame store and flats.
Owner.....Antonio Pagano, 79 Maynard, San Francisco.
Architect...None.
Day's work.....COST, \$2000

(2807) N BUSH 137-6 W Jones W 68-9 xN 137-6. All work for three-story and ground floor hotel building.
Owner.....Mrs. Lizzie H. Glide.
Architect...None.
Contractor..Grant Fee, 2440 16th, S. F.
Filed Aug. 4, '13. Dated Aug. 2, '13.
Contractor to receive 6% of total cost
Contractor to receive 75% of amount of work done including 6% monthly 25%
Usual 35 days.....
TOTAL COST not to exceed \$83,846
Bond, \$42,000. Surety, Globe Indemnity Co. Limit, 6 1/2 months. Forfeit, none. Plans and specifications filed.
NOTE:—If building costs less than above amount contractor to receive 1/2 of such difference.

(2808) S GREEN 189-6 W Taylor W 45-6xS 137-6. All work for two-story frame residence.
Owner.....Linda C. Avenall.

Architect...Bakewell & Brown, 251 Kearny, San Francisco.
Contractor..Collman & Collman.
Filed Aug. 4, '13. Dated Aug. 1, '13.
Frame completed and roof is sheathed\$2731.25
Brown coated 2731.25
Completed 2731.25
Usual 35 days..... 2731.25
TOTAL COST, \$10,925.00
Bonds for owner, \$2731.25; \$5462.50 for labor and material men. Surety, National Surety Co. Limit, Dec. 1. Forfeit, \$10. Plans and specifications filed.

(2809) W FOURTH and JESSIE NW 75xSW 75. Sheet metal and galvanized iron work for eight-story and basement steel frame Class "C" store and hotel building.
Owner.....Mary L. Phelan.
Architect...Wm. Curlett & Son, Phelan Bldg., S. F.
Contractor..Forreder Corncie Works, 269 Potrero Ave., S. F.
Filed Aug. 4, '13. Dated July 23, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5366
Bond, \$2683. Surety, United States Fidelity & Guaranty Co. Limit, 30 days after notified. Forfeit, none. Plans and specifications filed.

(2810) N JACKSON 100 W Drumm N 60xW 37-6. All work for two-story brick stores and rooms.
Owner.....Mrs. R. J. Snyder, 1256 Bush, San Francisco.
Architect...C. S. McNally, 57 Post, San Francisco.
Contractor..J. S. Hannah, Williams Bldg., San Francisco.
Filed Aug. 4, '13. Dated Aug. 4, '13
Ready for 1st floor joists.....\$1735.30
2nd floor joists in..... 1735.30
Roof on 1735.30
Completed and accepted..... 1735.35
Usual 35 days..... 2313.75
TOTAL COST, \$9255.00
Bond, \$4627.50. Surety, J. D. Hannah. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2811) W STANFORD 106-3 S Brannan W 80-1 1/2xS 100. Excavation for two-story and basement warehouse.
Owner.....Crane Co., 2nd and Howard San Francisco.
Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor..E. M. Huie & Co., Monadnock Bldg., S. F.
Filed Aug. 4, '13. Dated July 23, '13
Work 1/2 completed..... 33 1/2%
Completed and accepted..... 33 1/2%
Usual 35 days..... 25%
TOTAL COST, \$3600
Bond, \$1500. Surety, United States Fidelity & Guaranty Co. Limit, 40 days after notified. Forfeit, none. Plans and specifications filed.

(2812) W MASON 77-6 S Broadway S 40xW 137-6. All work for three-story apartment building.
Owner.....Sarah Picard, 110 Sutter, San Francisco.
Architect...W. G. Hind, Humboldt Bank Bldg., S. F.
Contractor..Fidelity Constr Co., Humboldt Bank Bldg., S. F.
Filed Aug. 4, '13. Dated Aug. 2, '13.
Rustic and roof on.....\$3975
Brown coated 3975
Completed and accepted..... 3975
Usual 35 days..... 3975
TOTAL COST, \$15,900

Bond, \$8000. Sureties, J. W. Schouten and J. H. McCallum. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(2813) E GABRIEL AVE 75 S Capistrano Ave, Lot 4 Bk "B" Mission Terrace. All work for one and one-half-story frame cottage.

Owner.....E. M. Nilsson.
Architect...None.
Contractor...N. F. Nilsson, 355 Coleridge Ave., San Francisco.

Filed Aug. 4, '13. Dated Aug. 4, '13
Frame up\$450
Enclosed and plastered..... 450
Finished 450
Usual 35 days..... 450

TOTAL COST, \$1800

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2814) S TURK 28 E Dodge E 52-9% —, Plumbing for building.

Owner.....Hansen & Johnson.
Architect...None.
Contractor...F. E. Kara, 564 Bartlett, San Francisco.

Filed Aug. 4, '13. Dated July 29, '13.
Basement, 1st and 2nd stories
roughed in\$2325
All rough work completed..... 2325
Completed and accepted..... 2325
Usual 35 days..... 2300

TOTAL COST, \$9275

Bond, \$4637.50. Surety, Massachusetts Bonding & Insurance Co. Limit, Forfeit, none. Plans and specifications none.

(2815) E OCTAVIA 137-6 S Fell. One-story frame office.

Owner.....H. N. McClun, 62 Post, S. F.
Architect...None.
Day's work. COST, \$400

(2816) NO. 977 MARKET. Install show windows.

Owner.....Koutchis & Prongues, 210 6th, San Francisco.

Architect...None.
Contractor...The Fink Schindler Co., 226 13th, San Francisco.
COST, \$500

(2817) NO. 1790 OAKDALE AVE. Add kitchen.

Owner.....J. C. Anderson, Premises.
Architect...None.
Contractor...Wm. H. Grahm, 2840 Bryant, San Francisco.
COST, \$400

(2818) SE LAGUNA AND PINE. Concrete foundation and floors, fireproof roof, add 2 rooms and minor repairs.

Owner.....J. McCormick, 1433 Post, San Francisco.
Architect...W. C. Mahoney, 328 Montgomery, San Francisco.
Day's work. COST, \$1000

(2819) NO. 206½ FILLMORE. Install electric lights, erect partitions and rebuild stairs.

Owner.....Mr. Hagmaier, 931 Fell, San Francisco.
Architect...None.
Day's work. COST, \$400

(2820) NO. 2180 FILBERT. New foundation.

Owner.....E. Brighlia, Premises.
Architect...None.
Day's work. COST, \$400

(2821) E MOULTRIE 75 S Powhattan. One-story and basement frame dwlg.

Owner.....P. W. Montroill, 255 Moultrie, San Francisco.

Architect...None.
Day's work. COST, \$1250

(2822) NO. 2510 MISSION. Alter front

Owner.....Henry H. Rose Estate, 345 Capp, San Francisco.
Architect...None.
Contractor...S. E. Gould, 2510 Mission, San Francisco.
COST, \$400

(2823) SW MONTGOMERY & SUTTER Alter front.

Owner.....J. M. Jacobi, Premises.
Architect...None.
Contractor...S. Levi Fixture Co., 446 6th, San Francisco.
COST, \$400

(2824) NOS. 1207-21 O'FARRELL. General alterations and repairs to lodging house.

Owner.....Emma Breen, 4713 17th, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2825) SW MISSION AND 19TH. Concrete floor and repair sidewalk.

Owner.....A. Mize, 1403 Shotwell, San Francisco.
Architect...None.
Contractor...John Peterson, 2365 21st, San Francisco.
COST, \$400

(2826) NW TAYLOR AND TURK. Alter front and erect partitions.

Owner.....Woodworth Investment Co. 154 Sutter, San Francisco.
Architect...None.
Contractor...Relte & Halling, 673 Monadnock Bldg., S. F.
COST, \$750

(2827) E GABRIEL 75 S Capistrano. One and one-half-story and basement frame dwelling.

Owner.....E. M. Nilsson, 355 Coleridge, San Francisco.
Architect...None.
Day's work. COST, \$1800

(2828) NO. 755 THIRD. General repairs to saloon.

Owner.....Henry Tietjen, Premises.
Architect...None.
Day's work. COST, \$400

(2829) N ANZA 57-6 E Second Ave. Two-story and basement frame residence.

Owner.....M. H. McGaffigan, 482 2nd Ave., San Francisco.
Architect...None.
Contractor...T. J. McGaffigan, 482 2nd Ave., San Francisco.
COST, \$3000

(2830) S BROADWAY 149-6 W Taylor W 18-9x8 60. Excavating, masonry, rat proofing, chimneys, carpentry, plaster, painting and papering for two-story frame residence.

Owner.....Emily E. Williams and Lillian Palmer, 2466 Sacramento, San Francisco.
Designer...E. Williams.
Contractor...J. S. Malloch, 110 Jessie, San Francisco.

Filed Aug. 4, '13. Dated Aug. 4, '13.
Frame up and roof boards on..\$1000
Brown coated 1000
Completed 1000
Usual 35 days..... 1000

TOTAL COST, \$4000

Bond, \$2000. Surety, Globe Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2831) N GOLDEN GATE AVE 34-6 E Hyde E 48xN 68-9. All work except heating system for three-story and basement brick building Class "C".

Owner.....Pauline Weils, Mrs. F. Dietz, Mrs. F. A. Rinne and Mrs. Adelaide Bucher.

Architect...Chas. E. J. Rogers, 24 California, San Francisco.
Contractor...Ward & Goodwin, 931 Guerrero, San Francisco.

Filed Aug. 5, '13. Dated Aug. 4, '13.
3rd story joists in place.....\$426.25
Brown coated 426.25
Completed and accepted..... 426.25
Usual 35 days..... 426.25

TOTAL COST, \$19305.00

Bond, \$9652.50. Surety, National Surety Co. Limit, 70 days after Aug. 6. Forfeit, \$10. Plans and specifications filed.

(2832) EXPOSITION SITE. Drainage system for drill ground and race track.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.
Contractor...Pringle Dunn & Co., 338 Pine, San Francisco.

Filed Aug. 5, '13. Dated June 6, '13.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$4575

Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(2833) NO. 316 FULTON. Carpenter work for stable.

Owner.....A. E. Bergson.
Architect...None.
Contractor...Stockholm & Allyn, 180 Jessie, San Francisco.

Filed Aug. 5, '13. Dated Aug. 4, '13.
Completed and accepted.....\$1400
Usual 35 days..... 500

TOTAL COST, \$1900

Bond, none. Limit, Sept. 1. Forfeit, none. Plans and specifications, none.

boa Bldg., S. F.
Contractor...Home Mfg. Co., 543 Brantford, NO. 1126 MARKET. Alter front.

Owner.....The Lundstrom Hat Works
Architect...J. F. W. Ramsing, Balnan, San Francisco.
COST, \$1500

(2835) S FOLSOM 200 E Army. Move school building, underpin, new stairs painting and repairs.

Owner.....Franciscan Fathers, St. Anthony's Church, Army & Folsom, San Francisco.
Architect...Brother Adrain, St. Anthony's Church, S. F.

Contractor...R. Trost, 26th and Howard San Francisco.
COST, \$12,000

(2836) SE UNION AND CALIHOON. Erect single face electric sign on 35 foot pole, braced with angle and channel iron and guy wires.

Owner.....A. J. Rich, Holbrook Bldg San Francisco.
Architect...None.
Contractor...Federal Sign System Electric, 257-269 8th, S. F.

COST, \$2000

(2837) NO. 1736 STOCKTON. Alter and add to buildings.
Owner.....Telegraph Hill Neighborhood Association, Prem.

Architect...None.
Contractor...Cavanaugh & Vezina, 180 Jessie, San Francisco.
COST, \$2000

(2838) SE POST AND STOCKTON. Alter loft into offices, light wiring, new partitions, plastering and erect show cases.

Owner.....Chas. Lathrop.
Architect...None.
Contractor...M. F. Nolan, 228 Noe, S. F.
COST, \$2300

(2839) W SANSOME 90 S Green. Two story frame coal shed.

Owner.....Howard C. Holmes, 112 Market, San Francisco.
Architect...T. Walsh, 112 Market, San Francisco.
Contractor...Henry T. Grieb, 1020 Greenwich, San Francisco.
COST, \$4000

(2840) N SLIVER 150 E San Bruno. One and on-half-story and basement frame dwelling.

Owner.....Karl Kilger, 1315 Silver Ave., San Francisco.
Architect...None.
Contractor...Michael Brueck, 600 Charter Oak Ave., S. F.
COST, \$1800

(2841) E TWELFTH AVE 50 N Anza. Two-story and basement frame flats.

Owner.....George E. Mitchell, 473 12th Ave., S. F.
Architect...J. J. Nicolaisen, 173 23rd Ave., San Francisco.
Contractor...M. Hantysche & F. McKay, 438 24th Ave., S. F.
COST, \$4324

(2842) E BANKS 125 N Eugenia. One story and basement frame dwelling.

Owner.....Bernardino Barbero, 116 Gates, San Francisco.
Architect...None.
Contractor...Vittorio Garibaldi, 14 Crane, San Francisco.
COST, \$1250

(2843) W VALENCIA 30 N 26th. Two-story frame laundry.

Owner.....Quong Lee, 1488 Valencia, San Francisco.
Architect...None.
Contractor...Frank Neldick, 2669 Howard, San Francisco
COST, \$2000

(2844) SW FOURTH AND HARRISON One-story brick shop.

Owner.....Misses Dillon.
Architect...None.
Contractor...J. H. Hjul, 32 Merchants' Exchange Bldg., S. F.
COST, \$10,000

(2845) W MARGARET PLACE 150 N Vallejo. Alter and add to building so as to alter same to (6) flats.

Owner.....G. Casella, 1340 Grant Ave San Francisco.
Architect...Paul F. De Martini, 451 Columbus Ave., S. F.
Day's work. COST, \$2500

(2846) NO. 4204 TWENTY-THIRD. General repairs to residence.

Owner.....Paul Semlg and wife, 4204 23rd, San Francisco.

Architect...None.
Contractor...Chas. F. Weldon, Premises
COST, \$1400

(2847) W NOE 64 N Day. One-story and basement frame dwelling.

Owner.....Edw. Connors, — Sycamore Ave., San Francisco.
Architect...None.
Contractor...John P. Cuneo, 263 Capp, San Francisco.
COST, \$1975

(2848) N COMMERCIAL 75 E Drumm. All work to complete two-story brick shop.

Owner.....C. Demetrak, 67 Clay, S. F.
Architect...None.
Contractor...Bay City Bldg. Co., 522 Mills Bldg., San Francisco.
COST, \$3000

(2849) E EIGHTEENTH AVE 125 N Taraval. Two-story and basement frae residence.

Owner.....Herbert Wiley, 227 Liberty San Francisco.
Architect...None.
Contractor...M. Fauth, 29 Alma, S. F.
COST, \$3000

(2850) NOS. 32-39 CLAY AND NOS. 34-40 Commercial. Erect mansard story on building.

Owner.....Zellerbach & Levison, 1540 Clay, San Francisco.
Architect...A. J. Barnett, 583 California, San Francisco.
Supt.Theo. Hoin, 1449 Hyde, S. F.
COST, \$9000

(2851) W FOURTH 75 S Minna. One-story and basement brick (2) stores.

Owner.....Boyd Investment Co.
Architect...Owner
Contractor...Sydney Watson, Brick Mason and W. W. Bryan, Carpentry, 180 Jessie, S. F.
COST, \$10,000

(2852) S BRUCE 50 E Harold One and one-half-story and basement frame dwelling.

Owner.....Jos. Brayshaw, 1617 Dolores, San Francisco.
Architect...None.
Contractor...V. M. Trace, 1190 Haight, San Francisco.
COST, \$1500

(2853) W STOCKTON 137-6 N Sacramento. Three-story and basement Class "C" rooms.

Owner.....Hop Wo Benevolent Ass'n 125 Waverly Place, S. F.
Architect...Chas. C. Frye, 20 Montgomery, San Francisco.
Contractor...A. Knieling, 125 Waverly Place, San Francisco.
COST, \$15,894

(2854) W NOE 89 N Day. One-story and basement frame dwelling.

Owner.....Edw. Connors, — Sycamore Ave., S. F.
Architect...None.
Contractor...John P. Cuneo, 263 Capp, San Francisco.
COST, \$1975

(2855) N FILIBERT 191-6 W Devisadero W 27XN 137-6. All work for two-story frame residence.

Owner.....Thos. R. & Sarah Edwards 323 Geary, San Francisco.
Architect...None.

Contractor...Thos. Scoble, 363 14th Ave. San Francisco.

Filed Aug. 6, '13. Dated Aug. 6, '13.
Frame up and building ready for roof\$1850
Brown coated 1850.
At commencement of interior finish 925
Completed 925
Usual 35 days..... 1850
TOTAL COST, \$7400

Bond, \$3700 Surety, Southwestern Surety Insurance Co. Limit, 100 days after Aug. 11. Forfeit, none. Plans and specifications filed.

(2856) E THIRTEENTH AVE 100 N Clement E 120XN 25. All work except light fixtures, mantels and shades for two-story and basement frame residence and also raise and move present building to rear of lot.

Owner.....Chas. Hansel, 280 13th Ave., San Francisco.
Architect...E. A. Neumarkel, 948 Market, San Francisco.
Contractor...V. L. Bauer, 226 18th Ave., San Francisco

Filed Aug. 6, '13. Dated Aug. 6, '13.
Frame up and present building moved & set on new foundation.....\$860
White coated 860
Completed and accepted..... 860
Usual 35 days..... 875
TOTAL COST, \$3455

Bond, \$1800 Surety, E. G. Brugge and Theodore Giesdorf. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(2857) S MARKET 365 SW Brady SW — SE 124 NE 23 NW 124. Excavating, grading and bulkheading for 5-story and basement reinforced concrete building.

Owner.....Carmel Faxon, 1802 Market, San Francisco.
Architect...C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor...P. Montague, 2887 Green, San Francisco

Filed Aug. 6, '13. Dated Aug. 4, '13.
One-half work completed.....\$483.75
Completed and accepted..... 483.75
Usual 35 days..... 322.50
TOTAL COST, \$1290.00

Bond, none. Limit, 30 days after Aug. 10. Forfeit, none. Plans and specifications filed.

(2858) SE TWENTY-SECOND AND Bartlett 80 on Bartlett x 125 on 22nd. All work for one-story Class "C" brick building.

Owner.....John G. Klumpke, 1098 Chestnut, San Francisco.
Architect...Chas. Paff & Co., Merchants' Exchange Bldg. San Francisco.
Contractor...Monson Bros., 1907 Bryant San Francisco.

Filed Aug. 6, '13. Dated Aug. 5, '13.
Walls built ready for steel girders and 2nd floor joist...\$2437.50
Brick work completed and building roofed and rough plumbing done 2437.50
Completed and accepted..... 2437.50
Usual 35 days..... 2437.50
TOTAL COST, \$9750.00

Bond, \$4875. Sureties, N. F. Nielsen & P. Monson. Limit, none Forfeit, \$10. Bonus, \$5 Plans and specifications filed.

(2859) NW POST AND SCOTT. Sterilizing equipment in buildings.



SATHER CAMPANILE ON UNIVERSITY CAMPUS
Berkeley, Cal.

John Galen Howard, Architect
San Francisco



BIRD'S EYE VIEW HAYWARD UNION HIGH SCHOOL
Hayward, Cal.

Henry C. Smith, Architect
San Francisco

Owner.....Mount Zion Hospital.
Architect...None.
Contractor...James B. Clow & Sons,
Hearst Bldg., S. F.
Filed Aug. 6, '13. Dated Aug. 6, '13
Entire equipment delivered....\$2000
31 days after.....2140
TOTAL COST, \$4140
Bond, \$2100 Sureties, Sam P. Hamilton
and W. E. Burnham. Limit, none.
Forfeit, none. Specifications only filed

(2860) W STONE 117-6 N Washington
N 47-6xW 60. All work for two-story
brick flats.
Owner.....H. Euler, 1511 Lyon, S. F.
Architect...None.
Contractor...M. O. Goodner and Charles
Oberfeld, 185 Stevenson,
San Francisco

Filed Aug. 6, '13. Dated Aug. 4, '13.
Grading done and brick com-
pleted ready for 2nd floor joists
.....\$ 637 50
Roof on787 50
Brown coated787 50
Completed and accepted.....787 50
Note secured by 2nd Mtge., 1200 00
TOTAL COST, \$4200 00
Bond, \$2100. Sureties, Zenith Iron Wks
and R. Zelinsky. Limit, 90 days. For-
feit, \$5. Plans and specifications filed.
NOTE:—First report Aug. 4th. No.
2791.

(2861) LOT FRONTING ON GOLDEN
Gate Ave, Taylor and Market Sts.
Furnish and erect 20 angle iron
braces and boltings, together with
extra carpenter work modifying con-
tract filed May 21, 1913.

Owner.....San Christina Investment
Company
Architect...None.
Contractor...Matthews & Griffith, 180
Jessie, San Francisco.
Filed Aug. 6, '13. Dated Aug. 4, '13.
TOTAL COST, \$472
Bond, limit, forfeit, none. Plans only
filed.

(2862) NO. 3267 JACKSON. Add one
room and minor repairs.
Owner.....Ed. Leszynsky, Premises.
Architect...None.
Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco
COST, \$400

(2863) NO. 78 VENUS. Add two rooms
to dwelling.
Owner.....Patrick O'Brien, Premises.
Architect...None.
Day's work. COST, \$400

(2864) E DEVISADERO 34 S Duboce.
Three-story and basement frame (6)
apartments.
Owner.....Mrs. Amy J. Patterson, 69
Devisadero, San Francisco.
Architect...D. J. Patterson, 57 Post,
San Francisco.
Day's work. COST, \$10,000

(2865) SE FOURTEENTH & NOREIGA
Erect bunkers.
Owner.....Ourlish & Riskin, 605 First
National Bank Bldg., S. F.
Architect...None.
Contractor...J. S. Ourlish, 605 First Na-
tional Bank Bldg., S. F.
COST, \$400

(2866) S CHENERY 75 E Burnside.
One and one-half-story and base-
ment frame dwelling.

Owner.....L. Neilson, 315 Douglas,
San Francisco.
Architect...None.
Day's work. COST, \$1800

(2867) NO. 41 FRANCIS. One-story
and basement frame dwelling.
Owner.....Hugo F. Thies, 48 Santa
Rosa Ave., San Francisco.
Architect...None.
Day's work. COST, \$550

(2868) E SANCHEZ 400 S 30th. One
and one-half-story and basement
frame dwelling.
Owner.....C. Anderson, 3942 24th,
San Francisco.
Architect...None.
Day's work. COST, \$1800

(2869) W FORTY-SECOND AVE 100
N Irving. One and one-half-story
and basement frame dwelling.
Owner.....A. Harrington, NW Fifth
Ave and Judah, S. F.
Architect...None.
Day's work. COST, \$1950

(2870) W FORTY-SECOND AVE 160 N
Irving. One and one-half-story
and basement frame dwelling.
Owner.....A. Harrington, NW Fifth
Ave and Judah, S. F.
Architect...None.
Day's work. COST, \$1950

(2871) W FORTY-SECOND AVE 130
N Irving. One and one-half-story
and basement frame dwelling.
Owner.....A. Harrington, NW Fifth
Ave and Judah, S. F.
Architect...None.
Day's work. COST, \$1950

(2872) NO. 660 FOURTH AVE. Re-
pair fire damage to dwelling.
Owner.....Jennie Frye, Premises.
Architect...C. A. Salter, 49 Guerrero,
San Francisco.
Contractor...Leslie G. Geary, 5352
Locksley Ave., Oakland.
COST, \$1758

(2873) NO. 2783 SAN JOSE AVE. Un-
derpin cottage.
Owner.....J. Marcollo, 837 North
Point, San Francisco.
Architect...None.
Day's work. COST, \$400

(2874) W FIFTH AVE 125 S Lake.
Add porch.
Owner.....John Fauble, 127 5th Ave.,
San Francisco.
Architect...J. Joseph, 1st National
Bank Bldg., S. F.
Contractor...E. Glinley, 131 5th Ave.,
San Francisco.
COST, \$400

(2875) W FOLSOM 25 S 17th. Three-
story & basement frame apartments.
Owner.....J. Sockolov, 1857 O'Farrell,
San Francisco.
Architect...None.
Day's work. COST, \$15,000

(2876) E HYDE 97-6 N Filbert N 40x
E 59-1/2. All work for three-story
and basement frame (6) apartments.
Owner.....Herbert E. Rose, 2210
Hyde, San Francisco
Architect...W. G. Hind, 46 Kearny,
San Francisco
Contractor...W. G. and A. E. Hind (as
Fidelity Constr Co, 46
Kearny, San Francisco.
Filed Aug. 7, '13. Dated May 23, '13.

Rustic and roof on.....\$2875
Brown coated2875
Completed and accepted.....2875
Usual 35 days.....2875

TOTAL COST, \$11,500
Bond, \$6000. Sureties, J. W. Schouten
and J. H. McCallum Limit, 90 days.
Forfeit, \$10. Plans and specifications
filed.

(2877) W NOE 64 N Day N 50xW 80
HA 171. All work for two one-story
and basement frame cottages.
Owner.....Edward Connors, — Syca-
more Ave., San Francisco.
Architect...None.
Contractor...John P. Cuneo, 263 Capp,
San Francisco.

Filed Aug. 7, '13. Dated July 24, '13
Frame up\$1125
Brown coat mortar on.....1125
Completed1125
Usual 35 days.....1125

TOTAL COST, \$4500
Bond, \$2250. Sureties, Joseph Cuneo
and L. Backgalup. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

NOTE:—1st report Aug. 7 Nos. 2847-54

(2878) N UNION 90 E Grant Ave 24-10
x68-9. All work except gas fixtures
and window shades for three-story
and basement frame (6) flats.
Owner.....Carmelo Arieta.
Architect...None.
Contractor...Devenenzi Bros. & Co.,
1609 Union, S. F.

Filed Aug. 7, '13. Dated June 31, '13.
Frame up\$1737 50
Brown coated1737 50
Completed and accepted.....1737 50
Usual 35 days.....1737 50

TOTAL COST, \$6950 00
Bond, \$3475. Sureties, L. Pelrano and
D. Devenenzi. Limit, 90 days after
Aug. 5. Forfeit, none. Plans and specifi-
cations filed

NOTE:—1st report Aug. 4 No. 2788.

(2879) SW CLAY AND DAVIS S 47x
W 55. All work for two-story and
basement reinforced concrete com-
mercial building.

Owner.....Mrs. Clara J. Deming, 5325
McAllister, S. F.
Engineer...Industrial Eng. Co, Clunle
Bldg., San Francisco.
Contractor...Wilson & Christensen,
Hearst Bldg., S. F.

Filed Aug. 7, '13. Dated June 25, '13.
Water proofing and basement
floor finished\$3875
2nd story floor slabs finished.. 3875
Completed and accepted.....3875
Usual 35 days.....3875

TOTAL COST, \$15,500
Bond, none Limit, 130 days after July
7. Forfeit, none. Plans and specifi-
cations filed

NOTE:—1st report July 19.

(2880) S ELLIS 137-6 E Leavenworth
E 27-6xS 137-6. All work for five-
story and basement brick store and
rooms.

Owner.....A. N. Sherman.
Architect...Ross & Burgen, 310 Call-
fornia, San Francisco.
Contractor...Pettersson & Persson, 62
Post, San Francisco.

Filed Aug. 7, '13. Dated Aug. 2, '13.
2nd story joists set.....\$7050
Roof rafters on.....7050
Brown coated7050
Completed and accepted.....7200
Usual 35 days.....9450

TOTAL COST, \$37,800

Bond, \$18,900. Sureties, H. G. Bennett and C. A. Bennett. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.

(2881) N ELLIS 97-6 W Mason W 40x N 60. Plumbing work for seven-story steel frame building.
Owner.....Charles C. Judson Co., 240 San Francisco.
Architect...W. H. Weeks, 75 Post, San Francisco.
Contractor..Fisher & Wolfe Co., 209 Tehama, San Francisco.
Filed Aug. 7, '13. Dated Aug. 4, '13.
When plumbing of each floor roughed in.....\$ 360
When plumbing of each floor is completed..... 240
Usual 35 days..... 1600
TOTAL COST, \$6400

Bond, \$3200. Sureties, Chas. Laufer and C. W. Morris. Limit, none. Forfeit, none. Plans and specifications filed

(2882) NW TOWNSEND AND THIRD N 33xW 57-6. All work except plumbing for one-story and basement brick stores.
Owner.....John A. and Daniel Williamson.
Architect...Ross & Burgren, 310 California, San Francisco.
Contractor..Ira W. Coburn Inc., Hearst Bldg., San Francisco.
Filed Aug. 7, '13. Dated July 2, '13
Ceiling joists in place.....\$2400
Completed and accepted..... 2445
Usual 35 days..... 1615
TOTAL COST, \$6460

Bond, \$3230. Sureties, T. P. S. Brown and Edw. H. Schroder. Limit, 60 days. Forfeit, \$20. Plans and specifications filed.

(2883) W FOLSOM 75 N Eugenia. One-story and basement frame dwlg.
Owner.....John Bianchi, 3702 Folsom, San Francisco.
Architect...None.
Day's work. COST, \$600

(2884) W FOLSOM 50 I. Eugenia. One-story and basement frame dwlg.
Owner.....John Bianchi, 3702 Folsom, San Francisco.
Architect...None.
Day's work. COST, \$600

(2885) W BLAKE 275 S Geary. One-story and basement frame dwlg.
Owner.....J. Henderson, 661 Blake, San Francisco.
Architect...None.
Day's work. COST, \$1500

(2886) E TWENTY-FIRST AVE 225 N Anza. One and one-half-story and basement frame dwelling.
Owner.....Margaret Hamill, 268 25th Ave., San Francisco.
Architect...None.
Contractor..Thos. Hamill, 268 25th Ave., San Francisco.
COST, \$2700

(2887) NW BUSH & LEAVENWORTH Six-story and basement brick and steel apartments.
Owner.....L. E. Curtaz, 1420 Market, San Francisco.
Architect...None.
Day's work. COST, \$80,000

(2888) NO. 940 FILLMORE. Construct bke oven.

Owner.....Chas. Loesch, Eddy and Fillmore, S. F.
Architect...None.
Contractor..John Old, 250 Sutter, San Francisco.
COST, \$300

(289) W NEWHALL 85 N McKennon. One-story frame stable.
Owner.....J. M. Cerveries, Care of Architect.
Architect...Fabre & Bearwald, Merchants Nat'l. Bank Bldg., San Francisco.
Day's work. COST, \$800

(2890) NO. 62 TURK. Alter front and install door.
Owner.....Mr. Schwarz, Premises.
Architect...None.
Contractor..Braas Kuhn Co., 58 Dearborn, San Francisco.
COST, \$400

(2891) SW REGENT 150 NW Lansing. One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2892) SW REGENT 175 NW Lansing. One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2894) SW REGENT 200 NW Lansing. One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2894) SW REGENT 225 NW Lansing. One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2895) SE POLK & GREEN. Plumbing and heating, etc., for apartment house.
Owner.....Bothin Real Estate Co.
Architect...J. A. Ettler, 604 Mission, San Francisco.
Contractor..Atlas Heating & Ventilating Co., 4th and Freelon, San Francisco.

Filed Aug. 8, '13. Dated Aug. 7, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$9670
Bond, none. Limit, as required. Forfeit, none. Specifications only filed.

(2896) N FILBERT 191-6 W Devisadero W 27xN 137-6. All work for two-story and attic frame flats.
Owner.....Thos. R. & Sarah Edwards 323 Geary, San Francisco.
Architect...None.
Contractor..Thos. Scoble, 363 14th Ave., San Francisco.

Filed Aug. 8, '13. Dated Aug. 7, '13.
Frame up\$1850
Brown coated 1850
On commencement of interior finish 1850
Completed 925
Usual 35 days..... 1850
TOTAL COST, \$7400

Bond, \$3700. Surety, Southwestern Surety Ins. Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2897) W PALOU (16th Ave) 50 NW Lane 25x100; Pin Lot 1 Blk 329 South San Francisco and R. R. Ass'n. All work except plumbing, painting, lath metal, brick and tiling for one-story frame building.

Owner.....Thos. R. and Mary Smith.
Architect...John F. Haner.
Contractor..Jas. Tarbett, 370 30th Ave. and Fred Knott, 2332 Clement, San Francisco.
Filed Aug. 8, '13. Dated Aug. 7, '13.
Frame up and roof rafters in.....\$300
Brown coated 300
Completed and accepted..... 300
Usual 35 days..... 300
TOTAL COST, \$1200

Bond, \$600. Surety, Leo Hardy. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(2898) SE SUTTER AND JONES S 100x E 72. Excavating, concrete, side walk lights, concrete floors, concrete fill, etc., for six-story and basement frame building.

Owner.....Starr & Larsen
Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
Contractor..Jos. Pasqualetti as San Francisco Concrete Co., Humboldt Bank Bldg., S. F.
Filed Aug. 8, '13. Dated Aug. 7, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3665

Bond, \$1832.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(2899) S PINE 112-6 E Leavenworth E 25xS 137-6. All work except steam heating and wall beds and gas fixtures and shades for three-story and basement frame apartments.
Owner.....Wm. H. and David F. Kelly
Architect...Rousseau & Rousseau, Menadnock Bldg., S. F.
Contractor..Higginson & Co., Inc., 8 Falcon Ave., S. F.

Filed Aug. 7, '13. Dated July 31, '13.
Frame up\$3543 75
Brown coated 3543 75
Completed and accepted..... 3543 75
Usual 35 days..... 3543 75
TOTAL COST, \$14,175 00

Bond, \$7065. Sureties, J. W. Schouten and J. H. McCallum. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2900) W DELANO 59 S Isabel being Lot 34 Blk "H" Mission Terrace. All work for one and one-half-story and basement frame bungalow.

Owner.....Chas. O. and Josephine P. L'Heureux, 218 Paris, S. F.
Architect...None.
Contractor..T. Roy Murray, 116 10th Ave., San Francisco.
Filed Aug. 8, '13. Dated Aug. 5, '13.
Rafters on\$735
Brown coated 735
Completed and accepted..... 735
Usual 35 days..... 735
TOTAL COST, \$2940

Bond, \$1470. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

NOTE—O. E. Evans, 2367 Mission is the Architect.

(2901) NO. 1456 HAIGHT. Alter front and interior of store.

Owner.....M. Stehn, 41 Montgomery,
San Francisco.
Architect...None.
Contractor...Thos. J. Sheridan, 1468
Page, San Francisco.
COST, \$400

(2902) NO. 4228-30 GEARY. Repair
stable.
Owner.....Jas. E. Finch, 318 6th, S. F.
Architect...None.
Contractor...J. P. Leonard, 444 3rd,
San Francisco.
COST, \$800

(2903) NO. 935 WEBSTER. Raise
building and connect with rear.
Owner.....Miss M. E. Kaplan, 3001
Pine, San Francisco.
Architect...None.
Contractor...W. S. Judd, 1208 Turk,
San Francisco.
COST, \$500

(2904) NE CLAY AND HYDE. Alter
flat into store.
Owner.....Kinslow Bros., Santa Rosa
Architect...None.
Contractor...J. O. Kuykendall, Sharon
Bldg., San Francisco.
COST, \$1000

(2905) SE GOLDEN COURT AND
Sacramento. Three-story and basement
frame flats.
Owner.....Dr. C. S. Mann, 378 Golden
Gate Ave., San Francisco.
Architect...None.
Day's work. COST, \$7250

(2906) W FIFTEENTH AVE 304 3-12
N Clement. Two-story and basement
frame residence.
Owner.....N. P. Nelson, 30 Presidio
Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2907) W TENTH AVE 70 N Fulton.
Two-story and basement frame resi-
dence.
Owner.....N. F. Nelson, 30 Presidio
Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2908) W TENTH AVE 95 N Fulton.
Two-story and basement frame
dwelling.
Owner.....N. F. Nelson, 30 Presidio
Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2909) S TWENTY-SECOND 90 E
Valencia S 55x E 35. All work for
alterations and additions to two-
story flat building.
Owner.....Howse Bros. Inc., 22nd &
Valencia, San Francisco.
Architect...Ernest V. Essmann, 155
Chattanooga, S. F. (un-
certified).

Contractor...J. M. Ploeger, 3265 26th,
San Francisco.
Filed Aug. 9, '13. Dated July 30, '13.
New frame up.....\$1075
Brown coated.....1075
Completed.....1075
Usual 35 days.....1075
TOTAL COST, \$4300
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2910) E HYDE 68-9 S Filbert S 25-10
x E 68. All work for three-story
frame flats.

Owner.....Mary A. and Henry G.
Pausmann, 3305 Buchanan,
San Francisco.
Architect...Plans by Contractor.
Contractor...Paul De Martini.
Filed Aug. 9, '13. Dated Aug. 9, '13.
Frame up, roof sheathing on.....\$1625
Brown coated.....1625
Completed and accepted.....1625
Usual 35 days.....1625
TOTAL COST, \$6500
Bond, \$3250. Sureties, G. B. Cordano
and G. Taieri. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2911) N BUSH 121-5½ W Polk. All
work except glazing, electric wiring,
elevator, roofing, skylights and ven-
tilators for two-story brick shop
building 56-5½x120.
Owner.....A. A. Myers, Clunie Bldg.,
San Francisco.
Engineer...Leland S. Rosener, Mer-
chants' Exchange Bldg.,
San Francisco.

Contractor...O. W. Britt, 330 Ivy, S. F.
Filed Aug. 9, '13. Dated Aug. 7, '13.
On 1st of each month as work
progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$11,471
Bond, \$8603 Surety, National Surety
Co. Limit, 45 days. Forfeit, none.
Plans and specifications filed.

(2912) N TWENTY-THIRD 46-9 N
Diamond; No. 4204 23rd. Carpenter-
ing, plastering, plumbing, etc., for
rebuilding frame building (one-story
and basement frame).
Owner.....Mrs. and Mr. Paul Sem-
mick, 4204 23rd. S. F.
Architect...None.

Contractor...Charles F. Weldon.
Filed Aug. 9, '13. Dated Aug. 4, '13
Frame up and foundation in.....\$340
Plastered inside.....340
Completed and accepted.....340
Usual 35 days.....340
TOTAL COST, \$1260
Bond, none. Limit, 60 days from Aug.
5. Forfeit, none. Plans and specifica-
tions filed.

COMPLETION NOTICES. San Francisco.

Aug. 1, 1913—W DUPONT 77-6 N
Pacific N 20xW 72. Estella Altmark
to Wm Van Herick and J V West-
erlund.....Aug. 4, 1913
Aug. 1, 1913—SE TWENTY-SECOND
and Bartlett 89x125. J G Klumpke
to C D Rankin.....July 27, 1913
Aug. 1, 1913—NE YAN NESS AVE
and California N 142-2½x E 100.
Royal Investment Co to Peterson &
Rupp.....July 31, 1913
Aug. 1, 1913—S BUSH 107-6 W Leav-
enworth W 30x137-6. Harry
Palmer to whom it may concern.....
Aug. 1, 1913
Aug. 1, 1913—NW BUSH & SANSOME
N 137-6xW 67-6. Standard Oil Co
to H W Johns Manville Co.....
Aug. 1, 1913
Aug. 1, 1913—S ELLIS 110 E Polk E
27-6xS 120. Mrs Joan Euddy to
Christiansen & Smith.....Aug. 1, 1913
Aug. 2, 1913—SE MARKET AND
Ecker. Crocker Estate Co to
American Marble & Mosaic Co.,
July 31; S F Cornice Co. July 29, 1913
Aug. 2, 1913—E TWENTY-FIRST
AVE 66-8 N Ulloa N 33-4x E 120.
Parkside Home Bldg Co to whom

it may concern.....July 31, 1913
Aug. 2, 1913—NE COLUMBUS AVE &
Vallejo E 77-8½xN 137-6. Roman
Catholic Archbishop of S F to
Charles Campbell, July 24, 1913; J
Llewellyn Co.....July 24, 1913
Aug. 2, 1913—S TURK 151-2 E
Arguello E 25xS 137-6. Wm P and
Annie White to Chas Salter.....
July 18, 1913
Aug. 2, 1913—N VALLEJO 167-6 E
Steiner E 38-9xN 137-6. D W
Montgomery to J R Catherwood.....
July 25, 1913
Aug. 4, 1913—S MISSION 50 E 4th
S 170xW 50. Annie M Faxon to
Frank La Torre, July 30; A E
Brooke Ridley, July 24; Frederick
W Shook, July 31; Kiernan &
O'Brien.....July 30, 1913
Aug. 4, 1913—S POST 82-6 E Gough
E 55xS 137-6. Clay M, Wm, Francis
M Greene and Ursula Greene Saw-
yer to Fred F Christ.....Aug. 1, 1913
Aug. 4, 1913—S TWENTY-EIGHTH
100 W Church S 34x E 100. Alberto
Rosa to L Cereghino & Son.....
July 30, 1913
Aug. 4, 1913—S "H" 57-6 E 48th Ave
E 50xS 100. Eliza Baum to T Roy
Murray.....Aug. 2, 1913
Aug. 4, 1913—E MISSION 215 N 22nd
N 88x E 122-6. The Wigwam Amuse-
ment Co to Automatic Sprinkler Co
of American, Herman Bosch, Daniel
O'Day Co, J R Cahill, The Elec
Constr Co, Joseph G Gallagher,
John G Sutton Co, Berke Bros and
Stanquist & Forbes.....July 24, 1913
Aug. 4, 1913—S IRVING 57-6 W 16th
Ave 25x100. F Mancuso to Hecken-
roth & Schell.....July 30, 1913
Aug. 4, 1913—SE MARKET 45-10 SW
Spear SW 45-10xSE 137-6. Sommer
& Kaufmann Inc to McKenna &
Walk.....Aug. 4, 1913
Aug. 4, 1913—S CALIFORNIA 72-6 E
Gough E 32-6xS 100. Hilda Levi
and Lucy Pilger to F L Hansen.....
Aug. 4, 1913
Aug. 4, 1913—SE MARKET 45-10 SW
Spear SW 45-10xSE 137-6. Sommer
& Kaufmann Inc to Joseph Green-
back.....July 31, 1913
Aug. 4, 1913—E ALABAMA 180 N
Army N 65x E 100. Louis Zwissig
to Magr Bros.....Aug. 2, 1913
Aug. 5, 1913—E BAKER 55 N Mc-
Allister N 50x E 96-10½. Owen Mc-
Hugh to Martin Peterson, July 20, '13
Aug. 5, 1913—S JACKSON 137-6 W
Walnut W 34-4½xS 127-8½. Eu-
gene Fisher to Joe Johnson.....
July 23, 1913
Aug. 5, 1913—E TWENTY-EIGHTH
Ave 175 S Clement S 25x E 120. In-
vestment & Constr Co to whom it
may concern.....Aug. 4, 1913
Aug. 5, 1913—SE CALIFORNIA AND
Leldesdorff fronting N on California
and at rear end 107-6 extend-
ing E and W 137-6. The Insurance
Exchange, Inc to J E O'Mara.....
July 31, 1913
Aug. 5, 1913—S O'FARRELL 114 W
Larkin W 48-6xS 120. C P Buckley
to Knutes & Richley.....Aug. 1, 1913
Aug. 5, 1913—W GRANT AVE 137-6
S Broadway W 61-6xS 40. Lucile
Marchebout to Geo W Borton.....
Aug. 1, 1913
Aug. 5, 1913—E TWENTIETH AVE
100 S Lake S 25x E 120. John John-
son to whom it may concern.....
Aug. 4, 1913
Aug. 5, 1913—NW NONTGOMERY &
Post. First Federal Trust Co to
Rudgear Merle Co.....Aug. 1, 1913

Aug. 6, 1913—S ELIZABETH 230 E Castro E 25xS 114. Patrick Hurley to whom it may concern. July 20, '13
Aug. 6, 1913—N BUSH 88-16 E Jones. E L Hueter to Davis & Doman Elec. Co. Aug. 7, 1913
Aug. 6, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 127-6. Winslow Anderson to John G Sutton & Co.

..... Aug. 6, 1913
Aug. 6, 1913—SE MARKET 45-10 SW Spear SW 45-10xSE 137-6. Sommer & Kaufman to Andrew Wilkie Co. Aug. 4, 1913

Aug. 6, 1913—S TWENTY-EIGHTH 100 W Church S 34x E 100. Alebro Rosa by Welsh & Carey to John A Schelleh. Aug. 6, 1913

Aug. 7, 1913—SE MARKET 45-10 SW Spear SW 45-10 SE 137-6 NW 137-6. Sommer & Kaufman to Frank J Kihmm. Aug. 6; Thomas F Rigney

..... Aug. 6, 1913
Aug. 7, 1913—SW FULTON & BAKER W 100xS 25. Ernestine Ephraim to Illeginson & Co, Inc. Aug. 2, 1913

Aug. 7, 1914—NW OAK AND VAN Ness Ave W 157-6 N 80 W 21 N 40 E 178-6 S 120. Masonic Temple Association to S F Hardware Co.

..... Aug. 1, 1913
Aug. 7, 1913—N BROADWAY 47-7 W Grant Ave W 21-2xN 48-6. Prosper Bacigalupi to A Tosy and C Calegaris. Aug. 4, 1913

Aug. 6, 1913—W TWENTY-FIFTH Ave 175 N Irving N 125xW 120. Wm Havard & Jno E Hill to whom it may concern. Aug. 1, 1913

Aug. 7, 1913—SW KEARNY & VALLEJO S 20xW 51-6. Wiechen Ehlers to John Casty. Aug. 4, 1913

Aug. 8, 1913—S GROVE 160 E Shrader E 25xS 137-6. John O'Hare to whom it may concern. Aug. 7, 1913

Aug. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to The Vulcan Iron Works. Aug. 5, 1913

Aug. 8, 1913—S CHESTNUT 62 E Taylor. Nicola Cuneo to whom it may concern. Aug. 6, 1913

Aug. 8, 1913—W LISBON 125 S Excelsior Ave. Ward C Brown to whom it may concern. Aug. 6, 1913

Aug. 8, 1913—SW SIXTH & HOWARD NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NW 75. R D McElroy to Hoffman & Meuser. Aug. 4, 1913

LIENS FILED.

San Francisco.

Aug. 1, 1913—LOT 134 Demarlin Tet N O Nelson Mfg Co vs Julia A Brown and John Shears. \$236.44
Aug. 2, 1913—NE GEARY & VAN Ness Ave E 109xN 120. Wm F Wilson Co vs Chas L Tilden Co. Peterson, Rupp & Co. \$1371.50
Aug. 4, 1913—SE POWHATTAN & Nebraska Ave S 25x E 100. Thos A Clark vs William Helbing. \$35.86
Aug. 6, 1913—NW SACRAMENTO & Powell N 52xW 91-6. Golden Gate Structural & Ornamental Iron Wks vs Clay M. William, Frances M Greene and Ursula Greene Sawyer \$1436

NOTICE OF NON-LIABILITY.

Aug. 4, 1913—SW POWELL & ELLIS E 48xW 75. Benjamin H Lichtenstein as to improvements on leased property

PARTIAL RELEASE OF LIEN.

Aug. 5, 1913—E PETERS AVE (E line fixed as follows, SW Fair Ave 149 SE Mission SW parallel with Mission 178) 78 SW Fair Ave SW 25xSE 73-6. J H Kruse to J C Stromswold

NOTICE OF NON-LIABILITY.

Aug. 7, 1913—LOT 487 Silver Terrace Hd Ass'n. Sarah Weinstein as to improvements on leased property.

RELEASE OF BUILDING CONTRACT.

Aug. 7, 1913—S EIGHTEENTH 25 W Clover Ave. Geo W Hall and Annie Hall with C Werner & Co. Releasing contract recorded. April 26, 1913

RELEASE OF BUILDING CONTRACT.

Aug. 8, 1913—N FILBERT 191-6 W Devisadero W 27xN 137-6. Thos R and Sarah F Edwards with Thos Scoble

OAKLAND AND ALAMEDA

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Frances Foye. The dwelling, which has been designed for an eight-room house with bath and sleeping porch, will be erected in Rock Ridge Park. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans have been out for figures and a contract will be signed this week.

BUNGALOW — 1 story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The bungalow will be erected on Rose avenue and will contain six rooms, bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and out for figures. Bids will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Arthur D. Nicholson, Whittell Bldg., S. F. Owner, W. D. Tillinghast. The house will be erected on Mountain View avenue near Pacific and has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine, mahogany and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster

on metal lath. Plans are complete and figures are being taken by the architect.

BUNGALOW—1½ story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. Wilcox, 2237 Roosevelt avenue, Berkeley. The house will contain seven rooms and is to be erected on Satter street, between Yolo and Hopkins streets. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

BUNGALOW — 1 story and base, frame, \$2,500. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, Miss A. Delaney. The house, which has been designed to contain six rooms and bath, will be erected on King street. Interior finish will be of pine with some hardwood veneer and hardwood floors in the principal rooms. There will be a large open fire place with brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and figures are now being taken by the architect.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, J. Henry Walbold. The house will be erected in Claremont Tract and has been designed to contain eight rooms and bath. Interior finish will be of pine with some hardwood. Hardwood floors will be used in the principal rooms. There will be a large sleeping porch in connection with one of the bedrooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

SCHOOL ADDITION — Frame construction, \$4,500. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The temporary building known as the Fruitvale School will be altered and an addition constructed. Plans are complete and out for figures. Bids will be opened by the Board of Education on August 18th. Plans and specifications can be secured from the architect.

STORE ALTERATIONS—2 buildings, brick construction, \$20,000 and \$8,000. Oakland, Cal. Architect, Walter J. Mathews, 927 Broadway, Oakland. Owners, Durst Bros. and M. J. and J. W. Layman. The Durst Bros' job, which is at the northeast corner of 12th and Washington streets, will cost in the neighborhood of \$20,000. The Layman job, at the northwest corner of the same streets, will cost \$8,000. Both buildings will have new store fronts, interior finish, plumbing, plastering and electric wiring. Plans are

complete and the work will be done by Day Labor. Mr. Mathews will superintend.

Contracts Awarded.
SYNAGOGUE—1 story and base, brick and steel, \$65,000. Oakland, Cal. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owners, First Hebrew Congregation of Oakland. Contractors, Schnebly-Hostravsky & Pedgrift, First National Bank Bldg., Oakland, general construction. Contract price, \$65,000.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
2283	Ready	Stanley	1500
2284	Surface	Surface	400
2286	Juispe	Beever	1000
2287	Costa	Costa	700
2288	Same	Same	750
2288	Eby	Eby	1400
2289	Conum	Conum	1450
2290	Peacock	Peacock	2000
2291	McWilliams	McWilliams	1975
2292	Cunningham	Gordon	1000
2293	Brasch	Brasch	1500
2294	Carleton	Carleton	1800
2295	Oakes	Oakes	2300
2296	City of Oakland	Faulkes	750
2297	Same	Same	750
2300	Stephens	Stephens	2400
2301	Seeberger	Sherwood	500
2302	Merlo	Henderson	500
2303	Larsen	Larsen	1600
2301	Norman	Norman	1250
2305	Esola	Campomenosi	1425
2306	Neary	Neary	2500
2307	Collins Bros.	Collins	2500
2308	Decota	Johnson	500
2309	Pearce	Pearce	1500
2310	Blue	Brewin	650
2311	Ergs	Winge	2000
2314	Kenny	McClroy	7000
2315	1st Trust & Svcs.	Foster	4795
2316	Floreys	Moore	450
2317	Williams	Millan	400
2318	Bell	Bell	400
2319	Miller	Miller	25000
2320	United Bldrs	Owner	2500
2321	Hevey	Moore	1675
2322	Chase	Junk	2800
2323	Krull	Larned	1600
2327	Schmidt	Owner	1600
2328	Micheli	Kennedy	1500
2329	Miner	Wood	1800
2330	Goranso	Goranso	2500
2331	Sheppard	Nunes	3262
2333	Peck	Schnebly	15220
2334	Same	Strum	1800
2335	Maurer	Bradley	9375
2339	Welch	Allen	500
2340	Popanek	Larsen	500
2341	Tillinghast	Owner	4967
2342	Aberts	Aberts	400
2345	Jerome	Jerome	150
2346	Bell	Crow	500
2344	Morse	Bullock	1900
2347	Chase	Chase	1800
2348	Le Baron	Le Baron	2000
2349	Teeloo	Teedahl	1500
2355	1st Heb Cong.	Schnebly	54599
2356	Lutton	Lutton	500
2357	Malone	Malone	1000
2358	Roberts Mfg.	Owner	1200
2359	Rohrwecher	Herbert	400
2360	Chivers	Anderson	10000

(Correction in Location)

(2274) N SUNNYSIDE AVE 35.62 E Oakland Ave E 32 N 74.73 NW 32 SE 73.36, Piedmont. All work for two-story dwelling.
Owner.....Western Union Bldrs, 1617 Telegraph Ave. Oakland.
Architect...None.
Contractor...W. B. Roberts, 1617 Telegraph Ave., Oakland.
Filed Aug. 1, '13 Dated May 19, '13
Owner pays bills.....
TOTAL COST, \$3250
Bond, none. Limit, 75 days after May 19. Forfeit, none. Plans and specifications filed.

(2283) E FIFTIETH AVE 200 N E-14th, Oakland. One-story four-room dwelling.
Owner.....C. H. Ready.
Architect...None.

Contractor...C. E. Stanley
COST, \$1500
(2284) NO. 822 FIFTY-SECOND, Oakland. Alter barn to dwelling.
Owner.....Ira E. Surface, Premises.
Architect...None.
Day's work. COST, \$100
(2286) S "A," bet. 90th and 91st Aves, Oakland. One-story 4-room dwlg.
Owner.....Federio Juispe.
Architect...None.
Contractor...D. L. Beever.
COST, \$1000

(2287) E SIXTY-FOURTH AVE 600 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....Manuel L. Costa, 1250 64th Ave., Oakland.
Architect...None.
Day's work. COST, \$700
(2288) S WALNUT 200 W 100th Ave., Oakland. One-story 4-room dwlg.
Owner.....C. A. Eby, Walnut bet. 98th and 100th Aves., Okd.
Architect...None.
Day's work. COST, \$1400

(2289) S FOOT HILL BOULEVARD 45 E Jones, Oakland. One and one-half story 5-room dwelling.
Owner.....F. J. Conum, Premises.
Architect...None.
Day's work. COST, \$1450
(2290) S WENTWORTH AVE 90 E Olive, Oakland. One-story 5-room dwelling.
Owner.....John Peacock, 2512 Chestnut, Alameda.
Architect...None.
Day's work. COST, \$2000

(2291) SW E-TWENTY-FIRST 230 SE 5th Ave., Oakland. One-story 5-room dwelling.
Owner.....R. A. McWilliams, 202 Security Bank Bldg., Okd.
Architect...None.
Day's work. COST, \$1975

(2292) E DIAMOND ROAD 2 blocks from Hopkins, Oakland. One-story 4-room dwelling.
Owner.....R. B. Cunningham, Canon Road, Oakland.
Architect...None.
Contractor...M. Gordon, Eamhurst.
COST, \$1000

(2293) E MANILA AVE 125 S Chilton, Oakland. One-story 4-room dwelling.
Owner.....M. P. Brasch, 5836 Ocean View Drive, Oakland.
Architect...None.
Contractor...G. O. Brasch, 5836 Ocean View Drive, Oakland.
COST, \$1500

(2294) E HIGHLAND AVE 250 S E-27th, Oakland. One-story 5-room dwelling.
Owner.....S. Carleton, 6396 Weld, Oakland.
Architect...None.
Day's work. COST, \$1800

(2295) S FIFTY-NINTH 350 W College Oakland. One-story 6-room dwlg.
Owner.....T. J. Oakes, 6977 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2300

(2296) YGNACIO AND CUNGRICES, Oakland. One-story 1-room school.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.
COST, \$750

(2297) EIGHTY-FIFTH AVE & "A," Oakland. One-story 1-room school.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.
COST, \$750

(2298) NE NINETY-EIGHTH AVE & Plymouth, Oakland. One-story 1-room school.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.
COST, \$750

(2300) W FORTY-FIRST AVE 30 S Santa Rita Ave., Oakland. One-story 5-room dwelling.
Owner.....F. W. Stephens, 41st and Santa Rita, Oakland.
Architect...None.
Day's work. COST, \$2400

(2301) SW FIFTY-NINTH & RACINE, Oakland. Temporary church building.
Owner.....G. Seeberger, 5986 Canning Ave., Oakland.
Architect...None.
Contractor...J. P. Sherwood, 563 60th, Oakland.
COST, \$500

(2302) NO. 927 E-NINETEENTH, Oakland. Repairs.
Owner.....P. C. Merlo, Premises.
Architect...None.
Contractor...H. B. Henderson, 3773 Broadway, Oakland.
COST, \$500

(2303) W ELWOOD AVE 422 S Fruitvale Ave., Oakland. One-story 4-room dwelling.
Owner.....R. K. Larsen, 3342 Elmwood Ave., Oakland.
Architect...None.
Day's work. COST, \$1600

(2304) NO. 6821 E-FOURTEENTH, Oakland. Alterations.
Owner.....Nettie Norman, Premises.
Architect...None.
Contractor...S. A. Norman, 6821 E-14th, Oakland.
COST, \$1250

(2305) W MILES AVE 50 S Ayon, Oakland. One-story 4-room dwlg.
Owner.....F. Esola, 5137 Miles Ave., Oakland.
Architect...None.
Contractor...E. Campomenosi, 5168 Miles Ave., Oakland.
COST, \$1425

(2306) W GILBERT 150 S Mather, Oakland. One-story 5-room dwlg.
Owner.....Wm. F. Neary, 1723 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(2307) S OCEAN VIEW DRIVE 400 E College, Oakland. Two-story seven-room dwelling.
Owner.....Collins Bros., 825 57th, Oakland.
Architect...None.
Day's work. COST, \$2500

(2308) NO. 3320 TELEGRAPH AVE., Oakland. Repairs.

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Owner.....Ezra Decota, Security Bk.
Bldg., Oakland.
Architect...None.
Contractor...Ben. O. Johnson & Sons,
2011 E-30th, Oakland.
COST, \$500

(2309) W NINETIETH AVE 120 S
Birch, Oakland. One-story five-room
dwelling.

Owner.....J. C. Pearce, 6932 Lock-
wood, Oakland.
Architect...None.
Day's work. COST, \$1500

(2310) NO. 450 SIXTY-THIRD, Oak-
land. Repairs.
Owner.....Mr. & Mrs. Blue, 24 Clyde,
San Francisco.
Architect...None.
Contractor...P. B. Brewin, 1437 7th,
Oakland.
COST, \$650

(2311) E RICHMOND AVE 500 S Moss
Ave., Oakland. Two-story 5-room
dwelling and garage.
Owner.....A. E. Berg, Oakland.
Architect...None.
Contractor...Wing & Hallgren, 96
Rto Vista, Oakland.
COST, \$3300

(2311) S EIGHTH 100 E Webster E
25X8 109, Oakland. All work for
two-story brick store and rooming
house.
Owner.....James Kenney, Oakland.
Architect...A. Koust, 6508 Raymond,
Oakland.
Contractor...Harry McClog Jr., 623 33rd
Oakland.

Filed Aug. 5, '13. Dated Aug. 5, '13.
1st story of brick up.....\$1200
Brick work completed..... 1000
Roof on, rough plumbing install-
ed, electric wiring roughed in,
cornice work on and floor of 2nd
story completed 1523
Completed and accepted..... 1523
Usual 35 days..... 1750
TOTAL COST, \$7000

Bond, \$5500 Surety, Henry and Cath-
erine McClog. Limit, 60 days. Forfeit,
\$5. Plans and specifications filed.

(2315) SE SIXTEENTH AND SAN
Pablo Ave NE 16.68 SW 36.42 SW
75.19 N 46.10 (67.46) to pt of beg.,
Oakland. Concrete work for founda-
tions for 11-story Class "A" bank and
office building.
Owner.....First Trust & Savings
Bank of Oakland by P. J.
Walker Co., Agents, Oak-
land Bank of Svgs Bldg.
Architect...L. B. Dutton Co., Chroni-
cle Bldg., San Francisco.
Contractor...Foster Vogt Co., Sharon
Bldg., San Francisco.

Filed Aug. 4, '13. Dated Aug. 4, '13.
Semi-monthly payments of.... 75%
36 days after..... 25%
TOTAL COST, \$4795
Bond, \$2398 Surety, Actna Accident &
Liability Co. Limit, as soon as possible
(column footings and pedestals com-
pleted by August 12.) Forfeit, \$50.
Plans and specifications filed.

(2316) NO. 9103 "D," Oakland. Alter
and add.
Owner.....Mrs. J. E. Florey, Premises
Architect...None.
Contractor...C. A. Moore, 9103 "D," Oak-
land
COST, \$450

(2317) NO. 1720 EIGHTY-FIRST AVE
Oakland. Alterations.
Owner.....A. E. Williams, Premises.
Architect...None.
Contractor...L. W. Milan, 1732 81st Ave.
Oakland.
COST, \$400

(2318) NO. 3760 FRUITVALE AVE.,
Oakland. One-story 3-room dwlg.
Owner.....W. P. Bell, Premises
Architect...None.
Day's work. COST, \$100

(2319) S TWENTY-FIRST 360 E Web-
ster, Oakland. Three-story 72-room
apartments.
Owner.....D. Miller, 319 21st, Okd.
Architect...None.
Day's work. COST, \$25,000

(2320) E ROSE AVE 100 S Green-
bank, Piedmont. One-story 6-room
bungalow.
Owner.....United Home Bldrs., 1762
Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(2321) S TWENTY-EIGHTH 65 W
Linden, Oakland. One-story 6-room
dwelling.
Owner.....Thos. Hevey, Gregory
Apartments, Oakland.
Architect...None.
Contractor...R. E. Moore, 615 Hobart,
Oakland.
COST, \$1675

(2325) E JEAN 40 S Alta Vista, Oak-
land. One-story 5-room dwelling
Owner.....C. H. Chase, Oakland.
Architect...None.
Contractor...Junk-Riddell Co., 2247
Telegraph Ave., Berkeley.
COST, \$2800

(2326) NW KALES AND MANILA,
Oakland. Two-story 6-room dwlg.
Owner.....Mrs. Krull, Sutter Co., Cal.
Architect...None.
Contractor...Edw. Larmer, 631 Poirier
Oakland.
COST, \$2500

(2327) E FOURTEENTH AVE 600 N
E-24th, Oakland. Two-story 6-room
dwelling.
Owner.....E. A. Schmidt, 125 E-15th,
Oakland.
Architect...None.
Day's work. COST, \$1600

(2328) NO. 333 SEVENTH, Oakland.
Alterations.
Owner.....S. Millicich.
Architect...None.
Contractor...Bacuss & Kennedy, 951
Rose Ave., Piedmont.
COST, \$1500

(2329) W NINETIETH AVE 100 N E-
11th, Oakland. One-story 6-room
dwelling.
Owner.....Dr. M. L. Miner.
Architect...None.
Contractor...A. E. Woods, 1709 89th Ave
Oakland
COST, \$1800

(2330) S FIFTY-FIRST 110 E Shafter
Ave., Oakland. One-story six-room
dwelling.
Owner.....H. Goranson, 431 48th,
Oakland
Architect...None.
Day's work. COST, \$2500

Wednesday, Aug. 13, 1913.

BUILDING AND INDUSTRIAL NEWS

(2331) LOTS 20 AND 21 BLK 2 Map Oaklawn, Oakland. All work for two story 6-room dwelling.
Owner.....Eli T. Sheppard, Oakland.
Architect...None.
Contractor...Geo. W. Nunes, 3516 West, Oakland.

Filed Aug. 7, '13. Dated Aug. 5, '13.
Frame up 1/4
1st coat plaster on..... 1/4
Interior finish on..... 1/4
Completed and accepted..... 1/4

TOTAL COST, \$2262
Bond, none. Limit, 90 days. Forfeit, \$2 a day. Plans and specifications filed

(2333) S LEE 242 E Montecito being ptn Plot 21 Kellersberger's Map Ranchos V & D Peralta, Oakland. Brick work, carpenter work, steel work, roof, tile roof, flooring, windows, glazing, screens, wainscoting, mantels, picture moulding, seats, bookcases, lockers, etc., marble work, hardware, lath and plaster, ornamental work or two-story and basement dwelling.

Owner.....Edward Beck, 290 Lee St., Oakland.

Architect...Cunningham & Politeo, 1st National Bank Bldg., S. F.
Contractor...Schnebley, Hostrawser & Pedgrift, 1943 Broadway, Oakland.

Filed Aug. 6, '13. Dated July 24, '13.
1st and 15th of each month.... 75%
Usual 35 days..... 25%

TOTAL COST, \$15,220
Bond, \$7610. Surety, Southwestern Surety Ins. Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(2334) GAS FITTING, PLUMBING, water closets, bath tubs, wash basins, sinks, wash trays, shower, hoppers, sewers and sheet metal work on above.

Contractor...Charles Strum, 407 12th, Oakland.

Filed Aug. 6, '13. Dated July 25, '13.
Payments same as above.....

TOTAL COST, \$1890
Bond, \$900. Surety, U. S. Fidelity & Guaranty Co. Limit, 40 days. Forfeit, \$5. Plans and specifications filed

(2335) TWENTIETH & SAN PABLO Ave., Oakland. Metal furring and corns bands, plaster board, interior and exterior plastering for building.

Owner.....Margaret Maurer and May Virginia Gray, 1724 Le Roy Ave., Oakland.

Architect...Woodlett & Woodlett, Newhall Bldg., S. F.

Contractor...McLeran & Peterson, Williams Bldg., S. F.

Sub-Contractor...Bradley & O'Reilly.

Filed Aug. 7, '13. Dated July 29, '13.
As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3375
Bond, limit, forfeit, plans and specifications, none.

(2337) FOURTEENTH AND CLAY, Oakland. Alterations.

Owner.....Taft & Penoyer, Premises

Architect...None.

Contractor...Schnebley, Hostrawser & Pedgrift, 1943 Broadway, Oakland.

COST, \$500

(2338) NO. 918 FORTY-SIXTH, Oakland. Addition.

Owner.....S. Tomalle, Premises.

Architect...None.

Contractor...Eugenio Luzane, 2516 Poplar, Oakland.

COST, \$400

(2339) E HILLCREST ROAD 350 N Eucalyptus Road, Berkeley. Garage.

Owner.....Alice C. Welch, 2944 Evelyn Ave., Berkeley.

Architect...None.

Contractor...F. E. Allen, 468 34th, Okd.

COST, \$500

(2340) NO. 626 THIRTY-SIXTH AVE. Oakland. Addition.

Owner.....Mrs. M. A. Popanek, Prem.

Architect...None.

Contractor...R. K. Larsen, 3342 Elmwood Ave., Oakland.

COST, \$500

(2341) W MOUNTAIN AVE near Pacific, Piedmont. Two-story frame residence.

Owner.....W. D. Tillinghast, 315 Highland Ave., Piedmont.

Architect...Arthur D. Nicholson, Whittell Bldg., S. F.

Day's work. COST, \$4967

(2342) NO. 624 MARIPOSA, Oakland. Additions.

Owner.....Mrs. D. W. Aberts, Prem.

Architect...None.

Day's work. COST, \$400

(2344) N SEQUOIA 120 E Arroyuello Ave., Oakland. One-story 5-room dwelling.

Owner.....C. S. Morse, 1525 Broadway, Oakland.

Architect...None.

Contractor...O. M. Bullock, 1952 Broadway, Oakland.

COST, \$1900

(2345) N DANTE 525 E Virgil Ave., Oakland. One-story 4-room dwlg.

Owner.....Manuel Jerome, 34 29th, Oakland.

Architect...None.

Day's work. COST, \$450

(2346) NO. 1636 SAN PABLO AVE., Oakland. Alterations.

Owner.....H. Bell, 1st National Bank Bldg., Oakland.

Architect...None.

Contractor...J. W. Crow, 911 56th, Okd.

COST, \$500

(2347) N ANGELO AVE 85 W 35th Ave., Oakland. One-story 5-room dwelling.

Owner.....W. H. Chase, 3790 Angelo Ave., Oakland.

Architect...None.

Day's work. COST, \$1800

(2348) N BOND 80 E 51st Ave., Oakland. One-story 6-room dwelling.

Owner.....W. A. Le Baron, 1039 45th Ave., Oakland.

Architect...None.

Day's work. COST, \$2000

(2354) CONTAINING 36.769 ACRES and being part Plot J Sbdvn Rancho Las Positas, Murray Tp. All work for two-story and basement dwelling

Owner.....Coast Mfg. & Supply Co., 1022 66th Ave., Oakland.

Architect...None.

Contractor...Carl H. Rasmussen, Livermore.

Filed Aug. 8, '13. Dated July 16, '13.

Foundations and excavation completed 25%

Interior plaster completed.... 25%

Completed and accepted..... 25%

Usual 35 days..... 25%

TOTAL COST, \$4785

Bond, \$2392. Surety Title Guaranty & Surety Co. Limit, 90 days after July 16. Forfeit, \$20 per day. Plans and specifications filed.

(2355) NW MERRIMAC & WEBSTER W 100 N 40 E 95 N 60 E 99.05 S 100; W Webster 100 N 28th N 58 W 99.05, Oakland. All work except electric wiring and fixtures, painting and finishing not called for under carpenter work and shades for Class "C" Synagogue.

Owner.....First Hebrew Congregation of Oakland.

Architect...G. Albert Lunsburg, 709 Mission, San Francisco.

Contractor...Schnebley Hostrawser & Pedgrift, 1943 Broadway, Oakland.

Filed Aug. 8, '13. Dated Aug. 8, '13.

Between 3rd and 15th of each month 65%

Completed and accepted..... 10%

Usual 35 days..... 25%

TOTAL COST, \$54,599

Bond, \$30,000. Surety, Globe Indemnity Co. Limit, 8 months. Forfeit, \$10 a day. Plans and specifications filed.

(2356) NO. 1370 2-THIRTY-SECOND, Oakland. Alterations and additions.

Owner.....T. J. Lutton, Premises.

Architect...None.

Day's work. COST, \$500

(2357) E MIDVALE AVE 160 S California, Oakland. One and one-half story 4-room dwelling.

Owner....R. C. Malone, 3312 Bryan, Oakland.

Architect...None.

Day's work. COST, \$1000

(2358) S E-TWENTY-SIXTH 36 W Highland Ave., Oakland. One-story 4-room dwelling.

Owner.....Roberts Investment Co., 1611 Telegraph Ave., Okd.

Architect...None.

Day's work. COST, \$1200

(2359) ONE-FOURTH MILE W Moraga Ave S of Bellevue, Oakland. Alterations.

Owner.....A. Rohrweber, Premises.

Architect...None.

Contractor...H. Herbert, 1320 Haskell, Oakland.

COST, \$400

(2360) S FIFTEENTH 100 W Brush, Oakland. Three-story 36-rm apartments.

Owner.....G. E. Chivers, 230 Stockton, San Francisco.

Architect...None.

Contractor...Nils Anderson, 2024 22nd Ave., Oakland.

COST, \$10,000

NOTICE OF NON-RESPONSIBILITY.

Aug. 7, 1913—LOT 20 BLK E Northbrae Terrace, Bkly. Berkeley Development Co as to improvements on leased property.....

Aug. 7, 1913—LOT 6 BLK E Northbrae Terrace, Bkly. Berkeley Development Co as to improvements on leased property.....

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
2285	Van Sant	Van Sant	600
2299	Dall	.....Offe	1500
2312	Boden	.....Gastman	2700
2315	Fontaine	.....Blabon	2550
2322	Davis	.....Davis	1000
2323	Cal Cider	.....Kruyer	3000
2324	Gester	.....McCauley	7500
2332	Dixon	.....Kollmar	4750
2336	Burg	.....Allen	1000
2337	Tift	.....Schneely	500
2338	Tomatie	.....Luzane	400
2343	Cal Cider	.....Kruyer	3005
2350	Bell	.....Weitzel	4000
2351	Alratt	.....Kidder	500
2352	Delany	.....Sorenson	2388
2353	Wilcox	.....Wilcox	3000
2354	Coast Mfg.	.....Rasmussen	4755

(2285) NO. 6 ENCINA PLACE, Berkeley. Addition.
Owner.....Elizabeth Y. Van Sant, 6 Encina Place, Berkeley.
Architect...None
Contractor...R. H. Van Sant, 1st National Bank Bldg., Okla.
COST, \$500

(2299) S BANCROFT WAY 150 W 10th, Berkeley. One-story 5-room dwelling.
Owner.....T. Dall, 1011 Baneroff Way, Berkeley.
Architect...None
Contractor...F. Offe, 1025 Bristol, Bkly.
COST, \$1500

(2312) LOT 1 BLK 18 Map Northbrae, Berkeley. Carpenter, brick, cement, plaster, electric wiring, electric fixtures, painting, plumbing, mill work and hardware for one-story dwelling.
Owner.....C. W. Boden, 3303 Adeline, Berkeley
Architect...Hiram K. Lovell, 1617 Felton, Berkeley.
Contractor...Herman H. Gastman, 2530 Eunice, Oakland.
Filed Aug. 5, '13. Dated July 21, '13.
Contract recorded.....\$650
Studs and floor joists set.....250
Plastered.....600
Completed and accepted.....600
Usual 35 days.....600
TOTAL COST, \$2700
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2313) LOT 58 Map Resdvnd Peralta Park, Berkeley. All work for one and one-half-story dwelling.
Owner.....E. B. & Alberta Fontaine, Berkeley.
Architect...None
Contractor...C. M. Blabon Co., 462 Crescent, Berkeley.
Filed Aug. 5, '13. Dated Aug. 1, '13.
Rough frame up and rough sheathed.....\$640
Interior and exterior plastering completed.....635
Completed and accepted.....635
Usual 35 days.....640
TOTAL COST, \$2550
Bond, \$1000. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2322) S BANCROFT 55 E McGee, Berkeley. One-story 4-room dwlg.
Owner.....J. W. Davis, 1631 Allston Way, Berkeley.
Day's work. COST, \$1000

(2323) E TENTH 260 N Allston Way, Berkeley. One-story Class "C" warehouse.

Owner.....California Cider Co., 2121 10th, Berkeley.
Architect...Leland S. Borner, Merchants' Exchange Bldg., San Francisco.

Contractor...A. E. E. Krueger, 4111 San Pablo Ave., Berkeley.
COST, \$3000

(2324) S UPLANDS 400 W Hillcrest, Berkeley. Two-story 8-room dwlg.
Owner.....Mrs. G. C. Gester, 139 Hillcrest Road, Berkeley.
Architect...None.

Contractor...J. S. McCauley, 139 Hillcrest Road, Berkeley.
COST, \$7800

(2325) W MARIPONSA 600 S Los Angeles, Berkeley. Two-story 7-room dwelling and garage.
Owner.....Ben. D. Dixon, 1828 Francisco, Berkeley.
Architect...None.

Contractor...Jacob Kollmar, 2753 Piedmont Ave., Oakland.
COST, \$1750

(2326) E- HILLCREST 400 N Euca-lyptus Road, Berkeley. One-story garage.
Owner.....E. J. Berg, 89 Hillcrest Rd. Berkeley.
Architect...None.

Contractor...F. E. Allen, 468 34th, Bkly.
COST, \$1000

(2343) E TENTH 260 N Allston Way being Next to 2121 10th, Berkeley. All work for one-story Class "C" warehouse.

Owner.....M. G. Fox (operating under name of California Cider Co., 2121 10th, Bkly.
Architect...L. S. Rosener, Merchants' Exchange Bldg., S. F.
Contractor...A. C. C. Kruger, 4111 San Pablo Ave., Berkeley.

Filed Aug. 6, '13. Dated Aug. 4, '13.
Completed and accepted.....75%
Usual 35 days.....25%
TOTAL COST, \$3005
Bond, \$1950. Surety, U. S. Fidelity & Guaranty Co. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.

(2349) W WHEELER 12 N Prince, Berkeley. Alterations.

Owner.....Chas. C. F. Geelow, 3054 Wheeler, Berkeley.
Architect...J. H. Ford, 2136 Center, Berkeley.

Contractor...C. Texdahl, 3035 Harper, Berkeley. COST, \$1500

(2350) E BENVENUE 120 S Russell, Berkeley. Two-story 8-room dwlg.
Owner.....Wm. J. Bell, 2507 Webster, Berkeley.

Architect...None.
Contractor...John Weitzel, 1519 Grant, Berkeley.
COST, \$4000

(2351) W ADDISON 50 W McGee, Berkeley. Alterations.
Owner.....M. J. Alrott.
Architect...None.

Contractor...Kludger & McCullough, 2075 Addison, Berkeley.
COST, \$500

(2352) S TODD 38½ W King, Berkeley. One-story 6-room dwelling.
Owner.....Mrs. Delany, 1634 Todd, Berkeley.
Architect...None.

Contractor...Walter Sorensen, 3219 Ellis, Berkeley. COST, \$2388

(2353) W SATTEH bet. Yolo and Hopk-kins, Berkeley. One-story 6-room dwelling.
Owner.....E. Wilcox, 2237 Roosevelt, Berkeley.

Architect...None.
Day's work. COST, \$3000

Completion Notices.

ALAMEDA COUNTY.

July 31, 1913—LOT 13 BLK "D" Map Major Given Tract, Okd. Rosalie and Heinrich Eby to Ben Frankford.....July 30, 1913
Aug. 1, 1913—LOT 22 Map Darwin Place, Okd. George D Slater to United Home Bldrs.....July 25, 1913
Aug. 1, 1913—W EIGHTH 100 N Virginia 22,50x100, Bkly. Ira Sorrick to F R Peake Co.....July 29, 1913
Aug. 1, 1913—LOT 16 Amended Map Alta Piedmont Tract, Oakland Tp. H E Jones to E J Aalto, July '79, 1913
Aug. 1, 1913—LOT 34 BLK "N" 4th Ave Terrace, Okd. Agnes Dering to F A Young.....July 30, 1913
Aug. 4, 1913—LOT 5 BLK 5 Dwight Way Terrace, Bkly. Frank and Christina Peterson to Frank Peterson.....July 30, 1913
Aug. 4, 1913—LOT 39 BLK 4 Map Havenscroft and Lot 40 Bk 4, except ptn SW parallel to SW in Lot distant at r a 10 N E thereof Okd. Piedmont Heights Bldg Co to Olof Nelson.....Aug. 2, 1913
Aug. 4, 1913—LOT 5 BLK 1 Map Berkeley Heights, Bkly. Robert F Ellison to E B Splitter.....Aug. 2, 1913
Aug. 4, 1913—LOT 9 BLK "C" Santa Fe Tract No. 2, Okd. Nettie Allen to M Allen.....July 29, 1913
Aug. 5, 1913—LOT 8 Key Route Station Tract, Okd. William J Baker to Paul Woodburn.....July 30, 1913
Aug. 5, 1913—NE COR. OF W ½ of N ½ of NE ¼ Sec 9 Tp 3 S Range 2 E M and Diabolo Meridian W 2032.6 SW 1327.5 SE 2031.7 NW 1326.8. Coast Mfg & Supply Co to C A Bruce.....July 22, 1913
Aug. 5, 1913—LOT 3 BLK 8 Rock Ridge Park, Okd. R O Wilson to whom it may concern.....July 31, 1913
Aug. 5, 1913—W DIAMOND 119.96 N 41 N 40 ft. Lots 1, 2 and 3, Blk "C" Map Alton Park, Okd. Mae Parvine Garretton and John D Garretton to Lassen Bros.....July 31, 1913
Aug. 6, 1913—LOT 25 Map Grand Ave Terrace, No. 847 Walker Ave, Okd. Louis J Kennedy to H M Swalley.....July 28, 1913
Aug. 6, 1913—LOT 26 BLK 2 Grand View Terrace, Bkly. C T Jones to Bevel & Jones.....Aug. 4, 1913
Aug. 6, 1913—LOT 8 and 10 ft. Lot 9 Map Fourth Avenue Terrace, Okd. Lucy W G Macgregor to United Home Bldrs.....July 29, 1913
Aug. 7, 1913—W REGENT 105 S Ash-bey Ave S 35xW 50, Bkly. Basil K Denbigh to whom it may concern.....Aug. 3, 1913
Aug. 7, 1913—LOT 36 Melrose Blvd Tract; SE 55th Ave and E-17th, Okd. Roderic W Clark to Fred H Brown.....Aug. 6, 1913
Aug. 8, 1913—SW ORCHARD AND Broadway S 126 W 56 N 126 E 100, Okd. Geo G Clarkson to whom it may concern.....Aug. 4, 1913

Aug. 8, 1913—LOT 25 BLK 1 Berkeley Heights, Eklv. F R Peake Co to whom it may concern. Aug. 7, 1913
 Aug. 8, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 th 187 to pt beg, Okd. First Presbyterian Church of Oakland to Hooper Dohmink Art Glass Co....
 July 30, 1913
 Aug. 8, 1913—NW COR 5 ACRE TCT bought by Joseph Laszlett from J G Bray and W A Bray SW 513% NW 292 ft. 7 in. NE 459 ft. 5 in. SE 287 ft. 8 in., Okd. Little Sisters of the Poor of Oakland to Martin Peterson and Newberry-Bendheim Elec Co..... Aug. 7, 1913

LIENS FILED.

ALAMEDA COUNTY.

Aug. 2, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Chas W McCall vs H O Nordwick.....\$1928
 Aug. 2, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Low & Anderson vs Nielsen & Bertelsen, Bertha C Nordwick, J F Carlson, Arthur L Harris and Central Savings Bank.....\$2075.30
 Aug. 2, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Nielsen & Bertelsen vs H O Nordwick, Bertha C Nordwick, J F Carlson, Arthur L Harris and Central Savings Bank.....\$14,655.55
 Aug. 4, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. W P Fuller & Co vs H O Nordwick, J C Nielsen and S J Bertelsen.....\$926
 Aug. 4, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Hogan Lumber Co vs J Thomsen and H O Nordwick.....\$370
 Aug. 5, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Marshall & Stearns Co, \$799; L D Frazee, \$1306 vs H O Nordwick, S J Bertelsen and J C Nielsen.....
 Aug. 5, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Chas W McCall vs H O and Bertha C Nordwick, J F Carlson, Arthur L Harris and Central Svgs Bank.....\$1928
 Aug. 5, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. John P Maxwell, \$447.49; Bird-Rymer Co, \$625 vs H O Nordwick.....
 Aug. 6, 1913—N LAKE 540 E Jackson E 60xN 150, Okd. Kimball Elec Co vs H O and Bertha C Nordwick, J C Nielsen, S J Bertelsen, J F Carlson, Arthur L Harris, and Central Savings Bank.....\$215
 Aug. 6, 1913—LOT 30 BLK "D" Map Toler Heights, Okd. G H Andrews vs John H Plattner.....\$27.50

SAN JOSE AND THE SANTA CLARA VALLEY.

Building Contracts.

SAN MATEO COUNTY.

COUNTY ROAD NEAR SECOND AVE., San Mateo. Marble work for St. Matthew's Red Cross Hospital.
 Owner.....St. Matthew's Red Cross Hospital.
 Architect...J. Lewis P. Hohart, Crocker Bldg., San Francisco.
 Contractor..American Marble & Mosaic Co., 25 Columbia Square, San Francisco.

Filed Aug. 2, '13. Dated July 23, '13.
 On 15th of each month..... 75%
 Usual 35 days.....Balance
TOTAL COST, \$7192
 Bond, \$3596. Surety, American Surety Co. of New York. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.

LOT 33 BLK NO. 47, Easton Addition to Burlingame No. 4. All work for one-story bungalow, shed and fence.
 Owner.....H. R. Hick.
 Architect...W. C. Barrick.
 Contractor..W. C. Barrick.

Filed July 30, '13. Dated July 10, '13.
 Walls up and sheathed.....\$900
 Roof on, sides shingled, etc..... 900
 Building accepted..... 900
 Usual 35 days..... 900
TOTAL COST, \$3600
 Bond, none. Limit, 90 days after filing. Forfeit, none. Plans and specifications filed.

LOT 15 BLK 5 Burlingame Park, San Mateo. Excavating, grading, concrete and brick work, lumber, carpenter and mill work, plastering, glazing, mill work, etc., for frame dwelling.
 Owner.....Marie D. Marye.
 Architect...Howard & White, Lick Bldg., San Francisco.
 Contractor..Cavanagh Bros.

Filed July 30, '13. Dated July 10, '13.
 Frame up.....\$4175
 Brown coat plaster on..... 4175
 Completed and accepted..... 4175
 Usual 35 days..... 4175
TOTAL COST, \$16,700
 Bond, \$8350. Surety, Royal Indemnity Co. Limit, 123 working days after recorded. Forfeit, none. Plans and specifications filed.

VALPARAISO AVE., Valparaiso Park Tract Ptn Lot No. 4, San Mateo. Structural steel and cast iron for south wing (exclusive of Mansard story) for Academy of the Sacred Heart.
 Owner.....Academy of the Sacred Heart of Menlo Park.
 Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
 Contractor..Judson Mfg. Co., 819 Folsom, San Francisco.

Filed July 30, '13. Dated July 26, '13.
 One 1st and 15th of each month
 75% of value of work done.....\$10,008
 Usual 35 days, 25%..... 3336
TOTAL COST, \$13,344
 Bond, \$6672. Surety, Pacific Coast Casualty Co. Limit, 90 working days after date. Forfeit, \$25 per day. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 June 25, 1913—LOT 9 BLK 38, Crocker Estate Tract. Arthur G Duncan to L L Allen.....June 25, 1913
 June 30, 1913—SW "B" AND THIRD AVE, San Mateo. Annie M Janssen to W S Leadley.....March 27, 1913
 July 9, 1913—LOT 23 BLK 3 Map No. 2 Burlingame Terrace, Burlingame. Nellie S Manley to F H Borling.....July 5, 1913
 July 14, 1913—LOT 27 BLK 48 Easton Addition to Burlingame No. 4, Burlingame. A H Bell and Harriet M Pew to W C Barrick.....July 12, 1913
 July 15, 1913—LOTS 23, 24, 25, 26 &

27 Blk "A," Fair Oaks Acres. J M Bowman to B F Richards.....July 7, '13
 July 16, 1913—SW BROADWAY AND Main, Redwood City Redwood City Hotel Co to Hoffman & Mensor.....June 10, 1913
 July 18, 1913—TOWN OF HILLSBOROUGH. J D Grant to Taylor & Goerlicke.....July 14, 1913
 July 22, 1913—THAT PART OF EST of Chas T Crocker known as Uplands, Hillsborough. Charles T Crocker to Ralston Iron Works.....July 16, 1913

July 22, 1913—BALDWIN AVE, bet El Camino Real and "B," San Mateo. San Mateo Union High School District to Caldwell & Wisnom.....June 24, 1913
 July 29, 1913—TOWN OF HILLSBOROUGH. J D Grant to Burnham Plumbing Co.....July 26, 1913
 July 30, 1913—UPLANDS. Charles Templeton Crocker to A B Rilovich.....July 25, 1913

Aug. 2, 1913—LOT NO. 12 BLK 29, Lyon & Hoag Sub to Burlingame. Ernest L Norberg to L P Norberg.....July 31, 1913
 Aug. 2, 1913—HILLSBOROUGH. J D Grant to Joseph Mu-to Sons-Keenan Co.....July 31, 1913
 Aug. 4, 1913—LOT 15 BLK 1 Sub No. 4, Burlingame Park. Mrs R E Wrenn to Thompson & Lindsay.....July 31, 1913

Aug. 7, 1913—ABOUT ONE MILE from Menlo Park. James L Flood to Harry B Morrey & Sons.....August 1, 1913

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
 July 18, 1913—LOT 56 BLK "C" Daly City. C H Mullen vs W C A and M Koehnke.....\$425

MARIN, CONTRA COSTA AND SONOMA COUNTIES

BRIDGE—Steel and concrete. Cost not stated. Black Point, Marin Co., Cal. Engineers, County Engineers of Marin and Sonoma Counties Owners, Marin and Sonoma Counties. The Marin County Board of Supervisors agreed to join with Sonoma County in the construction of a bridge across Petaluma River at Black Point, and have sent a committee to confer with the Sonoma Supervisors on the money to be set aside. This is the result of the visit made to San Rafael by the Sonoma Valley boosters. Further particulars will be given as the plans progress.

SCHOOL—1 and 2 story and base, reinforced concrete, \$70,000. Suisun. Solano Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Suisun City School District. Architect Smith has just been awarded this work in competition with a number of other local architects. The building will be designed for a High School containing, besides the usual class rooms, domestic science and manual training departments. Construction will be fireproof throughout. Plans will provide for a central heating system, vacuum cleaning and program clocks. Further details of the construction will be given as the plans

progress. Exterior of the building will be faced with cement plaster. Construction will depend upon the successful sale of the bonds.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BANK VAULT—Reinforced concrete. Cost not stated. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, First National Bank of Fresno. Plans are now being prepared for a reinforced concrete bank vault, two stories in height and covering an area of 22 feet square. The vaults will weigh 123 tons. Special doors and entrances will be provided. Full particulars can be secured from the architect. Plans will be complete within a week or ten days.

HALL OF RECORDS—1 story, base and mezzanine floor, reinforced concrete, \$50,000. Merced, Merced Co., Cal. Architect, H. C. Russell, Humboldt Bank Bldg., S. F. Owners, Merced County. Architect Russell has just been commissioned to prepare plans for this building which will be fireproof. The County Supervisors, acting in conjunction with the City Trustees, are developing a Civic Center, which now includes the County Court House, Library and will shortly contain the new Hall of Records. Besides a large public space the new building contains the County Recorder's office, work space and special vaults. Interior finish will be of pine and hardwoods. A tile floor will be used. Exterior of the building will be faced with cement plaster. Bids will be called for as soon as plans can be completed, which will probably be sometime during this month.

RESIDENCE — 2 story and base, frame, \$3,000. Oroiso, Tulare Co., Cal. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, Mrs. L. A. Leadbetter. The house will contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Sleeping porch is provided, connecting with one bed chamber. Exterior of the house will be covered with rustic. Plans are being prepared.

Contracts Awarded.

GAITAGE—1 story and base, reinforced concrete, \$40,000. Tulare, Tulare Co., Cal. Architect, L. F. Platt, Tulare. Owners, Bender and Moore. Contractors, A. W. Pace and G. L. Ferguson, Tulare. Contract price, \$40,000.

LODGE HALL—2 story and base, brick, \$20,000. Porterville, Tulare Co., Cal. Architect's name not given. Owners, Porterville Odd Fellows Hall Association. All bids received recently for the construction of this building have been rejected as above the amount available. Plans will be revised and new figures called. The building will be devoted exclusively to the use of the owners and will contain lodge rooms, social hall, smoking rooms and library on the first floor. Second floor will be designed for living apartments. Interior finish will be of pine and hardwood. There will be steam heat, vacuum cleaning sys-

tem and hot water system. Exterior of the building will be faced with pressed brick. The lowest bid received was from A. R. Laddlaw for \$28,787.

SCHOOL—1 story and base, brick, \$13,000. Porterville, Tulare Co., Cal. Architect, F. W. Griffin, Porterville. Owners, Strathmore School District. Contractors, George A. Noble & Sons, Visalia. Contract price, \$13,000.

Building Contracts.

FRESNO COUNTY.

REEDLEY JOINT SCHOOL DISTRICT.
Erection of brick school building.
Owner.....Reedley Joint School District, Reedley.

Architect...Swartz & Son, Fresno.
Contractor...L. J. Berg, Reedley.
Filed Aug. 1, '13. Dated July 21, '13
Completion of plastering and flooring.....\$128 35
Usual 35 days.....128 35
TOTAL COST, \$256 70
Bond, none. Limit, Sept. 5. Forfeit, none. Plans and specifications filed.

REEDLEY JOINT UNION HIGH SCHOOL DISTRICT Plastering and lathing new school building.
Owner.....Reedley Joint Union High School District, Reedley.

Architect...A. C. Swartz & Son, Fresno
Contractor...Jack Friezen, Fresno.
Filed Aug. 2, '13. Dated July 31, '13.
Upon completion.....75%
30 days after, remainder.....25%

TOTAL COST, \$460
Bond, none. Limit, 10 working days.
Forfeit, none. Plans and specifications filed.

LOTS 8, 9 AND 10 BLK 343, Fresno.
Removal of roof and construction of 2nd and 3rd story and new roof of dwelling.

Owner.....L. M. & C. D. Wentworth, Fresno

Architect...E. Mathewson, Fresno.
Contractor...A. Glunz, Fresno.
Filed Aug. 3, '13. Dated July 28, '13.
Completion of frame and roof.....\$1282
Brown plaster on.....1282
Completion of building.....1282
Usual 35 days.....1282

TOTAL COST, \$5129
Bond, \$2564 Sureties, The Aetna Accident & Liability Co. Limit, Sept. 30. Forfeit, none. Plans and specifications filed.

BETHEL SCHOOL DISTRICT, Fresno
County All work for addition to school building.

Owner.....Bethel School District, Fresno County.

Architect...None.
Contractor...W. H. Jones.

Filed Aug. 2, '13. Dated July 28, '13.
Foundations laid and frame up.....\$625
Plastering completed.....625
Doors and windows in.....625
Usual 35 days.....644
TOTAL COST, \$3519
Bond, limit, forfeit, none. Plans and specifications filed

LIENS FILED.

FRESNO COUNTY.

RECORDED AMOUNT
Aug. 5, 1913—LOT 3 BLK 67, Fresno
Victor J Cox vs J V Story, extr
.....\$48.20

Aug. 1, 1913—LOTS 36 AND 37 BLK 3, Hazelton Add'n, Fresno. Bloys' & Bales vs Mrs R M Cosgrove and A F Wakenfield.....\$77.50
Aug. 1, 1913—LOTS 7 AND 8 BLK 1 Allen & Binford Tract, Fresno. J W Murray and J R Perez vs J C McFarlane.....\$265

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
Aug. 5, 1913—REAR PART LOTS 31 and 32 BLK 136, Fresno City. Mrs E Frechon to B Leavy.....July 28, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—5 story and base. Class A construction. Cost not stated. Sacramento, Cal. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Dr. Faris. This work has been mentioned here a number of times before when plans were being prepared and first out for figures. Bids received were all in excess of the amount available and revised plans, eliminating one wing have been prepared. Construction will be fireproof throughout with reinforced concrete walls, floors and metal lath and plaster interior partitions. Interior finish will be of cedar, pine and hardwoods. Exterior of the building will be faced with pressed brick. Revised plans are now being figured.

BUNGALOW — 1 story and base, frame, \$3,500. Sacramento, Cal. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, Mrs. G. W. Cahalan. The house has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick or tile mantel. Bath room will have tile wainscot and tile will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared for the work.

RESIDENCES—1 and 2 story, frame. Cost not given. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: B. H. Hill, 3215 4th avenue, 1 story frame dwelling, \$1,500; J. H. Davis, 2829 21st St., 2 story frame dwelling, \$3,500; J. E. Layton, 4011 Piedmont avenue, 1 story frame dwelling, \$1,200; S. W. Davis, 3210 6th avenue, 1 story frame dwelling, \$1,800.

Contracts Awarded.

BRIDGE—Steel and concrete, \$83,962. Sacramento, Cal. Engineer, County Engineer, Sacramento. Owners, Sacramento County. Contractors, Ross Construction Co., Sacramento. Contract price, \$83,962.

Building Contracts.

SACRAMENTO COUNTY.

LOT 11 RIVIERA TRACT NO. 1, Sacramento. Erect dwelling.
Owner.....Porter C. Anderson, 2617 Stockton Ave., Sacramento.
Architect...None.

Contractor...W. Kennedy, 3300 Orange Ave., Sacramento.
COST, \$3100

NOS. 804-850-840 W AND K TRACT 22, Sacramento. Erect three dwellings.
Owner.....E. Ball, Ohio Ave., Sacramento.
Architect...None.
Day's work. COST, \$5300

S ¼ LOT 1 I, J, 30TH AND 31ST STS., Sacramento. Dwelling.
Owner.....W. H. McMorris, 3004 J St., Sacramento.
Architect...None.
Contractor...H. Goldman, 1726 18th St., Sacramento
COST, \$2750

NO. 431 K ST., Sacramento. Alter dwlg
Owner.....Geo. R. Needham 414 J St., Sacramento.
Architect...None.
Contractor...H. H. Muil, 1417 24th St., Sacramento.
COST, \$1500

LOT 33 WILLIAMSON TRACT, Sacramento. Erect dwelling.
Owner.....D. J. Jenkins, Elmhurst, Sacramento.
Architect...None.
Day's work. COST, \$2000

LOT 4 BLK 1 BOXLER TRACT, Sacramento. Dwelling.
Owner.....E. A. Pierce, 3525 Park Ave., Sacramento.
Architect...None.
Day's work. COST, \$2800

LOT 5 INGHAM TRACT, Sacramento. Erect building.
Owner.....P. F. Reed, 2613 28th St., Sacramento.
Architect...None.
Day's work. COST, \$2000

LOT 11, ALLEN TRACT, Sacramento. Erect dwelling.
Owner.....B. H. Bill, 3215 4th Ave., Sacramento.
Architect...None.
Day's work. COST, \$1500

E ¼ LOTS 1 AND 2 BLK 54, Oak Park, Sacramento. Erect fire house.
Owner.....City of Sacramento.
Architect...None.
Contractor...Wm. C. Keating, 327 Forum Bldg., Sacramento.
COST, \$6150

LOTS 142 AND 143 Boulevard Park, Sacramento. Erect sleeping porch to dwelling.
Owner.....Wm. F. Geary, 2101 G St., Sacramento.
Architect...None.
Contractor...M. McKenzie.
COST, \$400

N 20 FT. LOT 8, K, L, 2ND & 3RD STS., Sacramento. Alter building.
Owner.....Max Markowitz, 1121 2nd, Sacramento.
Architect...None.
Contractor...C. Vanina, 2022 M St. Sacramento.
COST, \$3300

W 30 FT. LOT 3 BLK 57, Oak Park, Sacramento. Dwelling.
Owner.....F. Spittulari, 2902 Cypress Ave., Sacramento.
Architect...None.

Contractor...A. Miller, 205 3rd Ave., Sacramento.
COST, \$1350

LOT 67 Howell Clark Tract, Sacramento. Dwelling.
Owner.....Morrill & Clark Constr. Co., 715 23rd, Sacramento.
Architect...None.
Day's work. COST, \$3500

LOT 32 Sub of Lot 2809 Sacramento Heights, Sacramento. One-story frame bungalow.
Owner.....C. A. Carlson, 1208 K St., Sacramento.
Architect...None.
Contractor...Henry A. W. Lindgren, 3740 Magnolia, Sacramento
Filed July 31, '13. Dated July 31, '13.
COST, \$2100

PTN LOT 39 South Sacramento, Sacramento. Dwelling.
Owner.....W. T. Foster, 3706 Orange Ave., Sacramento.
Architect...None.
Contractor...H. Buck, 3100 Walnut Ave. San Francisco.
COST, \$1000

LOT 18 BONITA TERRACE, Sacramento. Dwelling.
Owner.....J. R. Davis, 2829 21st, Sacramento.
Architect...None.
Day's work. COST, \$3500

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Aug. 2, 1913—LOT 703 Wright & Kimbrough Sub No. 20, Sacramento. W R Gaylord & Electa E (wf) to J W Sturdivant.....Dec. 21, 1912

LIENS RELEASED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Aug. 1, 1913—S 40 FT. LOT 1 and W 20 ft. S 40 of Lot 2, X, Y, 10th and 11th Sts. Sacramento. W B Scollas, adm Est Thas F Scollas, dec'd to Otto Hardee.....\$25

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 8 BLK 11 W, Stockton. Add to frame building.
Owner.....Morris & Sherman.
Architect...None.
Day's work. COST, \$400

LOTS 1, 3, 5 AND 13 BLK 96 E, Stockton. Additions.
Owner.....Wagner Leather Co.,— N Eldorado St., Stockton.
Architect...None.
Day's work. COST, \$500

LOT 4 BLK 5 W, Stockton. Repair frame building.
Owner.....L. Lagoria, California and North Sts., Stockton.
Architect...None.
Day's work. COST, \$800

LOT 6 BLK 5 W, Stockton. Frame building.

Owner.....L. Lagoria, California and North Sts., Stockton.
Architect...None.
Day's work. COST, \$1900

LOT 4 BLK 79 S M C, Stockton. Frame building.
Owner.....Wm. T. Weber, 1032 S Aurora St., Stockton.
Architect...None.
Day's work. COST, \$1500

LOT 15 BLK 4 THE OAKS, Stockton. Frame building.
Owner.....D. Burgess, 1643 S-San Joaquin St., Stockton.
Architect...None.
Day's work. COST, \$1500

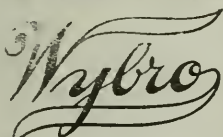
LOTS 9 AND 11 BLK 11 S M C, Stockton. Frame building.
Owner.....Volunteers of America.
Architect...None.
Day's work. COST, \$2000

LOS ANGELES AND SOUTHERN CALIFORNIA.

HOTEL—12 story and base. Class A construction, \$350,000. Los Angeles, Cal. Architect, R. T. Laughlin, Lissner Bldg., L. A. Owner, E. F. Hammel. This building is to be erected on West-lake avenue, covering an area of 84x120 feet. Construction will be fire-proof throughout, the building having a complete steel frame, terra cotta exterior walls, faced with pressed brick, terra cotta and cut stone. Plans provide for hollow tile interior partitions and floors. There will be a total of 220 guest rooms. Each floor will have ten baths. Interior finish will be of metal, marble, tile, pine and hardwoods. There will be two elevators, steam heat, complete oil burning equipment, vacuum cleaning and hot water systems. Top floor will be arranged for a ball room. Offices, lobby and parlors will occupy the first floor. Plans are being prepared.

HOTEL—4 story and base, brick and steel, \$60,000. Los Angeles, Cal. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, H. N. Carpenter. Plans show a building designed in the shape of a letter L, with extreme dimensions of 100x125 feet. There will be a total of 125 guest rooms and 36 public and private bath rooms. First floor will contain the offices, lobby and stores. Interior finish will be of pine, birch and white enamel. Plans provide for steam heat, elevator service and hot and cold running water. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and artificial stone trimming. Work will be carried on by the Maine Building and Investment Co. Plans are now being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner, Roy Blumenthal. The building will be erected at the corner of 3rd and Figueroa streets, covering an area of 50x70 feet. There will be two stores besides the hotel entrance and lobby on the first floor. Upper floors will be arranged for a total of 45 guest rooms and several baths. Interior finish will be of pine and redwood. There will be steam heat, elevator service and hot and cold



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water system. Stores will have patent front. Metal window sash and frames will be specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, L. W. Hellman Bldg., L. A. Owner, Robert A. Fowler. The building will be erected at the southeast corner of Pico and Hill streets and will cover an area of 56x150 feet. There will be six stores on the first floor and entrance to the hotel above. Upper floors will be arranged for a hotel lobby, office and 55 guest room with 20 baths. Interior will be finished in pine and birch. There will be steam heat, hot and cold running water and elevator service. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Mayberry & Parker, Consolidated Realty Bldg., L. A. Owners, Consolidated Realty Co. The building will be erected at the southwest corner of 14th and Hill streets, and has been arranged for stores on the first floor and hotel rooms above. The structure will cover an area of 60x104 feet. Plans provide for three stores, hotel dining room, office and lobby on the first floor and 50 guest rooms and a number of baths on the upper floors. Interior will be finished in pine throughout. Bath rooms will have cement floors and tile wainscot. There will be steam heat and hot and cold running water. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—1 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Dennis and H. H. Hewitt, Ray Bldg., L. A. Owners, Methodist Episcopal Church of Glendora. The building will be erected at the northwest corner of 2nd and Hope streets. There will be five stores and a moving picture theatre on the first floor and a total of 93 rooms and 12 bath rooms on the upper floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot and cold running water. Interior finish will be largely of pine. Bath room will have cork-plank floors and tile wainscot. Exterior of the building will be faced with cement plaster. Metal window sash and frames are specified. Plans are complete and figures will be called for shortly.

STORES AND OFFICES—4 story and

base, brick and steel, \$75,000. Santa Ana, Orange Co., Cal. Architects, Metcalf & Davies, 43 American avenue, Long Beach. Owner, W. H. Spurgeon. The building will be erected on a corner site, covering an area of 100x135 feet. There will be five stores besides the entrance on the first floor. Upper floors will be subdivided into a total of 100 offices. Interior will be finished in pine and hardwood with marble and tile wainscot and tile floors in the hall and lobby. There will be steam heat, elevator service and a vacuum cleaning system. Metal window sash and frames are specified. The exterior of the building will be faced with pressed brick and terra cotta. Patent front doors will be installed. Plans are complete and now out for figures.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, Mrs. George J. Ley. The building will be erected on a corner site and will cover an area of 60x115 feet. Plans show 106 rooms arranged in suites of two and three rooms with private baths. Interior finish will be of pine with some hardwood floors and veneer. All suites will be equipped with wall beds. There will be steam heat, an automatic elevator, vacuum cleaning system and hot water system. Marble and tile will be used in the entrance vestibule. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

CHURCH—2 story and base, reinforced concrete, \$25,000. Glendora, Los Angeles Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Methodist Episcopal Church of Glendora. The building has been designed in the Gothic style and will cover an area of 75x100 feet. Plans provide for a main auditorium seating 500 people, with an adjoining lecture hall seating 200 people. The two rooms may be thrown together by means of sliding doors. Besides these features there will be 23 class rooms, two department lecture halls, social hall and pastor's study. Interior finish will be of pine throughout. A plenum system of heating and ventilation will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

FREIGHT SHED—1 story, reinforced concrete. Cost not stated. Los Angeles, Cal. Engineer, Engineering Department San Pedro, Los Angeles

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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615 Phelan Building, San Francisco

and Salt Lake R. R. Co. Owners, San Pedro, Los Angeles and Salt Lake R. R. Co. Engineer C. F. Miller is preparing plans for a freight shed covering an area of 60x150 feet, which will be erected at the corner of First and Myers streets. The building will be fireproof. Plans will be ready for figures within two weeks. Exterior will be faced with cement plaster.

FINE ARTS BUILDING, LOS ANGELES STATE NORMAL GROUP—2 story and base, brick and frame. Cost not stated. Los Angeles, Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Plans are being completed for a building 51x131 feet, which will complete the group of buildings now under construction for the Los Angeles State Normal School at the corner of Vermont and Willowbrook avenues, Los Angeles. The building will be of frame construction, faced with tapestry brick veneer, and will have a tile roof. Bids will be called for shortly by the State Department of Engineering.

Contracts Awarded.

RESIDENCE—2 story and base, concrete and frame, \$25,000. Los Angeles, Cal. Architect, Frank L. Molino, 6631 Hollywood Boulevard, L. A. Owner, John Schell. Contractor, Frank L. Molino, 6631 Hollywood Boulevard, L. A. Contract price, \$25,000.

APARTMENT HOUSE—2 story and base, brick, \$16,700. Los Angeles, Cal. Architect, Charles F. Helmle, Lissner Bldg., L. A. Owner, J. A. Kerchgraber. Contractors, Monarch Investment Co., Security Bldg., L. A. Contract price, \$16,700.

CHURCH—1 story and base, brick and frame, \$19,000. Colton, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Jewel Methodist Church of Colton. Contractors, Campbell & Ward, Colton. Contract price, \$18,000.

HOSPITAL—2 story and base, reinforced concrete, \$15,000. Santa Ana, Orange Co., Cal. Architect, Fred H. Eley, Hervey-Pinley Bldg., Santa Ana. Owners, Orange County. Contractor, general construction, A. E. Bird, 1055 West 4th street, Santa Ana, \$37,718; heating and ventilating, Machinery and Electric Co., L. A., \$1,137.

STORE AND OFFICES—2 story and base, reinforced concrete, \$36,000. Riverside, Riverside Co., Cal. Architects, Kysor & Haggard, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. Contractor, Cresmer Manufacturing Co., 196 West 8th St., Riverside. Contract price, \$36,000.

STORES—1 story and base, brick and steel, \$26,000. Los Angeles, Cal. Ar-

chitects, Morgan, Walls & Morgan, Van Nys Bldg., L. A. Owner, Mrs. S. H. Van Nys. Contractors, Alta Planning Mill Co., 820 Garry St., L. A. Contract price, \$26,000.

PORTLAND AND OREGON.

WAREHOUSE—2 story and base, brick and steel, \$30,000. Portland, Ore. Architect, Aaron Gould, Worcester Bldg., Portland. Owners, National Ice Co. The building will be erected at the corner of East First and Stark streets, and has been designed for a cold storage plant. No interior finish has been specified. There will be special machinery and equipment. A large freight elevator will be installed. Specifications provide for metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STABLES AND SHOP—2 story and base, reinforced concrete, \$60,000. Albina, Ore. Architects, Emil Schacht & Sons, Portland. Owners, Star Sand Co. The building will cover a ground area of 100x150 feet, and will be absolutely fireproof. Basement will be used for wagon storage, first floor for stables and a blacksmith's shop, and the second floor for a wagon shop and storage space. Metal window sash are specified. There will be concrete floors and fireproof roof. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

Contracts Awarded.

MUNICIPAL DOCK NO. 1—Timber and concrete construction, \$200,000. Portland, Ore. Engineers, Portland Harbor Commission. Owners, City of Portland. Contractors, Lewis A. Hicks Co., Rialto Bldg., S. F. Contract price, \$210,000.

SEATTLE AND WASHINGTON.

PASSENGER STATION—1 story and base. Class A construction, \$500,000. Spokane, Wash. Architects, Architectural Department of W. Ry. and N. Co., Spokane. Owners, Oregon-Washington Railroad and Navigation Co. This work was mentioned in the columns when plans were first prepared. The building will be of fireproof construction and will cover an area of 152x300 feet. Only the central part will be four stories high. Exterior of the building will be faced with pressed brick, cut stone and terra cotta. Plans and specifications can be secured from J. R. Holman, care of the owners at Spokane. Bids are now being taken and will be opened on August 20th.

MAUSOLEUM—1 story, reinforced concrete, \$25,000. Snohomish, Wash. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, Northwest Mausoleum Co. The building will be similar in construction to a number of other mausoleums built by the same company. There will be 24 receptacles. Exterior of the building will be faced with cement plaster and cut stone. Plans will be completed shortly and figures will be called.

LIBRARY—2 story and base, reinforced concrete, \$20,000. Bremerton, Wash. Architect, H. H. Ginnold, Eppler Bldg., Seattle. Owners, City of Bremerton. The architect has just been commissioned to prepare these plans and details of construction cannot be

given at this time. The building committee have decided to erect a fireproof building. The structure is a gift of the Carnegie Library Association. Complete details will be given in these columns shortly.

OAKLAND BUILDING SUMMARY.

For the Month of July, 1913.

Compiled by Max Mantel.

Classification of Bldgs.	No. of Permits Issued	Cost
1-story dwellings....	70	\$120,355.00
1-st dwlg with stores..	1	2,125.00
1-story dwellings.....	16	74,804.75
2-st dwlg with stores..	1	2,600.00
1½-story dwellings....	11	24,510.00
2-story flats.....	3	14,060.00
2-st flats with stores..	1	16,000.00
3-story apartments....	2	29,000.00
6-story brick apartments with stores..	1	70,000.00
Erick theatre with frame stores.....	1	13,000.00
2-story 4-room school..	1	5,000.00
1-story brick stores... 2	2	13,190.00
1-story frame stores... 3	3	6,320.00
1-story office buildings	4	8,077.00
Boat house	1	28,286.00
2-story brick laundry..	1	9,553.00
1-story cleaning wks..	1	800.00
Green house	1	40.00
Plumbing, metal work, etc., for store and office building	1	25,597.00
Concrete foundations..	2	185.00
Work shops, tank frames and barns...	8	1,325.00
Garages, sheds and stables	14	2,122.00
Alterations, additions and repairs.....	136	192,236.50

Total 282 \$666,588.25
TOTAL NUMBER OF PERMITS AND TOTAL COST.

	No. of Permits	Cost
New construction.....	146	\$468,331.75
Alterations, additions and repairs.....	136	192,236.50
Total	282	\$660,568.25

TO INCREASE GOVERNMENT PROJECT.

ORLAND (Glenn Co.), August 4.—The Department of the Interior at Washington in a recent communication sent to F. S. Reager, Secretary of the Water Users' Association of the Orland Unit, requested him to take steps to see whether the capital stock of the As. Association could not be increased.

A meeting of the Directors and stockholder has been called for October 7th, when the advisability of increasing the present capital stock of \$750,000 to \$1,050,000 will be decided.

This would provide for an increase of the shares from 15,000 to 21,000, and would mean an extension of the irrigated area from 14,000 acres to 20,000 acres.

TIMBER LAND IN SISKIYOU OPENED.

The Secretary of Agriculture has just notified District Forester Dufalos of the approval of the sale of 2,000,000,000 feet of National Forest timber

from the Klamath National Forest in Siskiyou County. The area involved lies north of the Klamath River, between Hornbrook and Happy Camp. The sale of this timber depends upon the construction of seventy-two miles of railroad to tap the main line of the Southern Pacific at Hornbrook, and the timber will not be sold until transportation is assured.

The area has been divided for sale purposes into three units, no two of which will be sold to the same operator. The upper unit contains 295,000,000 feet, made up of 36 per cent Douglas fir (Oregon pine), 22 per cent yellow pine, 22 per cent sugar pine, 13 per cent white fir, and the rest red fir and cedar. The middle unit contains 388,000,000 feet, made up of 65 per cent Douglas fir, 19 per cent sugar pine, 11 per cent yellow pine, and the remainder white fir and incense cedar. The lower unit contains 1,000,000,000 feet, made up of 68 per cent Douglas fir, 21 per cent sugar pine, 4 per cent yellow pine, and the remainder white and red fir, incense and Port Orford cedars. The stumpage rate in the upper unit is \$3.75 per thousand for sugar pine, \$2.75 per thousand for yellow pine, \$1.25 per thousand for Douglas fir, and 75c per thousand for other species. In the middle and lower unit the stumpage rate is \$2 per thousand for sugar pine, \$1 per thousand for yellow pine, and 50c per thousand for other species. Periods of from twenty to twenty-five years will be allowed for the removal of the timber in each unit.

In addition to the timber on National Forest lands in this area, there is considerable private stumpage which would make additional freight for a railroad, as well as large copper deposits in the vicinity of Happy Camp. The showing of freight that this locality can make should justify the construction of the necessary transportation, and it is expected that capital will become interested in this proposition.

Plans for a railway into this region, outlined in the past, have been for a line from Eureka, Humboldt County, to connect with the Southern Pacific, forming a link between the rich district, which in the past has been comparatively isolated, and the Sacramento Valley, also Jackson and Klamath Counties, Oregon.

TO BEAUTIFY THE PANAMA CANAL.

There is happily a growing tendency to seek the collaboration of the architect and the artist in giving such beauty to engineering works as the condition will allow. This is particularly true in regard to the dams and reservoirs of waterways and work for water supply, and excellent results have been obtained in the treatment of certain of the great dams, such, for instance, as that for the supply of New York at Croton and of Boston at Wachusett. In this connection we are pleased to learn that the Fine Arts Commission has submitted to Congress plans for the beautification of the Panama Canal, in which are embodied landscape effect designed to render artistic the lock, and the approaches to the canal.—Scientific American.

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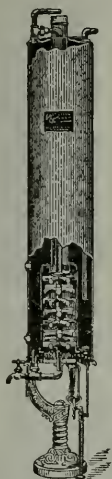
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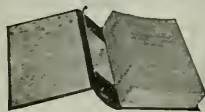


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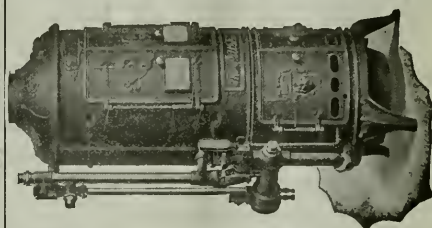
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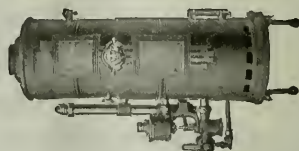
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Proposed Canfield Home For Girls Near
Whittier, California. Designed by Archi-
tects J. Martyn Haenke and W. J. Dodd,
Architects, Los Angeles.

Residence For Burton E. Green, Esq. To
Be Erected In Beverly Hills near Los An-
geles. Designed by J. Martyn Haenke,
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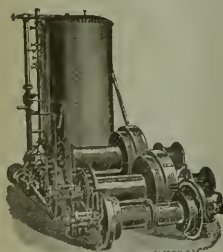
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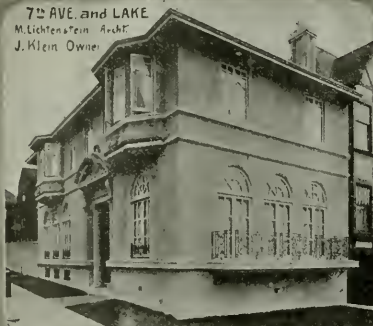
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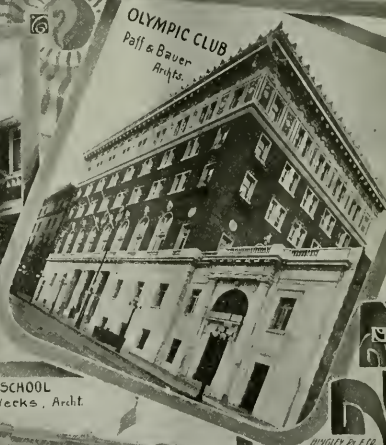
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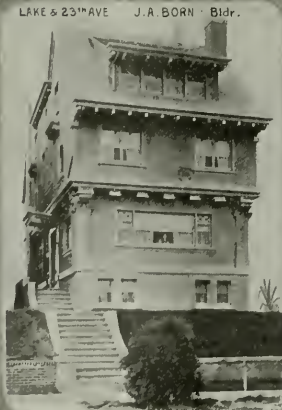
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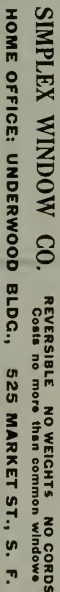
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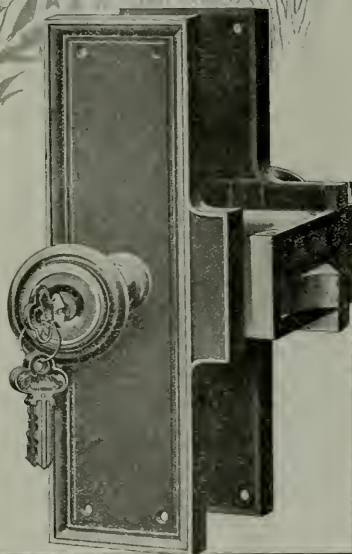
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Editorial Comment.

The International Joint Commission has before it the consideration of a proposed lease in which the Michigan-Lake Superior Power Company and the United States are the contracting parties. The power company desires to divert, for power development purposes, a flow of water from the St. Mary's River, to the extent of 25,000 to 30,000 cubic feet per second, and proposes to construct compensating works opposite Sault Ste. Marie, Mich. Under the new conservation policy adopted by the United States, the government proposes to lease the water for power with a view to ultimately owning the development works constructed by the company. In the lease at present under consideration the latter offer to pay a yearly rate of \$2.50 per cubic foot per second up to a flow of 25,000 cubic feet, in excess of which \$1 per cubic foot per second is the charge it offers to meet. The question being of boundary water, and therefore finding of the International Joint Commission will govern the situation, and its report will be awaited with interest.

Building conditions for the month of July throughout the country show about the same relative situation that was exhibited during the month of June. Reports from about sixty different cities throughout the country, made to the American Contractor, Chicago, show a loss of about 15 per cent as compared with the same month last year. The weather in the central west has been generally hot and dry and there is a shortage of crops in the agricultural districts. The prospectus legislation in regard to the tariff has tended to curtail huying in commercial circles and as a result there is a stagnation of business. This is necessarily reflected in the money market and as a result it is felt in building conditions as well as anywhere else. Particulars are found in the following tabulated report:

	July, 1913.	July, 1912.
City		
Akron	\$ 707,265	\$ 664,130
Albany	315,770	191,241
Atlanta	434,943	1,039,551
Baltimore	394,089	781,909
Bridgeport	193,027	.....
Cedar Rapids	319,000	315,450
Chicago	6,035,000	10,265,800
Cincinnati	582,430	971,214
Cleveland	2,716,360	1,823,201
Columbus	421,945	423,583
Dallas	806,250	347,700
Denver .....	.....	454,020
Des Moines	731,164	458,650
Detroit	2,616,155	2,038,255
Duluth	236,412	481,015
Evansville	122,990	85,312

Grand Rapids ..	242,782	204,998
Harrisburg	409,055	161,625
Hartford	970,055	675,550
Indianapolis	1,120,566	1,280,512
Kansas City	857,475	884,396
Los Angeles	3,324,214	3,585,014
Manchester	162,035	194,248
Memphis	304,266	680,629
Milwaukee	7,817,077	3,021,476
Minneapolis	1,054,970	879,965
Nashville	56,055	138,707
New Haven	364,456	334,305
New Orleans	563,500	770,296

Manhattan	9,155,641	7,149,339
Brooklyn	2,856,035	3,962,534
Bronx	1,309,139	3,591,495

New York	13,351,816	14,703,368
Oakland	660,588	1,010,444
Omaha	392,525	569,329
Paterson	253,590	212,610
Peoria	199,375	244,690
Philadelphia	3,480,700	3,456,800
Pittsburg	777,128	1,186,745
Richmond	147,435	1,334,096
Rochester	511,733	931,166
St. Joseph	57,409	92,373
St. Louis	1,045,730	1,724,665
Salt Lake City	149,740	420,185
San Antonio	244,965	215,695
San Francisco	3,745,025	2,452,725
Seranton	133,510	124,627
Seattle	1,414,620	645,325
Shreveport	158,361	119,569
Sioux City	175,000	204,490
South Bend	57,820	213,798
Springfield	81,075	275,175
Syracuse	341,275	349,775
Tacoma	529,599	144,194
Toledo	671,605	637,980
Topeka	115,177	78,582
Troy	167,840	56,215
Washington	633,723	879,941
Wilkes-Barre	633,449	216,603
Worcester	385,999	652,192

Total\$38,557,400 \$56,245,719

The fluctuations in temperature produce quite a bit of discomfort. But, after all, the earth is a fairly stable institution in the matter of heat—fortunately for the human race. A few miles above the surface it is too cold for life to exist, and a few miles below the surface it is too hot. On the surface, however, the temperatures show a comparatively moderate variation.

In the United States the greatest range of temperature is along the northern boundary, where the mercury sometimes goes to 55 degrees below zero in the winter and to 108 above in the summer—a difference of 163 degrees. The hottest recorded temperature in the United States is 128 degrees at Mammoth Tank, in the Colorado Desert, in July, 1887. India and the Desert of Sahara have records above 130, while Siberia has reported a temperature of 90 below zero.

These are really moderate ranges, and the human body is able to accommodate itself to them without serious difficulty.

The Master Builder—Past, Present and Future.

By P. MacKissock in Western Canada Contractor.

The Greek word "architecton," from which is derived the modern term "architect," means—A Master Builder. The definition given in the Encyclopedia Britannica of the term of "architecture" is: "The art of building in such a way as to accord with principles determined not merely by the ends the edifice is intended to serve, but by high considerations of beauty and harmony." In the past the master builder designed and carried out his work. In the present, designing is the work of the architectural profession, which has fallen heir to all the higher branches of the master builder's art, the master builder still retaining, by courtesy, the original title.

To help us to understand in some degree the master builder of the past, permit me to emulate the witch of Endor, and call up for our survey, and use, one or two of the spirits of the mighty dead.

From the far distant past I could call upon one who reigned over Babylon some 4,100 years ago. His name was Hammurabi, and his record and code of laws were first made known to us by archaeological research and translation some ten years since. The record of his history and life's work, and his detailed code of laws, prove him to have been a successful warrior, a profound statesman, and a very great builder.

In the words of the record, "He built temples, constructed canals, fortified cities, and made statues of the god, with great diligence."

He designed the work and he carried it out.

He also took care that the work of other builders should be properly carried out, and he devoted a section of his code to this purpose. Let me quote a part:

"If a builder built a house for a man and did not make its construction firm, and if the house which he has built collapse, and cause the death of the owner of that house, that builder shall be put to death."

Hammurabi being, as I have said, a master-builder, a profession which, I have no doubt, he found much more attractive than that of being a mere king and his experiences of the administration of law, and of those who live in that strange and noisy luxury. An incident, with many parallels to itself since, is recorded as follows:

"Summam-la-illa hath reported unto me saying: 'Bribery hath taken place in the town of the metal workers, and the men who took the bribe, and the witnesses who hath knowledge of these matters, are here. Now, when thou shalt be old this tablet, thou shalt set a seal upon the money and cause it to be brought unto me—and the offenders shall I then send into me.'"

Hammurabi evidently thought that if any bribes were going in the form of gold and cash, he being a master builder, could quite easily see the money. Suggestive says a writer in the Athenaeum on this subject, of the ways of

legal officials generally, and of those in particular who "returned to the litigant, on the royal order, the 400 ounces of gold they had fined him, only they retained 398 for legal expenses and the servants still expected fees."

As a master builder, one may be permitted to envy Hammurabi his fine opportunities for independent conception and execution, and to conclude that the work he did, of lasting benefit to his age and country, was only rendered possible by the fact that as a master builder of the distant past he had a tolerably free hand.

Let us next briefly notice another great master builder, this time of the not-so-distant past. We move forward some 3,500 years, recalling as we hurriedly pass something of what has been done by master builders in that time, and are arrested by the mighty figure of Michael Angelo Buonarroti. His period was from 1475 to 1564 of the present era, and he was, and is, pre-eminent as a painter, sculptor and master builder, and he was no mean poet. After duly serving his apprenticeship in the workshop of Domenico Ghirlandio, he studied in the school of sculpture at Florence, which enjoyed the illustrious and cultured patronage of Lorenzo de Medici. His mental development was also greatly affected by his coming under the influence of Savonarola. After fame had come to him, he spent a winter at the quarries at Carrara, superintending the getting out and shipment of the marble for his work in Rome. He was working for Pope Julius at that time, and when he approached him for progress estimates His Holiness threatened him with death.

Michael Angelo's greatest work as a master builder was, of course, the designing and carrying out of the main features of St. Peter's at Rome, whose dome is one of the noblest monuments. Then follow the reconstruction of St. Mary's Church from the old Roman Baths of Diocletian, the 100-columned cloister of the Museum delle Terme, and many others. It was ordained that painting should become his best gift, but he himself said "paint is not my business." Popes, cardinals and magnificos used him and exploited his genius, and beat him down in his price, and kept him out of his balances with almost modern callousness. "His history," says a writer in the Encyclopedia Britannica, "is one of indomitable will and almost superhuman energy, yet of will that hardly ever had its way, and of energy continually at war with circumstances."

The most salient feature about these two extreme types I have glanced at so briefly and superficially is their breadth of culture, their freedom from the modern error of over-specialization. I might have cited others innumerable, of all nations, filling the 3,500 years gap referred to, amongst whom the churchmen of the Middle Ages would merit honorable mention, or, nearly all of them bearing out more or less my contention that the

great master builders of the past attained their still unsurpassed excellence because their breadth of culture made them capable of great conception allied with great power of execution.

From these by-gone days, of which I have given only the merest hint, I pass to the master builder of the present. I have given you my idea, somewhat fanciful, perhaps, but ethically, in my opinion, wholly correct, of the evolution through specialization, and he is now, not in theory only, but also in practice, very largely subservient to the architect. And this phenomenon is worth consideration. No more than our present competitive industrial system is pre-ordained. It is merely that we have taken a wrong turning, have gone up a blind alley, and are not yet in quite bad enough case to rectify our error. What horrible waste of time do we all suffer as a consequence! It would be interesting to know how much time has been lost by the men represented by this body in the resultless figuring of plans, and the unprofitable reading of specifications.

That a man should be an expert in his work no one will attempt to deny, but between such expertness and over-specialization there is a vital difference. Let me illustrate in the simplest way. Some time ago a middle-aged workman came to me looking for work. He was a new arrival from Britain, and he had that repressed and detached look in his face which one may see in the faces of recently released convicts after a long term of penal servitude. I asked him where he had worked, and what he had worked at. He replied that he had been with the Fairfield Shipbuilding and Engineering Co., on the Clyde, for the last eighteen years, and that all that time he was a "hole-borer," and "hole-borer" only. Imagine it! One of us "a little lower than the angels" engaged for eighteen years in creating vacancy through steel plates, and vacancy in his own poor mind. He was beautifully specialized! Might I venture to suggest over-specialized?

I need not elaborate the point any further. Present conditions are well known to all of us, and their continual scramble quite prevents any possibility of the master builder of the present attaining, under such conditions, to the dignity which once was his. That happiness is reserved, I am absolutely satisfied, for the master builder of the future.

Already the movement in the right direction has begun, and that movement is towards the payment of net cost by the owner, plus an assured commission for his work to the master builder. In the future, when this method is common, the antagonism between architect and builder will cease for lack of reason for its continuing. The architect and builder, if not one in person, ought certainly to be one in their united efforts to attain the best possible results for the owner. The advantages are self-evident, and the principal is acknowl-

edged by the highest bodies in the civilized world.

These bodies are the world's governments, and what are their largest operations in building at the present moment. Dreadnoughts, of course. And how do they build them? As the Clyde in Scotland, alone produced in 1912 as much shipping at the whole of Germany, and considerably more than the whole of the United States of America, I may perhaps be pardoned for confining the rest of my illustration to that effete land known as the United Kingdom. Dreadnoughts have to be built so that they can be depended upon, and they have to be built on time. The British Admiralty knows the condition and capacity of every shipbuilding yard, which can handle Dreadnoughts, in the United Kingdom, and orders are placed in these yards to suit their capacity. The terms are on the basis of net cost, plus commission to the builders.

The country must have Dreadnoughts, and it has been realized that the country has a right to pay for all that it gets, and that the builder must be assured of his margin of commission. Why is this? That the work may be done as efficiently and as economically as possible, and that the builder, assured of his wages, may be able to devote himself and his organization wholly to that combination of results.

Briefly, the foregoing is the result of proper organization of that portion of society represented by the Admiralty on the one hand, and the shipbuilders on the other. Our master builder of the future will have the advantage over us of living and working when organization is more general. In his day it will be wholly conceded that building for the land is equally worthy of national organization as is building for the sea, and that buildings for conserving, educating and expanding life are, after all, more desirable and more important than levathans of destruction. But that time is not yet. For us the most hopeful sign of those times is the increasing tendency towards building upon the cost-plus-a-fixed-sum basis. The architect and builder will realize their independence, and that true union is true strength. The new conditions will call for increased efficiency on the part of the master builder, no doubt, and much more breadth of outlook, as they will bring the architect into closer touch with actualities. The master builder of the future will be freed from the degrading, but very natural tendency, to squeeze a bit more out of it than he is entitled to. He will devote himself more and more to increasing his own knowledge of his business in all its scope and all its degrees, in perfecting his organization, plant and methods. Modern architects of the inefficient type will be eliminated, and the remaining 25 per cent will be recognized and honored as the master builders they truly are.

Over-specialization will correct itself, and design will not be mislivered by a close corporation only. What can be done by builders' exchanges to bring nearer that condition of things under which the master builder of the future will exist? I would answer, organization built upon fellowship. Break down the barriers, obliterate the frontiers, get to know what solid-

ity really means, and fellowship will follow. If every builders' exchange in Canada were possessed of a good social club, with all the requirements of the best class, the business of the master builder would be revolutionized in a generation. The master builder of the future will have such a club, and it will be to him both a solace and an inspiration.

I should further add that we master builders should be honored to think that we are working in harmonious

conjunction with the Grand Architect of the Universe, for the coming of that time when, as a great poet has nobly said:

"The war drum throbbed no longer,
And the battle-flags were furled,
In the Parliament of Man, the

Federation of the world."

Or, as another poet has more nobly said, when

"Man to man the world o'er
Shall brithers be for a' that."

Firms dealing news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$30,000. Architects, Ross & Burghen, 310 California St., S. F. Owner, S. Zusman. The building will be erected on the north side of Post street west of Larkin, covering an area of 24 feet 3 inches by 120 feet. Suites will consist of two and three rooms with private bath and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, automatic elevator, a vacuum cleaning system and hot water plant. Bath rooms will have composition floors and tile wainscot. Entrance of the building will be finished in marble and tile. Exterior will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$24,000. Architect, none. Owners, McKillop Bros., 540 Cole St., S. F. The building will be erected on the west side of Taylor street north of Clay and will cover a ground area of 30x150 feet. There will be in the neighborhood of 20 suites of two and three rooms. Interior finish will be of pine, elm panels and some hardwood floors. All suites will be equipped with wall beds and will have private bath rooms. Plans provide for steam heat, vacuum cleaning system and hot and cold running water. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with rustic and brick veneer. Plans are in the hands of the owners and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, F. Mertens. The building will contain in the neighborhood of 12 suites arranged in two and three rooms, and is to be erected on the south side of Fulton street east of Gough. Interior finish will be of pine with some elm panels. All suites will have private bath rooms and will be equipped with wall beds. Bath rooms will have composition floors and tile wainscot. Plans provide for a central heating system. Entrance vestibule will be finished in marble. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and have been out for figures. Contracts will be awarded this week.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete.

Cost not stated. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owners, Talbot Estate. This building will be erected on the north side of Mission street west of Seventh, covering an area of 31 feet 4 inches by 165 feet. Plans show a large store on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of pine throughout. There will be steam heat. All suites will have private baths and wall beds. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on upper Sacramento street, and has been designed to contain nine suites of three rooms and bath. Interior finish will be of pine with elm panels and some hardwood floors. There will be steam heat and an automatic elevator. Bath rooms will have cement floors and tile wainscot. Hot and cold running water will be supplied to all rooms. Suites will be equipped with wall beds. Marble and tile will be used in the entrance vestibule. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. A. Dorland. The building is to be erected on the west side of Valencia street north of 17th street and will cover an area of 60x78 feet. Plans show a total of 14 suites, arranged in two and three rooms with private baths and wall beds. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be steam heat and elevator service. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be covered with rustic, shiplap and brick veneer. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$35,000. Architect, none. Owner, D. Curtin, 404 24th St., S. F. The building has been designed to contain twelve large suites and will be erected at the northeast corner of Castro and 24th streets, covering an area of 26x80 feet. Interior finish will be largely of pine with some redwood and elm used. Plans provide for steam heat, automatic elevator, a

vacuum cleaning plant and hot and cold water system. All suites will have wall beds and private bath rooms. Bath room: will be finished with composition floors and tile wainscot. Exterior of the building will be covered with shiplap and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, none. Owner, A. W. Ward, 405 Columbus avenue, S. F. The building will cover an area of 40x60 feet 8 inches, and will be erected at the southeast corner of Broadway and Leavenworth streets. The building has been designed to contain nine suites of two and three rooms, all with private bath rooms and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Tile and marble will be used in the entrances. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owners, D. Edwards & Sons. This building, designed to contain eight suites and covering an area of 30x73 feet, will be erected on the west side of Gough street south of Oak. Suites will be arranged in two and three room apartments with private bath and wall beds. Interior finish will be of pine throughout with some hardwood floors. There will be steam heat and hot and cold running water will be supplied to all rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architects, McQuigall Bros., Russ Bldg., S. F. Owner, W. F. Roberts. The building will be erected on the south side of California street east of Broderick, covering an area of 27½x112 feet. There will be one store on the first floor besides the entrance and housekeeper's suite. Upper floors will be arranged for ten apartments of two and three rooms. All suites will have wall beds and private bath rooms. Interior finish will be largely of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. Entrance will be finished in marble and tile. Exterior of the building will be faced with rustic, cement plaster on metal lath and a glazed terra cotta tile base. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, Dr. C. S. Mann, 378 Golden Gate Ave., S. F. The building will be erected at the southeast corner of Golden Gate Court and Sacramento street, and will cover an area of 28x68 feet. Interior has been arranged for six suites of three rooms and bath. Interior finish will be of pine throughout. All suites will have private bath rooms and wall beds. Plans provide for a central heating system and hot water supply. Bath

rooms will have composition floors and tile wainscot. Entrance vestibule will be wainscotted with marble. Exterior of the building will be covered with shingles and klinker brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owner Dr. Bosworth. The building will be erected at the corner of Shatto and Lucas streets, covering an area of 100x175 feet. Plans provide for a total of 135 rooms which will be arranged in two and three room suites with wall beds and private bath rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot and cold water supply. Interior finish will be of pine, birch and some hardwood floors. Bath rooms will have tile floors and wainscot. Metal window sash and frames are specified. Marble and tile will be used in the lobby and entrance. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, frame, \$65,000. Architect, Rudolph F. Schering, 529 West 8th St., L. A. Owners, Coast Utilities Investment Co. The building will be erected at the corner of Garfield Place and Hollywood street, covering an area of 88x185 feet. Besides the lobby, sun parlor and amusement rooms the building will contain a total of 216 rooms, which will be arranged in two, three and four room suites. Interior finish will be of pine throughout. All apartment will have private bath rooms and will be equipped with wall beds. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$22,000. Architect, P. A. Noyes, Jr., California Bldg., L. A. Owner, Dr. L. E. Wyckoff. The building will cover an area of 43x100 feet, and has been designed to contain 53 suites arranged in suites of two and three rooms. Interior will be finished in pine with some elm panels and hardwood floors. There will be steam heat and an automatic elevator. Bath rooms will have cement floors and tile wainscot. All suites will be equipped with wall beds and will have private bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be started at once.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$60,000. Architect, Fernand Parmentier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. Contractor, Milton A. Fly, Los Angeles Investment Bldg., L. A. Contract price not stated. Note: The contract has been taken on a percentage basis.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$20,000. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owners, Architectural Construction Co. Contractors

Architectural Construction Co., Story Bldg., L. A. Contract price, \$30,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$42,000. Architect's name not given. Owner, Charles H. Lewis. Contractors, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Contract price, \$43,900.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$66,750. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Howard W. Squires. Contractors, Pacific States Investment Co., 125 South Broadway, L. A. Contract price, \$66,750.

BANKS.

SHERIDAN, ORE.—Bank, 2 story and base, brick and tile. Cost not stated. Architects, L. R. Bailey Co., Abington Bldg., Portland. Owners, Sheridan State Bank. The structure will cover an area of 25x90 feet, and will be modern in every respect. The first floor will be arranged for banking quarters, directors' room, clock rooms and lavatories. Interior finish will be of mahogany. Upper floor will be arranged for offices and will be finished in hardwoods. There will be a special fireproof vault, metal window sash and frames and steam heat. Some ornamental plaster and ornamental bronze will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

ROSEBURG, ORE.—Bank alterations, 2 story and base, brick and steel. Cost not stated. Architects, J. H. Vogt and Frank T. Griffith, Portland. Owners, Douglas National Bank. The first work to be undertaken will be the rearrangement of the present banking quarters and installation of new interior finish. Italian marble and mahogany will be used. New electric work, plumbing and vaults will also be installed. After this work has been completed the directors will authorize the construction of two additional stories, making the building four stories high. Plans are being prepared.

BRIDGES AND DAMS.

SAN MATEO, SAN MATEO CO., CAL.—Culverts, reinforced concrete. Cost not stated. Engineer, County Engineer Neuman, Redwood City. Owners, San Mateo County. Plans for two reinforced concrete culverts with end walls have been completed and approved. Bids are now being called for by the Board of Supervisors and will be opened on September 2nd. Plans can be secured from the Clerk of the Board of Supervisors. Official proposals appear in another column of this issue. Bids were opened on Monday last by the San Mateo Board of Supervisors for two bridges, one a reinforced concrete structure and the other a frame bridge. Bids will appear in the next issue.

SAN FRANCISCO—Concrete abutments, \$8,500. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing concrete abutments under the Southern Pacific Co.'s tracks at Santa Rosa avenue show Otto Rechner low at \$8,587. A complete list of these bids

will be found under the heading of San Francisco in this issue.

SACRAMENTO, CAL.—Bridge, steel and reinforced concrete, \$56,350. Engineer County Surveyor, Sacramento. Owners, Sacramento County. Due to the fact that the Ross Construction Company was awarded a contract to construct the concrete bridge across the American River under the old law, which allowed County Supervisors to expend only \$50,000 in any one fiscal year for any one purpose, and the fact that the new law removing the restriction went into effect Monday, the Board of Supervisors rescinded the action awarding the contract and will readvertise for bids. The bids will be opened September 12th. On the advice of the District Attorney and with the consent of attorneys for the Ross Construction Company the action was rescinded, because it was feared some person might enjoin the county when the second payment on the contract was made. According to the original plan the Ross Construction Company was to have been paid \$50,000 in one fiscal year after the completion on the bridge and the remaining \$33,357 in the following fiscal year. This would have avoided the law, but would have left a loop-hole for an injunction restraining the county from paying the second installment.

NAVAJO INDIAN RESERVATION, NEW MEXICO.—Bridge, steel and concrete. Cost not stated. Engineers, U. S. Indian Department, Washington, D. C. Owners, United States Government. Plans have been completed and bid will be opened on September 15th for the construction of a steel and concrete bridge over the San Juan River. Plans can be secured from the Commissioner of Indian Affairs in Washington, D. C.

CHURCHES.

SAN FRANCISCO.—Chapel, 1 story, frame. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for a small frame chapel which is to be erected at the Relief Home Tract, have been completed. The building will contain a main assembly hall seating 150 to 200 people. Interior finish will be of pine and redwood. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be opened by the Board of Public Works on August 20th.

PORTLAND, ORE.—Church, 2½ story and base, brick and reinforced concrete. Cost not stated. Architects, Tourtellette & Hummel, Rothchild Bldg., Portland. Owners, Bethel African Methodist Church. The new church will be erected at the corner of 10th and Davis streets, and will cover an area of 25x100 feet. The main floor will contain the pastor's residence, study and Sunday school rooms. Second floor will be arranged for the main auditorium and lecture halls. Interior finish will be of pine throughout. There will be a central heating system. Ornamental plaster will be used in the auditorium. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

Contracts Awarded.

PORTLAND, ORE.—Mausoleum, stone and reinforced concrete, \$35,000. Architects, Ellis F. Lawrence and William C. Holford, Chamber of Commerce Bld., Portland. Owners, Portland Mausoleum Co. Contractors, Burgoyne Stone Co., Westminster Church, East Side, Portland. Contract price, \$35,000.

GLENORA, LOS ANGELES CO., CAL.—Church, 2 story and base, reinforced concrete, \$25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Methodist Episcopal Church of Glendora. Contractor, H. G. Baker, Glendora. Contract has been taken on a percentage basis.

FACTORIES & WAREHOUSES.

SAN FRANCISCO.—Brewery plant, brick and steel construction, \$1,000,000. Architect, V. Wyss Thalman, David Hewes Bldg., S. F. Owner's name withheld. Preliminary plans have been prepared for one of the largest brewery plants in the west. The name of the owners and the exact location of the property have not been made public, although it is understood that one of the largest of the Eastern breweries is behind the project. Preliminary plans show a group of buildings of brick and steel construction which will cover over a city block. A location has been partly settled upon in the district south of Market street and where spur track facilities are afforded by both the Southern Pacific and Western Pacific roads. Further mention will be made of this work as plans progress.

PORTLAND, ORE.—Factory, 2 story and base, brick and steel. Cost not stated. Architects, L. R. Bailey Co., Abington Bldg., Portland. Owners, Puritan Manufacturing Co. The building will be erected at the corner of East 8th street and Oak, and will cover an area of 50x100 feet. A portion of the first floor will be used for offices and will be finished in pine. Balance of this floor will be occupied by the shipping department and storage space. Upper floor will contain the manufacturing space and machinery. There will be metal window sash and frames. Exterior of the building will be faced with stock brick. Plans are complete and segregated figures are being taken on the various parts of the work.

Contracts Awarded.

SEATTLE, WASH.—Grain elevator, 8 story, reinforced concrete and steel, \$25,000. Architect's name not given. Owners, Charles H. Lilly Co. Contractors, Brayton Engineering Co., Lumbermen's Bldg., Portland, Ore. Contract price, \$25,000.

SALEM, ORE.—Laundry, 2 story and base, brick. Cost not stated. Architect's name not given. Owners, Cascades Laundry Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price not given.

SEATTLE, WASH.—Warehouse, 2 story and base, brick. Cost not stated. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, Schwabacher Land Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price not stated.

VAN NUYS, LOS ANGELES CO., CAL.—Factory, 1 story and base, brick, \$32,500. Architect's name not given. Owners, Johnston Piano and Organ

Manufacturing Co. Contractors, F. O. Engstrom Co., 5th and Seaton Sts., L. A., general construction, \$32,500.

FIRE HOUSES.

FRESNO, FRESNO CO., CAL.—Detention home, 2 story and base, brick and steel, \$35,000. Architects, Swartz, Hotchkin & Swartz, Rowell Bldg., Fresno. Owners, Fresno County. This work has been mentioned here before when the architects were first commissioned to prepare plans. The building will contain class rooms, dormitories for males and females, dining rooms and manual and domestic science departments. Interior finish will be of pine with some maple floors. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bid will be opened by the Board of Supervisors on September 8th. Plans can be secured from the architects or from D. M. Barnwell, County Clerk.

FLATS.

SAN FRANCISCO.—Flats, 3 story and base, frame, \$7,000. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster St., S. F. The building will be erected at the southwest corner of Grove and Central avenue and will cover a considerable area. Plans provide for six large, and modern flats with all conveniences. Interior finish will be of pine with some elm panels and hardwood floors. Each flat will have a large open fire place with brick or tile mantel. Bath rooms will be finished in tile and tile wainscot will also be used in the kitchens. Entrances will be finished in tile and terrazzo. Exterior of the building will be covered with shiplap and rustic. Plans are in the hands of the owners and the work will be done by Day Labor.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$4,000. Architects, Rhodes & Marish, 327 1/2 16th St., S. F. Owner, Patrick Keene. The building will be erected at the southeast corner of Rivoli and Schrader streets, covering an area of 30x60 feet. There will be two modern flats of five and six rooms with bath. Interior finish will be of pine throughout with some hardwood floors. Tile will be used in the bath rooms and kitchens. There will be an open fire place with brick or tile mantel in each living room. Exterior of the building will be covered with shingles and brick veneer base. Plans are complete and figures are being taken.

SAN FRANCISCO.—Flats, 3 story and base, frame, \$6,000. Architect, none. Owner, James F. Long, 209 Acadia St., S. F. The building will be erected on the south side of 25th street west of Church, covering an area of 24x58 feet. Plans have been arranged for three flats of five and six rooms with bath. Interior finish will be of pine throughout except in the living and dining rooms where elm panels will be used. There will be open fire places and stock mantels. Tile will be used in the bath rooms and kitchens. Entrances will be finished in tile and terrazzo. Exterior of the building will be covered with rustic, shiplap and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, brick and steel, \$20,000. Architect C. A. Meusdorffer, Humboldt Bank Bldg., S. F. Owners, D. Samuels Realty Co. This building, which is to be erected on the south side of Post street west of Jones, has been mentioned here before. The structure will cover an area of 77'4x137'4 feet. Front portion of the building will be used as an office, and balance of the structure for storage space and repair shop. There will be steel roof trusses, cement floor and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Engineer L. M. Hausman, Nevada Bank Bldg., will be in charge of the work.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage, 1 story, brick. Cost not stated. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, F. W. Rothenbush. The garage will be erected on a lot adjoining the Imperial Hotel and will cover an area of 50x75 feet. There will be a cement floor, pine interior finish, steel oil tanks and a vacuum cleaning system. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

San Francisco, Cal., Subtreasury.

Grant Pee, 2440 16th street, San Francisco, Cal., will install without change in contract price vacuum cleaning system made by the Atwood Vacuum Cleaner Co. in lieu of the F. R. S. Prentiss system. Two separator tanks, each having a capacity of 9 cubic feet, to be provided. Bed plate of the outfit to be provided with raised lip to prevent the drip from flowing on to the floor.

Solano County, Cal., Echo Board.

The following bids were received by the lighthouse inspector, eighteenth district, San Francisco, Cal., for echo board at Junction Point, Solano County, Cal.:

Merry-Elwell Co., \$925.
Healy-Tibbets Construction Co., \$1,670.
M. L. Isham, Rio Vista, Cal., \$337.50; accepted.

Cylinder and Valve Gear.

Abstract of bids for hydraulic cylinder and valve gear, Salt River project, opened at Los Angeles, Cal.:

Maine Machine Works, Los Angeles, Cal., \$100; time 15 days.
Llewellyn Iron Works, Los Angeles, Cal., \$178.50; time 20 days.

Bellingham, Wash., Screens.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing door and window screens for the U. S. post office and court house, Bellingham, Wash.:

The E. T. Burrows Co., Portland, Me., \$1,225, conditional.
Willer Mfg. Co., Milwaukee, Wis., \$1,310.
The Robbins Mfg. Co., Chicago, Ill., \$1,375.

A. E. McKenzie, Bellingham, Wash., \$1,975.

Montague & McHugh, Bellingham, Wash., \$3,241.

Western Woodworking Co., Bellingham, Wash., \$3,285.

Naval Station, San Francisco, Water Pipe.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for water pipe from Yerba Buena Island to Oakland, Cal., at the U. S. Naval Training Station, San Francisco:

Item 1, work complete, using cast iron pipe; 2, do, using galvanized steel pipe.

George J. Henry, Jr., Rialto Building, San Francisco, Cal., item 2, \$9,400.

Marshall C. Harris, 23 California street, San Francisco, Cal., item 2, \$9,927.50.

Contra Costa Construction Co., 314 Sheldon Building, San Francisco, Cal., item 1, \$9,875; 2, \$8,350.

Lower Brule Indian School, Heating.

The contract for the installation of a central heating plant in the Lower Brule Indian School has been awarded to J. L. Stevens, Chamberlain, S. D., at \$6,370.

Scoop-Wheel Material.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing material for one scoop wheel for the Minidoka project, Idaho:

Advance Machine Co., Los Angeles, Cal., \$790; 77 days.

Fulton Engine Works, Los Angeles, Cal., \$1,068; 75 days.

Llewellyn Iron Works, Los Angeles, Cal., \$1,245; 45 days.

Baker Iron Works, Los Angeles, Cal., \$1,533; 35 days.

All bidders propose to make delivery f. o. b. Los Angeles.

Air-Brake Switches.

The following bids were received at the office of the Reclamation Service, Los Angeles, Cal., under advertisement No. 217, for furnishing air-brake switches for the Salt River project, Ariz.:

Railway & Industrial Engineering Co., Pittsburgh, Pa., \$180; 10 days, at Pittsburgh.

General Electric Co., Los Angeles, Cal., \$210; 90 days, at Schenectady.

Pacific Electric Mfg. Co., Los Angeles, Cal., \$246; 15 days, at San Francisco.

Boilers, Port Townsend, Wash.

The following is a correct abstract of the bids received by the supervising architect for new heating boilers, etc., at the U. S. post office, Port Townsend, Wash.:

Ward-Sherer, Seattle, Wash., \$3,176; October 1, 1913.

Jones & Crouten, Port Townsend, Wash., \$2,450; 60 days.

Baughman Plumbing & Heating Co., Seattle, Wash., \$2,290; November 1, 1913.

Insulators, Reclamation Service.

The following bid was opened by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing insulators for the Minidoka project, Idaho:

Western Electric Co., Los Angeles, Cal., item 1, \$833.25; 2, \$392.60.

The one bid received under the original opening on July 7 was rejected.

Electrical Equipment, Reclamation Service.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing the following electrical equipment:

Item 1, 3 75-K. V. A. transformers; 2, 12 35-K. V. A. transformers; 3, 1 watt-hour meter; 4, 4 automatic oil switches; 5, 1 air-brake switch; 6, 4 lighting arresters; 7, 2 3-phase do.

Allis-Chalmers Co., Los Angeles, Cal., item 1, \$1,800; 2, \$2,760; 3, \$165; 4, \$600; 5, \$544; 6, \$126; 7, \$25.

General Electric Co., Los Angeles, Cal., item 1, \$1,998; 2, \$2,340; 3, \$173; 4, \$648; 5, \$1,170; 6, \$210; 7, \$30.

Westinghouse Electric Mfg. Co., Los Angeles, Cal., item 1, \$2,070; 2, \$2,770; 3, \$89.30; 4, \$612.75; 5, \$335; 6, \$227.40; 7, \$16.40.

Wagner Electric Mfg. Co., St. Louis, Mo., item 1, \$2,025; 2, \$2,280.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 1, \$2,184; 2, \$2,100 and \$1,800.

Railway Industrial Engineering Co., Pittsburgh, Pa., item 1, \$335.

Pacific Electric Mfg. Co., Los Angeles, Cal., item 5, \$153.40.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., item 1, \$2,280.

Sluice and Penstock Gates.

The following bids were opened at the office of the U. S. Reclamation Service, Elephant Butte, N. Mex., for furnishing sluice and penstock gates at Elephant Butte, as follows:

Hinman Hydraulic Mfg. Co., Denver, Colo., item 1, \$19,874; 2, \$27,600; 3, \$100; 4, \$109; 5, \$10; total \$47,693.

Coffin Valve Co., Boston, Mass., item 1, \$18,786; 2, \$25,719; 3, \$156; 4, \$150, 5, \$30.25; total, \$44,791.25.

Stacey-Smith Mfg. Co., York, Pa., item 1, \$22,450; 2, \$31,920; 3, \$205; 4, \$139; 5, \$30; total, \$54,744.

Rosedale Foundry & Machine Co., Pittsburgh, Pa., item 1, \$25,600; 2, \$36,400; 3, \$280; 4, \$218; 5, \$28; total \$62,526. Alternative bid, if cast steel cylinders may be substituted for rolled steel cylinders the amounts of items 1 and 2 will be reduced \$532 and \$798, respectively, making the total, \$61,196.

Vulcan Iron Works, Chicago, Ill., item 1, \$24,886; 2, \$33,400; 3, \$268; 4, \$190; 5, \$64; total, \$58,808.

Fulton Engine Works, Los Angeles, Cal., item 1, \$39,300; 2, \$55,117; 3, \$251; 4, \$191; 5, \$49; total, \$94,908.

Cylinder and Valve Gear.

The following bids were received under advertisement No. 218 by the U. S. Reclamation Service, Los Angeles, Cal., for one hydraulic cylinder for screen operating device:

Maine Engine Works, \$100; Los Angeles delivery, 15 days.

Llewellyn Iron Works, \$178.50; net; Los Angeles delivery, 20 days.

Motor-Driven Pumps for Colon.

The original plan for furnishing the power in the operation of the pumps at the new Colon water works was to utilize the three boilers, two stacks, and three pumps in the old station, but upon examination it was found that their condition would not justify their installation in a new plant. It has now been decided to substitute electrical for steam energy, and to

Install three motor-driven, single-stage pumps, using 2,200 volts. The average loads on these pumps will probably be less than 200 horse power a day. It is believed that the operating expense will be considerably less with motor-driven than with steam-driven pumps, while the electrical installation will leave a space approximately 28 by 35 feet available for the installation of oil pumps for the fuel oil pipe line system. Power will be obtained from the hydroelectric station at Gatun, when it is in operation, otherwise from the Miraflores steam plant.

PEARL HARBOR, HAWAII—Magazine buildings, reinforced concrete construction, \$120,000. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans for a number of reinforced concrete magazine buildings which are to be erected at Pearl Harbor have been completed and approved. Bids will be opened by the Bureau of Yards and Docks in Washington on September 20th. Plans can be secured from either the Bureau or from the Commandant at Pearl Harbor. An official proposal appears in another column of this issue.

—HALLS & SOCIETY BLDGS.—

BAKERSFIELD, KERN CO., CAL.—City hall, 2 story and base, brick and steel, \$15,000. Architect, Thomas B. Wiseman, Producers' Bank Bldg., Bakersfield. Owners, City of Bakersfield. The old County Court House will be remodeled into a City Hall. Plans for this work are now being prepared. The work will include new interior finish, plastering, electric work, plumbing and painting. There will also be a large amount of cabinet work, office fixtures, etc. Exterior of the building will not be changed. Plans are being prepared.

NORTH YAKIMA, WASH.—Armory, 2 story and base, reinforced concrete, \$65,000. Architect's name not given. Owners, State of Washington. Plans for the new armory building which is to be erected at North Yakima have been completed. The plans are now on file in the office of Adj. General Llewellyn, Armory Bldg., Seattle. Bids are being taken and will be opened on September 16th.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete, \$80,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owners, Vaysie Bros. The building will be erected at the corner of Seventh and Stevenson streets, covering an area of 75 feet square. There will be five stories besides the hotel entrance on the first floor. Upper floors will be divided into 100 guest rooms and a number of public and private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. There will be metal window sash and frames. Patent store fronts and sidewalk doors and light are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$60,000. Architect, A. J. Barnett, 583 California St., S. F. Owners, Zellerbach & Levison. This building was mentioned here sometime ago under another architect's name. The structure will be erected on Turk street east of Mason and will cover an area of 34 feet 4½ inches by 137½ feet. There will be one store on the first floor besides the hotel lobby. Upper floors will contain in the neighborhood of 100 rooms and a number of public and private baths. Interior finish will be largely of pine with some elm panels and ornamental plaster in the lobby. There will be steam heat, elevator service and hot water plant. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. There will be patent store fronts, sidewalk doors and lights and metal window sash and frames. Plans are complete and construction will be carried out by Theo. Hoin, 1449 Hyde street.

SAN FRANCISCO—Hotel and stores 3 story and base, brick and steel. Cost not stated. Architects, Shea & Lofquist, 550 Montgomery street, S. F. Owners, Mary C. and Joseph B. Kennedy. The building will be erected at the southwest corner of Ellis and Larkin streets, covering an area of 48x87½ feet. There will be stores on the first floor and a number of single rooms and baths on the upper floors. Plans provide for steam heat and elevator service. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Stores will have large display windows in patent fronts. Plans are being prepared and contracts will be let shortly.

OAKLAND, CAL.—Hotel, 7 story and base, Class C construction, \$100,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, M. Friedman, 253 Post St., S. F. Preliminary plans have been prepared for a large store and hotel building which will be erected on the property at the southwest corner of 16th and Clay streets. Only preliminary plans have been prepared and details of the construction are not available. The lot to be improved covers a large area. First floor of the new building will be arranged for stores and upper floors will contain in the neighborhood of 150 rooms. Interior finish will probably be of pine throughout. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a hot water plant. Exterior will probably be faced with pressed brick.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class B construction, Cost not stated. Architect, Anton Reif, Higgins Bldg., L. A. Owners, John G. Orth, Susan B. Campbell and Benj. Weingert. The building will be erected on an inside lot with a street frontage of 67 feet and a depth of 147 feet. Upper floors of the building will contain a total of 202 guest rooms, a large per cent of which will have connecting baths. Interior finish will be of pine and hardwoods with ornamental plaster in the lobby and offices. There will be steam heat, elevator service, vacuum cleaning system and a hot water

supply. Bath rooms will have cement floors and tile wainscot. Metal lath and plaster interior partitions will be used and metal window sash and frames. Exterior will be faced with pressed brick. Plans are being figured.

Contracts Awarded.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete, \$40,000. Architects, MacDonald & Kahn, Holbrook Bldg., S. F. Owner, H. Baker Fisher. Contractors, MacDonald & Kahn, Rialto Bldg., S. F. Contract price, \$40,000.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel, 2 story and base, brick, \$23,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Mr. Rossi. Contractor, Frank Tucker, North Sierra Nevada street, Stockton. Contract price, \$23,000. Note: The building will cover an area of 101 feet square.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and stone, \$55,000. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owner, N. C. Cramer. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$55,000.

LOS ANGELES, CAL.—Hotel, 3 story and base, Class C construction, \$90,000. Architect's name not given. Owner, Walter H. Fisher, Union Oil Bldg., L. A. Contractor, Alex. Grant, L. A. The contract has been taken on a percentage basis. Building will cover an area of 100x150 feet.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$55,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Sydney Goldman. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$55,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction, \$41,187. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. Contractors, Alta Planing Mill Co., 820 McGarry St., L. A., general construction only. Contract price, \$41,187. This contract does not include plumbing, heating, vacuum cleaning, elevator work, painting or store fronts.

LIBRARIES.

SANTA ANA, ORANGE CO., CAL.—Hospital, 2 story and base, brick and concrete, \$25,000. Architect, Frederick H. Ely, Hervey-Finley Bldg., Santa Ana. Owners, Orange County. All bids received on August 5th for the construction of this building have been rejected. Plans are now out for figure and bids will be opened by the Board of Supervisors on August 25th. Plans can be secured from the architect.

Contracts Awarded.

ALHAMBRA, LOS ANGELES CO., CAL.—Library, 1 story and base, brick and steel, \$26,485. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owners, City of Alhambra. Contractor, H. F. Roberts, 203 North Marguerita street, Alhambra. Contract price, \$26,485.

SEATTLE, WASH.—Library, 1 story and base, Class A construction, \$20,000. Architect, W. Marbury Sommerwell, White Bldg., Seattle. Owners, City of Seattle. Contractors, Shepard & Warrack, Downs Bldg., Seattle, general construction, \$24,915.25. No Page-McKenny Co., Prefontaine Bldg., elec-

tric wiring, \$285; Simpson-Pepper Co., 314 James St., plumbing, \$964, and T. J. Garrison, Hinckley Bldg., heating, \$1,561.

RAILROAD CONSTRUCTION—AND EQUIPMENT.

SPOKANE, WASH.—Passenger station, 2 and 3 story and base, steel and reinforced concrete, \$500,000. Architect's name not given. Owners, Oregon-Washington Railway and Navigation Co. Mr. J. R. Holman, representing the O.-W. R. and N. Co., Spokane, states that the opening date for bids on this work has been postponed from August 20th to September 9th. The building has been fully described in these columns before. Plans can be secured on applying to Mr. Holman, in care of the owners at Spokane.

SAN FRANCISCO—Safety Station removal and reconstruction. Cost not stated. Architect, City Architectural Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids are now being called for the removal and reconstruction of the safety station at the gore corner of Market and Ellis streets. Plans and specifications can be secured on application to the Board of Public Works. An official proposal appears in this issue.

Contracts Awarded.

REDONDO JUNCTION, LOS ANGELES CO., CAL.—Round house, 1 story, reinforced concrete, \$35,000. Engineer, Engineering Department Santa Fe R. R. Co. Owners, Santa Fe R. R. Co. Contractors, Van Sant-Houghton Co., Oakland. Contract price, \$35,000.

RESIDENCES.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, Hiram K. Lovell, South Berkeley Bank Bldg., Berkeley. Owner, Mrs. Schiller. The dwelling, which has been designed for a four-room house with bath and sleeping porch, will be erected on Alcatraz avenue. Interior will be finished in pine with some hardwood floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with rustic. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, C. J. Struby. Owner, Mrs. N. Connelly, 606 Jones street, Oakland. The house will be erected at the corner of Wickson street and Walker avenue, and will contain seven rooms and bath. Interior finish will be of pine, redwood and some elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and tile will also be used in the kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, P. H. Frank, 2709 McGehee avenue, Berkeley. The house will be erected at the southeast corner of Lawton and Clifton streets, and has been designed to contain seven rooms

and bath. Interior will be finished in pine with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,300. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, Joseph S. Hickingbotham. The house will be erected on Walla Vista and will contain seven rooms, bath and sleeping porch. Interior will be finished in pine with some white enamel and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$2,500 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on 10th and 15th avenues north of Clement street. Each house has been designed to contain six rooms and bath. Interior finish will be of pine throughout with some hardwood floors. All living rooms will have large open fire places with brick or tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, M. B. Nichols. The house will be erected in the Diamond Vista Tract, and has been designed to contain six rooms, bath and sleeping porch. Interior finish will be of pine with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile, the sum of \$60 being allowed. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Harris Allen, 2514 Hillgass avenue, Berkeley. Owner, Dudley Baird. The house will be erected at the corner of Dwight Way and Prospect avenue, and is designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have a composition floor and tile wainscot. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath.

Plans are complete and figures are being taken.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, E. B. Hurt, 521 Cottage St., Oakland. Owner, Leo A. Cockerton. The house will be erected on Tland avenue near Cottage street, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,300. Architect, Frank S. Forester, 1417 Arch St., Berkeley. Owner, W. R. Klink. The bungalow will be erected on Ivywood street, and has been designed to contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place with brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. Exterior of the bungalow will be covered with shingles. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,300. Architect, S. G. Pelton, 445 South 3rd St., San Jose. Owner, Mable Pelton. The dwelling has been designed to contain five rooms and bath. Interior will be finished in pine throughout with some hardwood floors in the living room and dining room. A large open fire place with brick mantel will be a feature of the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster. The same architect is also preparing plans for the same owner for a second dwelling, similar in design to the one above described, and will shortly take figures on both buildings.

REDWOOD CITY, SAN MATEO CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, National Architectural and Engineering Co., First National Bank Bldg., S. F. Owner, G. L. Breeze, Redwood City. The house has been designed to contain six rooms bath and sleeping porch. Interior finish and floors will be of pine. There will be a large open fire place in the living room with brick mantel. An automatic water heater will be installed. Tile will be used in the bath room. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: William T. Weber, 1032 South Aurora street, 1 story frame cottage, \$1,500; L. Burgess, 1643 South San Joaquin street, 1 story frame cottage, \$1,500; L. Lagoria, California and North streets, 1 story frame cottage, \$1,500, and Volunteers of America, Stockton, 1 story frame dwelling, \$2,000.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$1,200. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Mr. Alapas. The dwelling has been designed for a five-room house with bath. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be an open fire place in the living room with tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic, shingles and shiplap. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Mrs. McInnes. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for steam heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are now being prepared.

SACRAMENTO, CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: D. J. Jenkin, Elmhurst, Sacramento, 1 story frame cottage, \$2,000; E. A. Pierce, 3525 Park avenue, 1 story frame cottage, \$2,800; P. F. Reed, 2613 28th street, 1 story frame dwelling, \$2,000; E. Ball, Ohio avenue, 1 story frame cottage, \$1,500; M. B. Czesnia, 521 T street, 1 story frame dwelling, \$1,800; Manuel Azevedo, 2020 4th street, alterations to dwelling, \$1,000, and J. H. Dischler, 4018 G street, 1 story frame dwelling, \$1,500.

SACRAMENTO, CAL.—Residence, 2 story and base, frame and terra cotta tile, \$29,000. Architect, A. D. Nicholson, Whittell Bldg., S. F. Owner, J. B. Edwards. The dwelling will contain in the neighborhood of twelve rooms, several baths and sleeping porches. Interior finish will be of pine and hardwoods. There will be a central heating system, probably hot water, and open fire places. Mantels will be of tile and brick. Hardwood floors will be used in the principal rooms. Plans include tile bath room floors and wainscot in the baths and kitchen, an automatic water heater and vacuum cleaning system. Exterior of the dwelling will be faced with terra cotta. Plans are complete and figures are being taken for the work.

SCHOOLS.

BRAWLEY, IMPERIAL CO., CAL.—School, 2 story and base, brick, \$45,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Brawley High School District. This is the first of a group of buildings which will eventually comprise the Brawley High School. The building has been designed as an administration building, and will cover an area of 104x115 feet, containing ten class room, an auditorium, physical, domestic science department, physical and chemical laboratories, of-

fice and rest rooms. Interior finish will be of pine with some maple floors. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be faced with sand lime brick. Plans are being prepared.

CLAREMONT, LOS ANGELES CO., CAL.—Music hall, 2 story and base, reinforced concrete, \$90,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. The building has been designed in the shape of a letter Y and will have a total frontage of 260 feet and an average width of 45 feet. The main auditorium will seat 1,000 people. Besides this room plans provide for 8 studios and 16 practice rooms. Interior will be finished in pine and hardwoods. There will be steam heat, hollow tile interior partitions and metal window sash and frames. A clay tile roof will be used. Exterior of the building will be faced with cement plaster. Plans will be complete and figures called for within a month.

Contracts Awarded.

PORTLAND, ORE.—School, 2 story and base, brick and steel. Cost not stated. Architect, F. A. Baramore, Tilford Bldg., Portland. Owners, City of Portland. Contractors, The Litherland-Abrey Co., Beck Bldg., Portland. Contract price not stated.

COTTAGE GROVE, ORE.—School, 2 story and base, brick, \$26,900. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, Cottage Grove School District. Contractors, W. O. Heckart, Eugene. Contract price, \$26,900.

LOS ANGELES, CAL.—School, 2 story and base, brick, \$30,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Woman's Board of Home Missions of the Presbyterian Church. Contractor, E. Gardner, 469 East 44th street, L. A. Contract price, \$30,000.

BAKERSFIELD, KERN CO., CAL.—School, 1 story and base, frame, \$13,000. Architect, J. M. Saffell, Bakersfield. Owners, Beardsley School District. Contractors, Dupes & Hansen, Bakersfield. Contract price, \$13,000.

PULLMAN, WASH.—School group, mechanical arts, agriculture and two minor buildings. Class A construction. Cost not stated. Architect's name not given. Owners, Washington State College. Contractor, J. B. Sweatt, Spokane, general construction, \$198,580.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Grading reservoir site. Cost not stated. Engineer, Engineering Dept. Spring Valley Water Co., 375 Sutter St., S. F. Owners, Spring Valley Water Co. Bids are now being called for and will be opened on September 1st for grading the property known as the Market Street Reservoir site. Plans can be secured from the engineering department of the water company. An official proposal appears in another column of this issue.

GRADING RESERVOIR SITE—Cost not stated. San Francisco. Engineer, Engineering Dept. Spring Valley Water Co., 375 Sutter St., S. F. Owners, Spring Valley Water Co. Bids are now being called for and will be opened on September 1st for grading the property known as the Market Street Reservoir site. Plans can be

secured from the water company. An official proposal appears in another column of this issue.

STORE.

SAN FRANCISCO—Stores and offices, 20 story and base, Class A construction. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, John D. Spreckels. The architects have detail plans completed for the new Call Building, which is to be erected at the southeast corner of Fourth and Market streets. Probably the most interesting announcement in this connection is the statement that these plans call for a 30 story structure instead of 25 stories as was first announced. Moulds for the terra cotta work are now being made and steel is being fabricated. One lease on the premises runs until December 1st of this year and actual construction work will start next morning.

LOS ANGELES, CAL.—Lofts, 5 story and base, Class B construction. Cost not stated. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owners, Besinger Estate. The building will be erected on Los Angeles street near 9th, and has been designed for a high class commercial building. There will be four elevators, metal window sash and frames, fireproof doors and a steam heating system. Interior finish and floors will be of pine. Patent store fronts will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores, 1 story and base, brick. Cost not stated. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, William Mall et al. The building will be erected on a corner site, covering an area of 50x100 feet. There will be six stores. Interior finish will be of pine throughout. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with white glazed terra cotta. Plans are complete and figures are being taken.

THEATRES.

Contracts Awarded.

SEATTLE, WASH.—Theatre remodeling, brick and steel construction, \$50,000. Architect, Francis W. Grant, Globe Bldg., Seattle. Owners, Star Theatre. Contractor, James Murdock, 726 14th Ave., Seattle. Contract price, \$50,000. Note: The contractor is now taking sub-figures on all parts of this work.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL, CIRCULAR 788—Steel Turnable, Vitrified Conduit, Vitrified Sewer Pipe, Galvanized Iron or Steel, Steel Wire, Horse-hoes, Nails, Nuts, Wire Rope, Clips, Chisels, Hammers, Yellow Metal, Hamps, Hinges, Files, Hack-saw Blades, Bronze Wire Cloth, Tool Handles, Paint Brushes, Whitewash Brushes, Coal Baskets, Water Coolers, Metallic Tapes, Manila Rope, Marline, Tarwhite Belt Lining, Hose, Packing, Cotton Canvas, Railway Flags and Bunting, Lumber, Crayons, Calcium Carbide, Chloride of Lime, Rock Salt, Soap, Sand Polish, Linseed Oil, Gasoline, Turpentine, Varnish, Japan Drier, Lampblack, Shellac, Paints, Crenated Lumber and Crenated Piles.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washing-

tion, D. C., until 10:30 a. m., August 29, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and general information relating to this circular (No. 758) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR PIPE.

PIPE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m., September 3, 1913, for furnishing semi-steel pipe for Arrowrock Dam, Boise project, Idaho. For particulars address the assistant purchasing officer, Isthmian Canal Commission, Washington, D. C. J. M. McKINLEY, acting director.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 755—Proposals for furnishing and erecting a movable span or bascule over the French Canal at Cristobal.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., September 5, at which time they will be opened in public, for furnishing and erecting the above mentioned movable span, the date of opening originally set for this circular at August 6 being postponed, as stated above, to September 5, 1913. Information address F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR PIER TIMBER.

PIER TIMBER—U. S. Engineer Office, Chicago, Ill.—Sealed proposals for furnishing fir timber for use in Chicago, Ill., district, f. o. b. cars at mills, will be received at this office until 10 a. m., September 5, 1913, and then publicly opened. Information on application to this office or to U. S. engineer office, Seattle, Wash. GEO. A. ZINN, Lt. Col. Engrs.

PROPOSALS FOR PIER WORK.

PIER WORK—Sealed proposals in closed "Proposals for Extension to Pier" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 13, 1913, and then and there publicly opened, for construction of crescented pile and timber trestle extension to Pier No. 8, at the navy yard, Puget Sound, Wash. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 723 Central Building, Los Angeles, Cal.—Sealed proposals for dredging at San Diego Harbor, Cal., will be received here until 1 o'clock a. m., August 29, 1913, and then publicly opened. Information on application, C. H. McKINSTRY, engineer.

PROPOSALS FOR MAGAZINE BUILDING.

BUILDING—Sealed proposals in closed "Proposals for Magazine Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 20, 1913, and then and there publicly opened. Information on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL RODS.

STEEL RODS—U. S. Engineer Office, Portland, Ore.—Proposals for furnishing 1,500,000 pounds of steel rods for concrete reinforcement will be received here until 11 a. m., August 30, 1913, and then publicly opened. Information on application, JAY J. MORROW, major, engineers.

PROPOSALS FOR REINFORCED CONCRETE CULVERTS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m. on Tuesday, September 2, 1913, for constructing a reinforced concrete culvert and end walls on county road leading from San Bruno to Crystal Springs, being third bridge west of Mission road, in the First Road District, as per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, August 4, 1913, which said plans and specifications are now on file in the office of the clerk of said Board where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county, in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications and to be held in escrow. All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. JOS. H. NASH.

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The right is reserved to reject any and all bids. JOS. H. NASH.

PROPOSALS FOR REMOVAL AND RECONSTRUCTION OF SAFETY STATION.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of August, 1913, for doing the following work, to wit:

The removal and re-construction of a Safety Station adjacent to the northerly street car tracks at the junction of

Market, Ellis and Stockton streets.

Said work must be done in accordance with the plans and specifications thereof on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within seven (7) calendar days and completed within twenty-five (25) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$500.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Board of Public Works.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

NOTICE TO GRADING CONTRACTORS.

PROPOSAL SOLICITED FOR GRADING OF MARKET STREET RESERVOIR PROPERTY OF SPRING VALLEY WATER COMPANY.

San Francisco, Cal., August 12, 1913. PROPOSALS will be received at the office of the Secretary of the Spring Valley Water Company, No. 375 Sutter Street, San Francisco, on or before September 1st, 1913, for grading to adjacent streets the property of the Market Street Reservoir Property of said Company, comprehending a portion of Western Addition Block No. 215, the whole of Western Addition Block No. 220, a portion of Western Addition Block No. 233 and a portion of Mission Block No. 80 in the City and County of San Francisco, State of California.

It is estimated that approximately 322,000 cubic yards must be graded and moved from the blocks aforesaid and from adjoining streets.

Alternate proposals for completing work of grading and removal of earth within twelve months, within eighteen months and within twenty-four months from date of signing contract will be considered. Process of payment of contract will be made in accordance with standard practice.

The Spring Valley Water Company reserves the right to reject any or all proposals submitted in accordance herewith.

Proposal forms may be obtained at the office of the Secretary of the Spring Valley Water Company. Plans and specifications or will be mailed upon request and full information will be given intending bidders by the Engineering Department of said Company.

SPRING VALLEY WATER COMPANY, John E. Behan, Secretary. (*)

The San Francisco Call has been purchased by M. H. De Young and will be merged with the Chronicle. After an existence of more than half a century the oldest newspaper in the city goes out of existence. And this for the reason that there is not room for three personal organs in a city the size of San Francisco.

The people will gain nothing by the consolidation. The news no doubt will be given with the same bias toward special privilege that has characterized the Chronicle in the past. And it is doubtful if the Examiner will lose anything in circulation by the combination, but rather gain by that fact.

It will now be Hearst and De Young who will be the purveyors of our morning's news and will mold public opinion by their bat eyed editorials. Surely the newspaper business needs some government regulation or something else when the whole people have to depend upon newspapers that represent the public only when they have a private ax to grind.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$30,000. San Francisco. Architects, Ross & Burgen, 310 California St., S. F. Owner, S. Zuseman. The building will be erected on the north side of Post street west of Larkin, covering an area of 24 feet 3 inches by 120 feet. Suites will consist of two and three rooms with private baths and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, automatic elevator, a vacuum cleaning system and hot water plant. Bath rooms will have composition floors and tile wainscot. Entrance of the building will be finished in marble and tile. Exterior will be faced with cement plaster. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$24,000. San Francisco. Architect, none. Owners, McKillop Bros., 540 Cole street, S. F. The building will be erected on the west side of Taylor street north of Clay and will cover a ground area of 30x150 feet. There will be in the neighborhood of 20 suites of two and three rooms. Interior finish will be of pine, elm panels and some hardwood floors. All suites will be equipped with wall beds and will have private bath rooms. Plans provide for steam heat, vacuum cleaning system and hot and cold running water. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with rustic and brick veneer. Plans are in the hands of the owners and the work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, F. Mertens. The building will contain in the neighborhood of 12 suites arranged in two three rooms, and is to be erected on the south side of Fulton street east of Gough. Interior finish will be of pine with some elm panels. All suites will have private bath rooms and will be equipped with wall beds. Bath rooms will have composition floors and tile wainscot. Plans provide for a central heating system. Entrance vestibule will be finished in marble. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and have been out for figures. Contracts will be awarded this week.

APARTMENT HOUSE—3 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owners, Talbot Estate. This building will be erected on the north side of Mission street west of Seventh, covering an area of 31 feet 4 inches by 165 feet. Plans show a large store on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of pine throughout. There will be steam heat. All suites will have private baths and wall

beds. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on upper Sacramento street, and has been designed to contain nine suites of three rooms and bath. Interior finish will be of pine with elm panels and some hardwood floors. There will be steam heat and an automatic elevator. Bath rooms will have cement floors and tile wainscot. Hot and cold running water will be supplied to all rooms. Suites will be equipped with wall beds. Marble and tile will be used in the entrance vestibule. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$2,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. A. Dorland. The building is to be erected on the west side of Valencia street north of 17th street, and will cover an area of 60x78 feet. Plans show a total of 14 suites arranged in two and three rooms with private baths and wall beds. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be steam heat and elevator service. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be covered with rustic, ship-lap and brick veneer. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$35,000. San Francisco. Architect, none. Owner, D. Curtin, 4040 24th street, S. F. The building has been designed to contain twelve large suites, and will be erected at the northeast corner of Castro and 24th streets, covering an area of 30x80 feet. Interior finish will be largely of pine with some redwood and elm used. Plans provide for steam heat, automatic elevator, a vacuum cleaning plant and hot and cold water system. All suites will have wall beds and private bath rooms. Bath rooms will be finished with composition floors and tile wainscot. Exterior of the building will be covered with ship-lap and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, none. Owner, A. W. Ward, 405 Columbus avenue, S. F. The building will cover an area of 40x60 feet 8 inches and will be erected at the southeast corner of Broadway and Leavenworth streets. The building has been designed to contain nine suites of two and three rooms, all with private bath rooms and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. There will be

steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Tile and marble will be used in the entrance. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owners, D. Edwards & Son. This building, designed to contain eight suites and covering an area of 38x73 feet, will be erected on the west side of Gough street south of Oak. Suites will be arranged in two and three room apartments with bath and wall beds. Interior finish will be of pine throughout with some hardwood floors. There will be steam heat and hot and cold running water will be supplied to all rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architects, McDougall Bros., Russ Bldg., S. F. Owner, W. F. Roberts. The building will be erected on the south side of California street east of Broderick, covering an area of 274x112 feet. There will be one store on the first floor besides the entrance and housekeeper's suite. Upper floors will be arranged for ten apartments of two and three rooms. All suites will have wall beds and private bath rooms. Interior finish will be largely of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. Entrance will be finished in marble and tile. Exterior of the building will be faced with rustic, cement plaster on metal lath and a glazed terra cotta tile base. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, C. S. Mann, 378 Golden Gate avenue, S. F. The building will be erected at the southeast corner of Golden Gate Court and Sacramento street, and will cover an area of 28x68 feet. Interior has been arranged for six suites of three rooms and bath. Interior finish will be of pine throughout. All suites will have private bath rooms and wall beds. Plans provide for a central heating system and hot water supply. Bath rooms will have composition floors and tile wainscot. Entrance vestibule will be wainscoted with marble. Exterior of the building will be covered with shingles and klinker brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

CHAPEL—1 story, frame. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for a small frame chapel, which is to be erected on the Relief Home Tract, have been completed. The building will contain a main assembly hall, seating 150 to 200 people. Interior finish will be of pine and redwood. Exterior of the building will be covered with cement

plaster on metal lath. Plans are complete and figures will be opened by the Board of Public Works on August 20th.

BREWERY PLANT—Brick and steel construction, \$1,000,000. San Francisco. Architect, T. Wyss Thalmann, David Hewes Bldg., S. F. Owner's name withheld. Preliminary plans have been prepared for one of the largest brewery plants in the west. The name of the owners and the exact location of the property have not been made public, although it is understood that one of the largest of the Eastern breweries is behind the project. Preliminary plans show a group of buildings of brick and steel construction which will cover over a city block. A location has been partly settled upon in the district south of Market street and where spur track facilities are afforded by both the Southern Pacific and Western Pacific roads. Further mention will be made of this work as plans progress.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster St., S. F. The building will be erected at the southwest corner of Grove and Central avenue, and will cover a considerable area. Plans provide for six large and modern flats with all conveniences. Interior finish will be of pine with some elm panels and hardwood floors. Each flat will have a large open fire place with brick or tile mantel. Bath rooms will be finished in tile and tile wainscot will also be used in the kitchens. Entrances will be finished in tile and terrazzo. Exterior of the building will be covered with shiplap and rustic. Plans are in the hands of the owners and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architects, Klodes & Marish, 3372 16th St., S. F. Owner, Patrick Keene. The building will be erected at the southeast corner of Rivoli and Schrader streets, covering an area of 30x60 feet. There will be two modern flats of five and six rooms with bath. Interior finish will be of pine throughout with some hardwood floors. Tile will be used in the bath rooms and kitchens. There will be an open fire place with brick or tile mantel in each of the living rooms. Exterior of the building will be covered with shingles and black veneer base. Plans are complete and figure are being taken.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, James F. Long, 299 Acadia St., S. F. The building will be erected on the south side of 25th street west of Colma, covering an area of 24x58 feet. Plans have been arranged for three flats of five and six rooms with baths. Interior finish will be of pine throughout except in the living and dining rooms where elm panels will be used. There will be open fire places and stock mantels. Tile will be used in the bath rooms and kitchens. Entrances will be finished in tile and terrazzo. Exterior of the building will be covered with rustic, shiplap and black veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

GARAGE—1 story and base, brick and steel, \$20,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt

Bank Bldg., S. F. Owners, D. Samuels Realty Co. This building, which is to be erected on the south side of Post street west of Jones, has been mentioned here before. The structure will cover an area of 77½x137½ feet. Front portion of the building will be used as an office and balance of the structure for storage space and repair shop. There will be steel roof trusses, cement floor and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Engineer L. M. Hausman, Nevada Bank Bldg., will be in charge of the work.

CONCRETE ABUTMENTS — \$8,500. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing concrete abutments under the Southern Pacific Co.'s tracks at Santa Rosa avenue show Otto Rehnogel low at \$8,587. A complete list of these bids will be found under the heading of San Francisco in this issue.

MAGAZINE BUILDINGS—Reinforced concrete construction, \$120,000. Pearl Harbor, Hawaii. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans for a number of reinforced concrete magazine buildings, which are to be erected at Pearl Harbor, have been completed and approved. Bids will be opened by the Bureau of Yards and Docks in Washington on September 20th. Plans can be secured from either the Bureau or from the Commandant at Pearl Harbor. An official proposal appears in another column of this issue.

HOTEL—5 story and base, reinforced concrete, \$80,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owners, Vayssie Bros. The building will be erected at the corner of Seventh and Stevenson streets, covering an area of 75 feet square. There will be five stores besides the hotel entrance on the first floor. Upper floors will be divided into 100 guest rooms and a number of public and private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. There will be metal window sash and frames. Patent store fronts and sidewalk doors and lights are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL—7 story and base, brick and steel, \$60,000. San Francisco. Architect, A. J. Barnett, 383 California St., S. F. Owners, Zellerbach and Levison. This building was mentioned here sometime ago under another architect's name. The structure will be erected on Turk street east of Mason and will cover an area of 34 feet 4½ inch by 137½ feet. There will be one store on the first floor besides the hotel lobby. Upper floors will contain in the neighborhood of 100 rooms and a number of public and private baths. Interior finish will be largely of pine with some elm panels and ornamented plaster in the lobby. There will be steam heat, elevator service and hot

water plant. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. There will be patent store fronts, sidewalk lights and metal window sash and frames. Plans are complete and construction will be carried out by Theo. Hoin, 1449 Hyde street.

HOTEL AND STORES—3 story and base, brick and steel. Cost not stated. San Francisco. Architects, Shea & Lofquist, 550 Montgomery St., S. F. Owners, Mary C. and Joseph B. Kennedy. The building will be erected at the southwest corner of Ellis and Larkin streets, covering an area of 48x87½ feet. There will be stores on the first floor and a number of single rooms and baths on the upper floors. Plans provide for steam heat and elevator service. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Stores will have large display windows in patent fronts. Plans are being prepared and contracts will be let shortly.

RESIDENCES—3, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on 10th and 15th avenues north of Clement street. Each house has been designed to contain six rooms and bath. Interior finish will be of pine throughout with some hardwood floors. All living rooms will have a large open fire place with brick or tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic shingles and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

STORES AND OFFICES—20 story and base. Class A construction. Cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, John D. Spreckels. The architects have detail plans completed for the new Call Building which is to be erected at the southeast corner of Fourth and Market streets. Probably the most interesting announcement in this connection is the statement that these plans call for a 20-story structure instead of 25 stories as was first announced. Moulds for the terra cotta work are now being made and steel is being fabricated. One lease on the premises runs until December 1st of this year and actual construction will start next morning.

SAFETY STATION REMOVAL AND RECONSTRUCTION—Cost not stated. San Francisco. Architect, City Architectural Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids are now being called for the removal and reconstruction of the safety station at the gore corner of Market and Ellis streets. Bids will be opened on August 27th. Plans and specifications can be secured on application to the Board of Public Works. An official proposal appears in this issue.

Contracts Awarded.

HOTEL—5 story and base, reinforced concrete, \$40,000. San Francisco. Architects, MacDonald & Kahn, Holbrook Bldg., S. F. Owner, H. Baker

fisher. Contractors, MacDonald & Kahn, Kialto Bldg., S. F. Contract price, \$10,000

City Bids Opened.

Bids Opened For Concrete Abutment Under Southern Pacific Tracks at Santa Rosa Avenue.

Bids opened by the Board of Public Works at their meeting on Wednesday show Otto Rechnogel low for the construction of concrete abutment under the Southern Pacific tracks at Santa Rosa avenue. The low man's bid was for \$8,587. Following is a complete list of all figures submitted:

Concrete Abutments.

Robert C. Storie Co.....	\$ 8,700
James L. McLaughlin.....	10,118
Monson Bros.....	9,887
Healy, Tibbitts Constr. Co.,	11,780
T. W. McClenahan.....	9,250
Otto Rechnogel.....	8,587
Edward O'Malley.....	11,500

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
2913	Scott	Hayes	5000
2914	Sommers	Swan	1600
2915	Campbell	Brutt	1500
2916	Windler	Windler	800
2917	Ford	Ford	2000
2918	Bjorkman	Bjorkman	1700
2919	Powers	McAdams	1600
2920	Juvenile	Federal	1000
2921	Dematei	Cavaglia	5800
2922	Gardner	Klahn	1000
2923	Young	Young	500
2924	Sharon	Sharon	1000
2925	McCarthy	McCarthy	2750
2926	Brayshaw	Trace	1500
2927	Harang	Savage	2000
2928	Lindberg	Heeler	1400
2929	Tyson	Evans	2700
2930	Hamill	Hamill	2700
2931	Donzel	Moore	7717
2932	Sexton	Hansen	3750
2933	Oyster	Loat	750
2934	Pope	Talbot	2500
2935	Cary	Cary	7000
2936	Hildebrand	Hildebrand	7000
2937	Weber	Weber	1600
2938	Janssen	Janssen	5000
2939	Keenan	Keenan	7000
2940	Marsicano	Marsicano	75000
2941	McKillop	McKillop	24000
2942	Ward	Ward	15000
2943	Dickman	Wehrle	600
2944	Meads	Glaser	750
2945	Hjul	Hjul	125000
2946	Kelly	Kelly	3000
2947	Curtin	Curtin	15000
2948	Hind	Butcher	11000
2949	Same	Van Emon	5161
2950	Gherini	Ratto	7900
2951	Sandegren	Parkside	3800
2952	Torre	Cavaglia	1485
2953	Demattei	Cavaglia	5800
2954	Halvorsen	Dybdal	2500
2955	Union League	Wacker	1116
2956	Sherman	Thunberg	1860
2957	Soblosky	Sullivan	2500
2958	Kohn	Kress	3900
2959	Long	Long	600
2960	Union Iron	Dry	7500
2961	McDiarmid	Owner	600
2962	Kopfer	Kopfer	400
2963	Anderson	Anderson	500
2964	Crocker	Crocker	500
2965	Bellet	Barneoul	400
2966	Romonda	Sciocchetti	500
2967	Merritt	Merritt	500
2968	Cupo	Pagano	400
2969	Anderson	Anderson	5000
2970	Nottter	Brown	500
2971	Rhrman	Vezina	18675
2972	Same	Lyden	6150
2973	Same	Petersen	1912
2974	Same	Sutton	1580
2975	Same	Grapen	2525
2976	Schleicher	Peteren	7931
2977	Same	Huges	1200
2978	Moore	Butte	1834
2979	Pat G & E	Kaufman	655
2980	Sutro	Looney	2726
2981	Sutro	Hahnemann	2614
2982	Demartini	Demartini	400

2983	Rosenberg	Stromswald	400
2984	Keeleher	Keeleher	400
2985	Cardinale	Masarie	1600
2986	Cuneo	Cavaglia	500
2987	Brehm	Ohlsen	500
2988	Veggis	Veggis	400
2989	Behlow	Novelty	400
2990	Antonopoulos	Megas	150
2991	Madden	Averill	500
2992	Molinia	Guisseppi	400
2993	Borel	Fee	500
2994	Dunne	Brunswick	450
2995	Collins	Dutton	400
2996	Guzendörfer	Brumfield	500
2997	Penzner	Johnson	10000
2998	Lippincott	Ploeger	2620
2999	Crocker Hotel	Comin	1975
3000	Same	Rudgear	14000
3001	Crane	Farrell	5100
3002	Same	Goerick	6500
3003	Bos	Bosch	2100
3004	Metro Laundry	Owner	850
3005	Tait	Olson	700
3006	Smith	Smith	700
3007	Caru	Caru	1000
3012	Donovan	Donovan	400
3009	Marsh	McAbee	1000
3010	Billington	Ploeger	600
3011	Pockwitz	McLaughlin	500
3012	Porter	Martin	600
3013	Pockman	Pockman	3000
3014	Mohr	Sarraile	8300
3015	Gotteli	Devincenzi	6100

(2913) W STOCKTON 100 N Sutter. Alter lobby and install marble stairs. Owner.....Scott Van Arsdale Co., Crocker Bldg., S. F. Architect...E. T. Foulkes, 1118 Crocker Bldg., San Francisco. Contractor...Hayes & Schmidt, Call Bldg., San Francisco. COST, \$5000

(2914) NO. 600 MARKET. Erect three roof signs. Owner.....Sommers & Herts, 362 Geary, San Francisco. Architect...None. Contractor...Swan "The Painter," 754 Colson, San Francisco. COST, \$1600

(2915) W NEWTON 57 7-10 51 S Rolph. One-story and basement frame dwlg. Owner.....Campbell & Brutt, 768 17th Ave., San Francisco. Architect...None. Day's work COST, \$1500

(2916) NW HOOPER AND EIGHTH. Two-story frame store room. Owner.....G. Windler, 41 South Park, San Francisco. Architect...None. Day's work COST, \$800

(2917) NO. 1620 BROADWAY. Alter and repair residence. Owner.....Mrs. A. B. Ford, 2513 Broadway, San Francisco. Architect...None. Day's work COST, \$2000

(2918) W WORTH 168 N 22nd. One and one-half-story and basement frame dwelling. Owner.....John Bjorkman, 4071 23rd, San Francisco. Architect...None. Day's work COST, \$1700

(2919) E VIENNA 50 N Russia. One-story and basement frame dwelling. Owner.....P. Powers, Russia and Vienna, San Francisco. Architect...None. Contractor...A. McAdams, 632 Vienna, San Francisco. COST, \$1600

(2920) NO. 130 GRANT AVE. Electric sign. Owner.....The Juvenile, Premises. Architect...None.

Contractor...Federal Elec. Sign Co., 257 8th, San Francisco. COST, \$1000

(2921) S NINETEENTH 260 E Dolores. Three-story and basement frame (3) flats. Owner.....D. Dematei, 3671 19th, San Francisco. Architect...None. Contractor...N. Cavaglia, 946 Greenwich, San Francisco. COST, \$5800

(2922) NO. 1050 BRODERICK. Add to flats. Owner.....J. Gardner, 714 Market, San Francisco. Architect...A. Klahn. Contractor...A. Klahn, 27 Chenery, S. F. COST, \$1000

(2923) SE SAN BRUNO AND THORNTON. Repair front, roof and floor. Owner.....L. H. Young, 2598 San Bruno Ave., San Francisco. Architect...None. Day's work. COST, \$500

(2924) N POPE 341 W MORSE. One-story and basement frame dwelling. Owner.....Millie Sharon, 271 Paris, San Francisco. Architect...None. Day's work. COST, \$1000

(2925) E THIRTEENTH AVE 250 S Irving. Two-story and basement frame dwelling. Owner.....F. McCarthy, 670 Noe, S. F. Architect...None. Contractor...John E. McCarthy, Anglo Bldg., San Francisco. COST, \$2750

(2926) S BRUCE 50 E Harold 25x100. All work for 4-room frame cottage. Owner.....Jos. H. Brayshaw, 1617-B Dolores, San Francisco. Architect...Y. M. Trace. Contractor...Verne M. Trace, 1190 Haight, San Francisco. Filed Aug. 11, '13. Dated July 31, '13. Frame up\$375 Brown coated 375 House done 375 Usual 35 days..... 375 TOTAL COST, \$1500 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2927) E SAN BRUNO AVE 200 N 22nd N 25x E 100. All work for one and one-half-story frame residence. Owner.....John Harang. Architect...Plans by Contractor. Contractor...W. A. Savage, 1222 12th Ave., San Francisco. Filed Aug. 11, '13. Dated Aug. 9, '13. Frame up\$500 Brown coated 500 Completed 500 Usual 35 days.....\$500 TOTAL COST, \$2000 Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2928) LOTS 9 AND 10 BLK 35 Reis Tract, being W Cowden 200 S Markness. All work except outside painting and porches for one-story cottage. Owner.....Jno. E. and Annie S. Lindberg, 39 Cowden, S. F. Architect...None. Contractor...A. H. Wheeler, 712 Montgomery, San Francisco. Filed Aug. 11, '13. Dated July 31, '13.

Frame up\$350
Brown coated 350
Completed 350
Usual 35 days..... 350
TOTAL COST, \$1400
Bond, \$700. Sureties, A. Bisotti, V. Paterng and Antone Pantoleons. Limit, 60 days. Forfeited, none. Plans and specifications filed.

(2929) E CHENERY —; Lot 4 Blk 7, Fairmount Tract. All work for one and one-half-story frame residence. Owner.....John J. and Mary Tyson. Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...O. E. Evans, 2367 Mission, San Francisco.

Filed Aug. 11, '13. Dated July 31, '13.
Rafters on\$450
Brown coated 450
Completed and accepted..... 450
Usual 35 days..... 450
Balance in monthly installments not less than \$14.50 per month secured by mortgage of..... 300
TOTAL COST, \$2700
Bond, none. Limit, 75 days. Forfeited, none. Plans and specifications filed.

(2930) E TWENTY-FIRST AVE 225 N Anza N 25xE 120. All work for one and one-half-story frame residence. Owner.....Margaret Hamill, 268 25th Ave., San Francisco.
Architect...None.
Contractor...Thos. Hamill, 268 25th Ave San Francisco.

Filed Aug. 11, '13. Dated Aug. 4, '13.
TOTAL COST, \$2700
Bond, none. Limit, 60 days. Forfeited, none. Plans and specifications, none. NOTE:—1st report Aug. 9. No. 2886.

(2931) SW EMBARCADERO & PACIFIC W 146½ S 75 E 32-5¼ NW 39-3¼. All work for two-story and basement reinforced concrete store and loft building. Owner.....A. J. & David Donzel, 19th and Harrison, S. F.
Architect...J. E. Kraft & Sons, Phelan Bldg., S. F.
Contractor...C. P. Moore Bldg. Co., Sharon Bldg, S. F.

Filed Aug. 11, '13. Dated Aug. 4, '13.
1st floor joists laid and entire basement floor finished.....\$1717
Reinforced concrete done and roof laid 2000
Completed and accepted..... 2000
36 days after..... 2000
TOTAL COST, \$7717
Bond, \$3860. Surety, Fidelity & Deposit Co. of Maryland. Limit, Nov. 19. Forfeited, none. Plans and specifications filed.

(2932) LOT 44 BLK "D" Sunset Heights 25x80 425 S of S Parnassus. All work for two-story frame residence. Owner.....F. S. Sexton, 171 Parnassus Ave., San Francisco.
Architect...Chas. Paff & Co., Merchants' Exchange Bldg., San Francisco.
Contractor...P. Hansen.

Filed Aug. 11, '13. Dated Aug. 11, '13.
Foundation and retaining walls completed\$937 50
Enclosed, roofed & rough plumbing in and brown coated..... 937 50
Completed and accepted..... 937 50
Usual 35 days..... 937 50
TOTAL COST, \$2750 00
Bond, \$1875. Sureties, R. Glaze and N.

F. Nielsen. Limit, 60 days. Forfeited, \$250. Plans and specifications filed.

(2933) N MARKET 200 W Powell. General repairs to saloon. Owner.....Oyster Loaf Bar Co., 927 Market, San Francisco.
Architect...B. R. Christensen, 406 Grant Bldg., S. F.
Contractor...John Doe, 406 Grant Bldg., San Francisco.

COST, \$750

(2934) V EMBARCADERO 45-10 N Howard. Install partitions and light wells in lodgings. Owner.....Pope & Talbot Land Co., Care Architect.
Owner.....O'Brien & Werner, 68 Post, San Francisco.

Day's work. COST, \$2500

(2935) E LARKIN 137-6 N Jackson. Three-story and basement frame (6) flats. Owner.....W. M. Cary, 930 Chestnut, San Francisco.
Architect...None.
Day's work. COST, \$7000

(2936) W LARKIN 72-6 N Union. Three-story and basement frame (6) flats. Owner.....E. Hildebrand, 1118 Crocker Bldg., San Francisco.
Architect...E. H. Hildebrand, Crocker Bldg., San Francisco.

Day's work. COST, \$7000

(2937) E CHERRY 225 S Charles. One-story and basement frame dwlg. Owner.....Marie Weber, 839 Phelan Bldg., San Francisco.
Architect...Arthur G. Schloz, 839 Phelan Bldg., San Francisco.
Day's work. COST, \$1000

(2938) NW EIGHTEENTH & PENNSYLVANIA. Three-story and basement frame (6) apartments. Owner.....E. Janssen, Hearst Bldg., San Francisco.
Architect...H. C. Bauman, Chronicle Bldg., San Francisco.
Contractor...E. A. Janssen, Hearst Bldg., San Francisco.
COST, \$8000

(2939) SW GROVE AND CENTRAL Ave. Three-story and basement frame (6) flats. Owner.....C. J. and W. J. Keenan, 300 Webster, San Francisco.
Architect...None.
Day's work. COST, \$7000

(2940) SW BROADWAY & GRANT Ave. Three-story and basement brick hotel. Owner.....Mary Marsicano, 781 Green San Francisco.
Architect...None.
Day's work. COST, \$75,000

(2941) W TAYLOR 75 N Clay. Three story and basement frame (21) apartments. Owner.....McKillop Bros., 540 Cole, San Francisco.
Architect...None.
Day's work. COST, \$24,000

(2942) SE BROADWAY & LEAVENWORTH. Three-story frame (9) apartments. Owner.....A. W. Ward, 405 Columbus Ave., San Francisco.
Architect...None.

Day's work. COST, \$15,000

(2943) NO. 3341 FILLMORE. One-story frame store. Owner.....B. Dickman, 3345 Fillmore, San Francisco.
Architect...None.
Contractor...W. H. Wehrle, 1051 Peralta Ave., Berkeley.
COST, \$600

(2944) NO. 159 THIRD. Install brick bake oven. Owner.....Meads Co., 510 Stevenson, San Francisco.
Architect...None.
Contractor...J. P. Glaser & Co., 2070 Union, San Francisco.
Cost, \$750

(2945) S SUTTER 206 W Jones. Six-story and basement brick (54) apartments. Owner.....J. W. Hjul, Merchants' Exchange Bldg., S. F.
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Day's work. COST, \$125,000

(2946) NO. 367 FIFTH. Alter and add to lodging house and stores. Owner.....M. J. Kelly, Premises.
Architect...None.
Day's work. COST, \$3000

(2947) NE CASTRO AND TWENTY-fourth. Three-story and basement frame (12) apartments. Owner.....D. Curtin, 4040 24th, S. F.
Architect...None.
Day's work. COST, \$15,000

(2948) N CALIFORNIA 77-6 W Front W 60-8½xN 127-6. Granite (except curb) terra cotta and brick work for six-story and basement brick loft building. Owner.....The Hind Estate Co., 310 California, San Francisco.
Architect...John Reid Jr., Chronicle Bldg., San Francisco.
Contractor...Butcher & Hadley, 180 Jessie, San Francisco.
Filed Aug. 12, '13. Dated July 24, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$11,000
Bond, \$5500. Surety, The Aetna Accident & Liability Co. Limit, 40 days after delivery of terra cotta. Forfeited, \$10. Plans and specifications, none.

(2949) TWO WORM GEAR ELECTRIC passenger elevators on above. Contractor...Van Emon Elevator Co., Inc., 60 Natoma, S. F.
Filed Aug. 12, '13. Dated June 3, '13.
On delivery of engine..... ½
Engine in position..... ¼
When completed ¼
TOTAL COST, \$5161
Bond, limit, forfeited, none. Specifications only filed.

(2950) SW GUERRERO & CUMBERLAND S 57-6xW 76. All work for alterations and additions to three-story frame flat building into apartments. Owner.....A. Gherini, 306 San Jose Ave., San Francisco.
Architect...Oliver Everett, 1940 Webster, San Francisco.
Contractor...Itatto & Giannini, 232 Hartford, San Francisco.
Filed Aug. 12, '13. Dated Aug. 11, '13.
Ready for plaster.....\$1975

Wednesday, Aug. 20, 1913.

BUILDING AND INDUSTRIAL NEWS

Inside finish on..... 1975
Completed and accepted..... 1975
Usual 35 days..... 1975
TOTAL COST, \$7900
Bond, \$4000. Sureties, G. Ratto and E. V. Lacy. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

(2951) W COLE 50-9% N Carmel N 25-1xW 100 WA 884. Grading, foundations, carpenter, mill, plaster, painting, wiring and plumbing for two-story frame residence.

Owner.....Chas. A. and Anna A. Sandegren, 114 Webster, San Francisco.

Architect...J. M. Geary, 23rd and Folsom, San Francisco.

Contractor..Parkside Home Bldg. Co., 408 Crocker Bldg., S. F.

Filed Aug. 12, '13. Dated Aug. 8, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3800

Bond, \$2000. Sureties, Edwin Schwab, Wm. Trebell and L. V. Riddle. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(2952) N GREENWICH 137-6 E Jones E 22-10xN 137-6. All work except shades and gas fixtures for two-story and basement frame flats.

Owner.....Giovanni Battista Torre, 648 Guerrero, San Francisco

Architect...Owner.

Contractor..Norio Cavaglia, 946 Greenwich, San Francisco.

Filed Aug. 12, '13. Dated Aug. 11, '13.
Frame up 1120
Brown coated 1120
Completed and accepted..... 1120
Usual 35 days..... 1120
TOTAL COST, \$4485

Bond, none. Limit, 90 days from granting permit. Forfeit, none. Plans and specifications filed.

(2953) S NINETEENTH 260 E Dolores E 25xS 114 MB 77. All work for three story and basement frame flats.

Owner.....Domenico Dematteli, 3671 19th, San Francisco.

Architect...None.

Contractor..Norio Cavaglia, 946 Greenwich, San Francisco.

Filed Aug. 12, '13. Dated Aug. 11, '13.
Frame up \$1450
Brown coated 1450
Completed and accepted..... 1450
Usual 35 days..... 1450
TOTAL COST, \$5800

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—First report Aug. 12, No. 2921

(2954) SE ARLINGTON 125 SW Mateo SW 25xSE 100 Ptn Bk 8, Fairmount Tract. All work for two-story frame residence.

Owner.....John Halvorsen.

Architect...None.

Contractor..John T. Dybdal, 202 Anderson, San Francisco.

Filed Aug. 13, '13. Dated Aug. 13, '13.
Frame up \$625
Brown coated 625
Completed 625
30 days after..... 625
TOTAL COST, \$2500

Bond, none Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2955) SW POWELL & O'FARRILL. Tinting and painting for club rooms.

Owner.....The Union League Club.

Architect...Leon H. Smith.

Contractor...A. C. Wocker, 1370 Sutter,

San Francisco.

Filed Aug. 13, '13. Dated Aug. 12, '13.
On completion \$332 50

Usual 35 days..... 277 50
TOTAL COST, \$1110 00

Bond, \$555. Surety, National Surety Co. Limit, forfeit, none. Specifications only filed.

(2956) W FIFTEENTH AVE 225 S Anza 25x127-6. All work except labor and materials for interior finish painting and finish hardware for two-story and basement frame residence.

Owner.....Robt. R. Sherman, 311 Balboa, San Francisco.

Architect...None

Contractor..Oscar W. Thunberg, 678 9th Ave., San Francisco

Filed Aug. 13, '13. Dated Aug. 13, '13.
Frame up \$490
Brown coated 490
Completed and accepted..... 490
Usual 35 days..... 490
TOTAL COST, \$1960

Bond, none. Limit, 45 days. Forfeit, \$250. Plans and specifications filed.

(2957) W STOCKTON 137-6 J Sutter N 59-6xW 60. Holding up ground in the rear and interior of Natalia Apartments.

Owner.....Dr Julius Soboslay, 670 Fulton, San Francisco.

Architect...Lewis M. Gardner, 740 Phelan Bldg., S. F.

Agents...Rainey & Phillips, 130 Jessie San Francisco.

Contractor..D. J. & T. Sullivan, 1942 Folsom, San Francisco.

Filed Aug. 13, '13. Dated July —, '13.
Contractors to receive from owner net amount of all bills for labor and in addition to pay 90% of said net amount as compensation for material furnished and commissions in full.....
Said payments to be made on 1st and 15th of each month.....
TOTAL COST not to exceed \$2600

Bond, \$1950. Sureties, Geo. T. Gale and J. W. Smith. Limit, forfeit, none. Plans and specifications filed.

(2958) SE EDDY AND DEVISADERO S 107-6x E 30. All work except plumbing, painting, shades, light fixtures and mantels for two-story and basement frame building and additions to present building.

Owner.....C. F. Kohn, 1203 Turk, S F

Architect...E. A. Neumarkel, 948 Market, San Francisco.

Contractor...S. B. Kress, 2039 Green, San Francisco.

Filed Aug. 13, '13. Dated Aug. 13, '13.
Frame up and alterations done for 2nd store \$975
White coated 975
Completed and accepted..... 975
Usual 35 days..... 975
TOTAL COST, \$3900

Bond, \$2000. Sureties, Wm. Camp and Adolf Hennings. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(2959) S TWENTY-FIFTH 206-6 W Church. Three-story and basement frame (3) flats.

Owner.....James F. Long

Architect...None.

Day's work. COST, \$6000

(2960) MICHIGAN AND 20TH STS. One-story concrete gate house and fence.

Owner.....Union Iron Works, Potrero
Architect...Chas. Peter Weeks, Mutual Bank Bldg., S. F.
Contractor..Thos. Day's Sons, Monadnock Bldg., S. F.
COST, \$7500

(2961) E MOULTRIE 75 N Powhattan. One-story and basement frame dwlg.

Owner.....W. G. McDiarmid, 56 Ellsworth, San Francisco.

Architect...None.

Day's work. COST, \$600

(2962) NO. 31 MILTON. Repair fire damage.

Owner.....M. E. Kopfer, Premises.

Architect...None.

Day's work. COST, \$400

(2963) NO. 1140 FAIRFAX AVE. Add 2 rooms, brick foundation & shingle roof.

Owner.....Peter Anderson, 1150 Fairfax Ave., San Francisco.

Architect...None.

Day's work. COST, \$600

(2964) SW BUSH & MONTGOMERY. Concrete bulkhead.

Owner.....Crocker Estate Co., 525 Crocker Bldg., S. F.

Architect...None.

Day's work. COST, \$500

(2965) NO. 1159 OAK. Alter rear of store, repair porch, paper hanging and painting.

Owner.....Alex. Beilet, 739 Laguna, San Francisco.

Architect...None.

Contractor..Jerome Barneoni, 3354 Steiner, San Francisco.

COST, \$400

(2966) NO. 3212 INGALLS. Add two rooms, new foundation and cement floor.

Owner.....G. Ramonda, Premises.

Architect...None.

Contractor..T. Sciocchetti, 3315 Jennings, San Francisco.

COST, \$500

(2967) NO. 15 PERSIDIO TERRACE. Plaster front and rebuild veranda.

Owner.....J. E. Merrit, Premises.

Architect...None.

Day's work. COST, \$500

(2968) NOS. 365-67 BAY. Raise store and alter front.

Owner.....J. Cuneo.

Achitect...None.

Contacto..B. Pagano, 48 Allen, S. F.

COST, \$400

(2969) W TWENTY-EIGHTH 267 W Noe. One-story and basement frame dwelling.

Owner.....C. Anderson, 18th & Sanchez, San Francisco.

Architect...None.

Day's work. COST, \$1000

(2970) NO. 333 CUMBERLAND. Raise front, underpin and add concrete foundation to dwelling.

Owner.....James Notter, Premises.

Architect...None.

Contractor..J. C. Brown, 172 Caselli Ave., San Francisco.

COST, \$500

(2971) N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/4 SE 1-6 1/2 W 21-1 1/4 S 136. Carpenter, brick and ornamental iron work for two-story residence.

Owner.....Albert L. Ehrman, 2710 Broadway, San Francisco.
 Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...Cavanagh & Vezina, 180 Jessie, San Francisco.

Filed Aug. 14, '13. Dated Aug. 4, '13.
 On 15th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$18,675

Bond, \$9500. Sureties, D. O. Druffel & Fred H. Beaver. Limit, Jan. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(2972) LATHING AND PLASTERING on above.

Contractor...Lyden & Bickel, 269 Fell, San Francisco.

Filed Aug. 14, '13. Dated Aug. 4, '13.
 Payments same as above.....

TOTAL COST, \$6150
 Bond, \$2075. Surety, Fidelity & Deposit Co. of Maryland. Limit, Jan. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(2973) PLUMBING ON ABOVE.

Contractor...Petersen-James Co., Inc., 710 Larkin, San Francisco

Filed Aug. 14, '13. Dated Aug. 5, '13.
 Payments same as above.....

TOTAL COST, \$1943
 Bond, \$1000. Surety, National Surety Co. Limit, Jan. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(2974) HEATING AND VENTILATING on above.

Contractor...John G. Sutton Co., 243 Minna, San Francisco.

Filed Aug. 14, '13. Dated Aug. 5, '13.
 Payments same as above.....

TOTAL COST, \$1550
 Bond, \$800. Sureties, John G. Sutton and H. M. Van Pelt. Limit, Jan. 13, 1914. Forfeit, \$10. Plans and specifications filed.

(2975) PAINTING ON ABOVE.

Contractor...Harry G. Graper, 50 Farren Ave., San Francisco.

Filed Aug. 14, '13. Dated Aug. 7, '13.
 Payments same as above.....

TOTAL COST, \$2525
 Bond, \$1275. Surety, Massachusetts Bonding & Insurance Co. Limit, Jan. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(2976) N GEARY 137-6 E Larkin 47-6 x137-6. Sewering, plumbing, gas fitting and heating for six-story frame apartment building.

Owner.....A. F. Schleicher.
 Architect...Dunn & Kearns, Monadnock Bldg., S. F.

Contractor...Petersen-James Co., 710 Larkin, San Francisco.

Filed Aug. 14, '13. Dated July 23, '13.

Plumbing and heating roughed to 3rd floor.....\$1983

Plumbing and heating roughed in 1983

Finished and accepted..... 1983

Usual 35 days..... 1983

TOTAL COST, \$7931

Bond, \$3970. Sureties, R. W. Kinney and J. H. Wright. Limit, 20 days from July 23 to complete roughing in. Forfeit, \$10. Specifications only filed.

(2977) GALVANIZED IRON OF BAY windows, coolers, course of dome and general skylights, lining of dumb waiter hatch, balcony in second story,

leaders and all necessary flashing on above.

Contractor...H. J. Hughes, 1500 Guerrero, San Francisco.

Filed Aug. 14, '13. Dated Aug. 6, '13.

On 1st and 15th of each month 75%
 Usual 35 days..... 25%

TOTAL COST, \$1300

Bond, none. Limit, as fast as possible.

Forfeit, none. Plans and specifications, none.

(2978) W SECOND 100 to 150 N Townsend. Electric wiring for power, light, signal and telephone service.

Owner.....Moore Investment Co.
 Engineer...Leland S. Rosener, Merchants' Exchange Bldg., San Francisco.

Contractor...Butte Eng. & Elec. Co., 683 Howard, San Francisco.

Filed Aug. 14, '13. Dated Aug. 8, '13.

On 1st of each month..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$1834

Bond, none. Limit, 18 days. Forfeit, none. Plans and specifications filed.

(2979) NW JESSIE 225 SW Third SW 55 NW 80 NE 5 NW 70 NE 50 SE 150.

Alterations and additions to old garage.

Owner.....Pacific Gas & Elec. Co., 425 Sutter, San Francisco.

Architect...None.

Contractor...Kaufman & Edwards, 216 Pine, San Francisco.

Filed Aug. 14, '13. Dated Aug. 9, '13.

Upon completion 75%

Usual 35 days..... 25%

TOTAL COST, \$655

Bond, \$327.50. Surety, Pacific Coast Casualty Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(2980) S PINE 137-6 E Leavenworth E 37-6xS 137-6. Plumbing, sewerage, gas piping, water piping and vacuum cleaner piping for three-story frame with basement and sub basement apartments.

Owner.....Clara K. and Adolphine Suro

Architect...Frank S. Holland, 100 Haight, San Francisco.

Contractor...The J. Looney Co., 85 City Hall Ave., San Francisco.

Filed Aug. 14, '13. Dated Aug. 14, '13.

Plumbing and piping roughed in\$1022

Completed and accepted..... 1022

Usual 35 days..... 682

TOTAL COST, \$2726

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications filed.

(2981) ALL WORK EXCEPT PLUMBING, sewerage, gas piping, water piping, vacuum cleaner piping and light fixtures on above.

Contractor...J. S. Hannah, 507 Williams Bldg., San Francisco.

Filed Aug. 14, '13. Dated Aug. 14, '13.

1st story joists in place.....\$5022

Frame up and braced and rustic and roof boards on..... 5022

Brown coated 5022

Completed and accepted..... 5022

Usual 35 days..... 6696

TOTAL COST, \$26,784

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2982) NE MONTGOMERY & GROVER Place. Rebuild section of retaining wall.

Owner.....L. Demartini, 125 Clay, San Francisco.

Architect...Righetti & Headman, Pheasant Bldg., San Francisco.

Day's work. **COST, \$400**

(2983) N SILVER 75 W Barnewald. General repairs to dwelling.

Owner.....J. Rosenberg, 1160 Silver Ave., San Francisco.

Architect...None.

Contractor...J. C. Stromswald, 315 Hale San Francisco.

COST, \$400

(2984) NO. 450 TWENTY-FIFTH AVE One-story frame stable.

Owner.....M. J. Kelleher, Premises.

Architect...None.

Day's work. **COST, \$400**

(2985) NO. 848 ARKANSAS. One-story and basement frame dwlg.

Owner.....Flo. Cardinale.

Architect...None.

Contractor...V. M. Masarie, 1121 Wisconsin, San Francisco.

COST, \$1000

(2986) NO. 325 BRYANT. Raise, underpin and add to flats.

Owner.....G. Cueno, Premises.

Architect...None.

Contractor...M. Cavaglia, 946 Greenwich, San Francisco.

COST, \$500

(2987) W FLORIDA 200 S 21st. One-story and basement frame dwelling.

Owner.....Wm. Brehm, 934 Florida, San Francisco.

Architect...None.

Contractor...H. J. Ohlsen, 2869 Harrison, San Francisco.

COST, \$500

(2988) NO. 364 THIRTIETH. Alter residence.

Owner.....Mr. Veggis, Premises.

Architect...None.

Day's work. **COST, \$400**

(2989) NO. 205 MONTGOMERY. Electric sign.

Owner.....Behlow Estate Co., Prem.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$400

(2990) N SLOAT BOULEVARD 50 E 49th Ave. One-story frame lunch room.

Owner.....Peter Antonopoulos, 3265 19th, San Francisco.

Architect...None.

Contractor...Peter Megias, 3676 19th, San Francisco.

COST, \$500

(2991) NO. 1001 LARKIN. Repair and alter front.

Owner.....M. B. Madden, Premises.

Architect...None.

Contractor...S. H. Averill, 471 Jessie, San Francisco.

COST, \$500

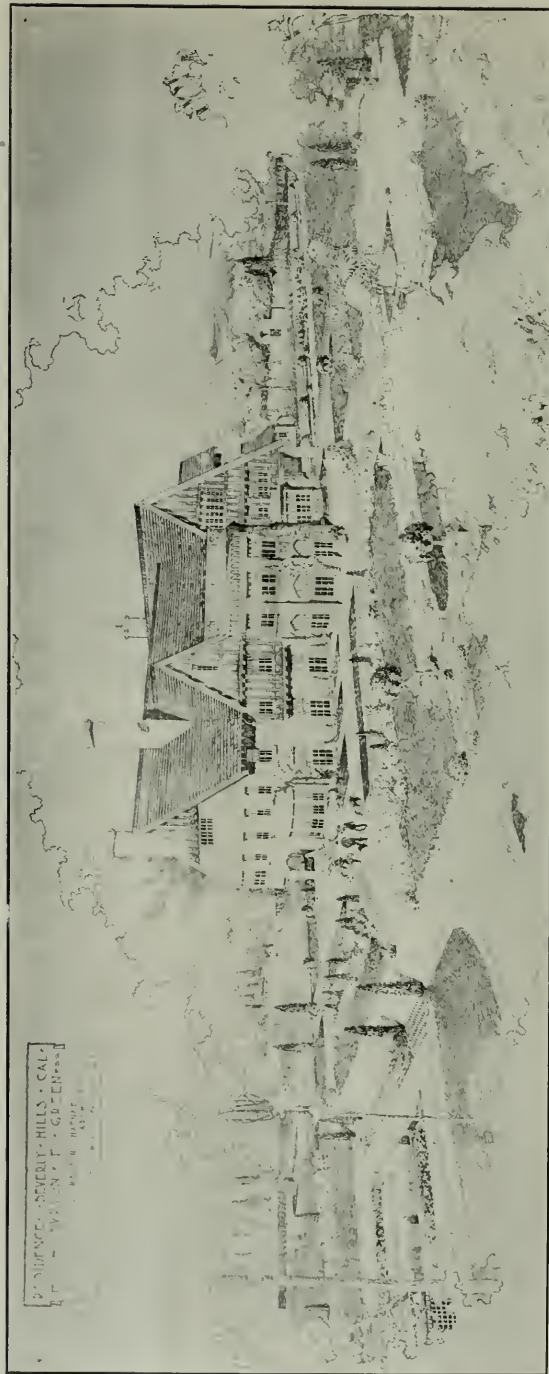
(2992) SE PARIS 125 NE PERISA. Raise and alter dwelling.

Owner.....Guiseppi & Molinia et al, — Persia Ave., S. F.

Architect...D. Delucchi, — Thornton Ave., San Francisco.

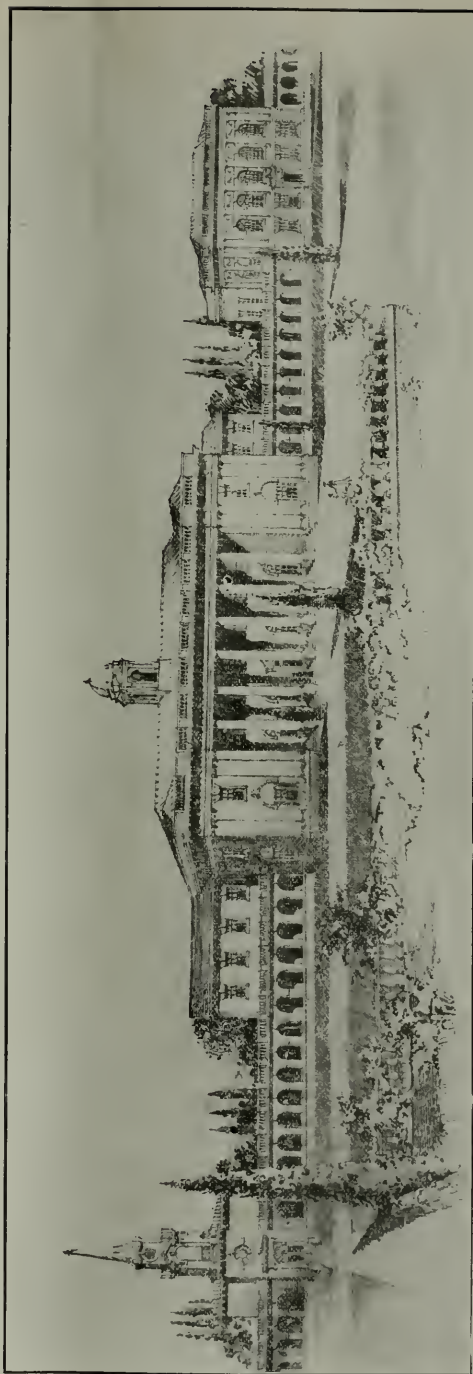
Day's work. **COST, \$400**

(2993) NO. 440 MONTGOMERY. Erect retaining wall.



RESIDENCE IN BEVERLY HILLS FOR BURTON E. GREEN, ESO.
Los Angeles, Cal

J. Martyn Haenke, Architect
Los Angeles



PROPOSED CANFIELD HOME FOR GIRLS
Near Whittier, Cal.

J. Martyn Haenke & W. J. Dodd, Architects
Los Angeles



Wednesday, Aug. 20, 1913.

BUILDING AND INDUSTRIAL NEWS

- Owner.....A. Borel & Co., Premises.
Architect...Albert Pissis, Flood Bldg.,
San Francisco.
Contractor...Grant Fee, 2440 16th, S. F.
COST, \$500
- (2994) NE STOCKTON AND ELLIS.
Alter front and extend floor.
Owner.....J. Dunne, Premises.
Architect...None.
Contractor...Brunswick, Balke, Colle-
der, 765 Mission, S. F.
COST, \$450
- (2995) NO. 906 MARKET. Alter front
Owner.....C. J. Collins, Premises.
Architect...None.
Contractor...L. J. Dutton, 904 O'Farrell,
San Francisco.
COST, \$400
- (2996) NE POWELL & O'FARRELL.
Electric sign.
Owner.....A. Guzendorfer, Premises.
Architect...None.
Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$500
- (2997) S GREEN 77-6 E Montgomery
Three-story and basement frame (12)
apartments.
Owner.....A. Penziner, 2981 26th,
San Francisco.
Architect...None.
Contractor...Johnson & Hatland, 1513
Church, San Francisco.
COST, \$10,000
- (2998) S SACRAMENTO 112-6 W Wal-
nut W 25xS 100. Alterations and addi-
tions to two-story frame building.
(Including new sidewalk and surveying
lot, lighting fixtures excluded).
Owner.....Catherine B. Lippincott,
3431 Sacramento, S. F.
Architect...J. M. Ploeger.
Contractor...J. M. Ploeger, 3265 26th,
San Francisco.
Filed Aug. 15, '13. Dated July 18, '13.
New frame up.....\$655
Brown coated.....655
Completed and accepted.....655
Usual 35 days.....655
TOTAL COST, \$2620
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.
- (2999) SW POST AND POWELL W
137-6 S 63-6 E 69-7 N 66-6 E 67-11 N
57-0 to commencement. Tin, copper,
iron work skylights, cornices, louvers
marquise, iron frame and copper
work on bridges connecting buildings
awning boxes, store fronts, except
Van Kannel doors, the 4 sash on the
side of said doors for building.
Owner.....Crocker Hotel Co. cpn, 1st
National Bank Bldg., S. F.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.
Contractor...Conlin & Roberts, 410 Na-
toma, San Francisco.
Filed Aug. 15, '13. Dated Aug. 12, '13.
One 1st of each month.....75%
Usual 35 days, 25%.....\$4969
TOTAL COST, \$19,876
Bond, \$9938. Surety, The Aetna Acci-
dent & Liability Co. Limit, as fast as
required. Forfeit, \$25. Plans and specifi-
cations filed.
- (3000) STAIR WORK, EXCEPT BAL-
ustrades on above.
Contractor...Rudgear-Merle Co., Bay &
Stockton, San Francisco.
Filed Aug. 15, '13. Dated Aug. 12, '13.
- On 1st of each month.....75%
Usual 35 days, 25%.....\$3500
TOTAL COST, \$14,000
Bond, no amount stated. Sureties A.
Rudgear and James F. Leahy. Limit,
40 days. Forfeit, \$25. Plans and specifi-
cations filed.
- (3001) W STANFORD 106-3 S Bran-
nan W 80-1½xS 100. Concrete, brick,
curbs and cement work for two-story
and basement warehouse.
Owner.....Crane Co., 2nd and Howard,
San Francisco.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Farrell & Reed, M. A. Gunst
Bldg., San Francisco.
Filed Aug. 15, '13. Dated July 23, '13.
Work ½ completed.....37½%
All work completed.....37½%
TOTAL COST, \$5100
Bond, \$2550. Sureties, R. Herring and
E. S. Howard. Limit, 4 weeks. Forfeit,
none. Plans and specifications
filed.
- (3002) ROUGH AND FINISH CAR-
penter work on above.
Contractor...W. A. Goericke, Postal
Telegraph Bldg., S. F.
Filed Aug. 15, '13. Dated July 23, '13.
Payments same as above.....
TOTAL COST, \$6500
Bond, \$3250. Surety, Equitable Surety
Co. Limit, 4 weeks after notification.
Forfeit, none. Plans and specifi-
cations filed.
- (3003) N GREEN 193-3½ W Jones W
45xN 120. Interior and exterior
plastering for apartment house.
Owner.....The George A. Bos Co.,
Crocker Bldg., S. F.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Herman Bosch, 4420 20th,
San Francisco.
Filed Aug. 15, '13. Dated Aug. 4, '13.
On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$2100
Bond, \$1050. Surety, Massachusetts
Bonding & Insurance Co. Limit, Sept.
15. Forfeit, none. Plans and specifi-
cations filed.
- (3004) NO. 3070 SEVENTEENTH. Add
to building.
Owner.....Metropolitan Laundry Co.,
1145 Harrison, S. F.
Architect...None.
Day's work.....COST, \$850
- (2005) SE CLAY AND LARKIN. Add
porch and garage in basement.
Owner.....Dudley F. Tait, Premises.
Architect...None.
Contractor...A. Olson, 289 Fell, S. F.
COST, \$700
- (3006) NW GRAFTON & GRANADA.
One-story and basement frame store.
Owner.....George Smith, 422 Grafton
Ave., San Francisco.
Architect...None.
Day's work.....COST, \$700
- (3007) E LEVANT 50 S States. One-
story and basement frame dwelling.
Owner.....B. Caru, 49 Chula Lane,
San Francisco.
Architect...None.
Day's work.....COST, \$1000
- (3008) NO. 1709 CHURCH. One-story
frame stable.
- Owner.....J. Donovan, 1703 Church,
San Francisco.
Architect...None.
Day's work.....COST, \$400
- (3009) S TWENTY-FIFTH 65 W Home-
stead. One-story and basement
frame dwelling.
Owner.....A. T. Marsh, 4463 25th,
San Francisco.
Architect...None.
Contractor...Louis McAbee, 4537 25th,
S. F.
COST, \$1000
- (3010) NO. 633 CLEMENT. General
repairs to building.
Owner.....J. R. Billington, 499 11th
Ave., San Francisco.
Architect...None.
Contractor...J. M. Ploeger, 3265 26th,
San Francisco.
COST, \$600
- (3011) NOS. 39-41 MERCHANT. Alter
front.
Owner.....Pockwitz Rebmann Co., 10
Embarcadero, S. F.
Architect...None.
Contractor...James L. McLaughlin, 244
Kearny, San Francisco.
COST, \$500
- (3012) NO. 3203 PACIFIC AVE. New
garage and minor repairs to dwlg.
Owner.....Robt. C. Porter, 1700
Spreckels Bldg., S. F.
Architect...H. C. Smith, Humboldt
Bank Bldg., S. F.
Contractor...W. Martin, 110 Jessie,
San Francisco.
COST, \$600
- (3013) S ANZA 85 E 13th Ave. Two
story and basement frame residence.
Owner.....Pockman & Co., 13th Ave
and Balboa, S. F.
Architect...Theo. S. Boehm, Hewes
Bldg., San Francisco.
Day's work.....COST, \$3000
- (3014) SW RAILROAD & FAIRFAX
Aves (6th Ave) S 26-7¼ W 100-5 N
25 E 91-4. All work for three-story
frame stores and lodging house.
Owner.....J. F. Mohr.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Contractor...A. Sarraile, 2115 Powell,
San Francisco.
Filed Aug. 16, '13. Dated Aug. 13, '13.
Rafters on.....\$2075
Brown coated.....2075
Finished and accepted.....2075
Usual 35 days.....2075
TOTAL COST, \$8300
Bond, \$4150. Surety, Massachusetts
Bonding & Insurance Co. Limit, 75
days. Forfeit, \$5. Plans and specifi-
cations filed.
- (3015) W GRANT AVE 37-6 S Green-
wich 20x60. All work for three-story
and basement frame flats.
Owner.....Giovanni and Angelo Gu-
telli, 449 Broadway, S. F.
Architect...None.
Contractor...Louis N. Devincenzi, 415
Girard, San Francisco.
Filed Aug. 16, '13. Dated Aug. 14, '13.
Frame up.....\$1525
Brown coated.....1525
Completed and accepted.....1525
Usual 35 days.....1525
TOTAL COST, \$6100
Bond, \$3050. Surety, G. Talen. Limit,
90 days from Aug. 20, '13. Forfeit, none
Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Aug. 9, 1913—W DRUMM 59-1 S Washington W 75xS 32-6. Jacobs, Malcolm & Burritt to Brandon & Lawson. July 25, 1913

Aug. 9, 1913—E MISSION & SECOND NE 70xSE 100. The Phillips Estate Co to L A Kern. Aug. 1, 1913

Aug. 9, 1913—N PINE 92-6 W Front W 95 N 91-S E 50 N 14-7 E 45 S 106-3. Boyd Invest Co to C P Moore Bldg Co. Aug. 7, 1913

Aug. 9, 1913—S MISSION 50 E 4th S 170xW 50. Annie M Faxon to Otis Elevator Co, Aug. 1; Matthies & Griffith. Aug. 1, 1913

Aug. 9, 1913—W DIAMOND 350 N Chenery 30x87-6. Joseph N Reed to whom it may concern. July 1, 1913

Aug. 9, 1913—S SUTTER 62-6 E Hyde E 25xS 87-6. D M Richards Realty Co to H L Petersen. Aug. 1, 1913

Aug. 11, 1913—COMG. 77-6 FROM NE Bush and Kearny E 57-6 to W Belden S 77-6 to N Bush W 57-6 to NE Cor. Bush and Kearny W 77-6. F A Hihn to whom it may concern. Aug. 9, 1913

Aug. 11, 1913—N DORLAND 80 W Guerrero W 83xN 100. Geo W Miller to John J Binet Co. Aug. 11, '13

Aug. 11, 1913—SE BRYANT & ZOE SW 125xSE 160. Shreve & Co to Mahony Bros. July 29, 1913

Aug. 11, 1913—E TWENTIETH AVE 175 N Clement N 25xE 120. A M Brown to John M Peters. July 26, 1913

Aug. 11, 1913—N O'FARRELL 137-6 E Larkin N 137-6xE 68-9. Franklin Realty Co to Charles Oberfeld, Morrison & Co, California Mill Co, Otis Elevator Co, Leaf & Kaiser, Gus May, Peterson-James Co, National Elec Co, Musto-Keenan Co, Fees System Co. Aug. 6, 1913

Aug. 11, 1913—NE COLE AND CARL E 76xN 37-6. George Breck to J J Harcom. July 26, 1913

Aug. 11, 1913—SIDEWALK AREA along SW and NW sides Seawall Lot 22. Western Pacific Railway Co to E H Sundberg. Aug. 6, '13

Aug. 11, 1913—NE CALIFORNIA & Leidesdorff E 30xN 124 to a pt on S Halleck 30 to a pt formed by intersection of S Halleck and E Leidesdorff S to beg. John W Gunn to Vermont Marble Co. Aug. 1, 1913

Aug. 11, 1913—SW PTN SEAWALL Lot 22 bded on E by East, NE by Fremont, NW by Brannan and on SW by First. Western Pacific Railway Co to E H Sundberg. Aug. 6, 1913

Aug. 12, 1913—LOT 14 BLK "J" Mission Terrace Verne Morton Trace to whom it may concern. Aug. 1, 1913

Aug. 12, 1913—SW SUTTER and Powell. York Realty Co to R Zellinsky. June 24, 1913

Aug. 12, 1913—E TWELFTH AVE 100 N Clement 25x120; No. 276-278 12th Ave. Daniel W Saylor to whom it may concern. Aug. 12, 1913

Aug. 12, 1913—N BUSH 88-6 E Jones E L Hueter to J Looney Co. Aug. 6, 1913

Aug. 12, 1913—W TWELFTH AVE 275 N Geary N 25xW 120. Elizabeth Peter on to whom it may concern. Aug. 11, 1913

Aug. 12, 1913—NE BOSWORTH & Lippard NE 100xSE 25. A M and Annie Kelly to O E Evans. Aug. 7, '13

Aug. 13, 1913—S UNION 220 W Brod-

erick W 27-6xS 137-6. H R Oliver to W W Rednall. Aug. 12, 1913

Aug. 12, 1913—SW POWELL and Sutter W 100 S 75 — 100-0x4 N 76-10. York Realty Co to Butte Eng & Elec Co, Aug. 5; General Engineering Co. Aug. 5, 1913

Aug. 12, 1913—NE CLEMENTINA & Third S 30xE 80. Walter H Sullivan to McLeran & Peterson. Aug. 7, 1913

Aug. 12, 1913—SE LONDON 250 SW Excelsior SW 25x100. Fred Warden to whom it may concern. Aug. 12, 1913

Aug. 12, 1913—SE LONDON 250 SW Excelsior Ave 25x100. Fred Warden to whom it may concern. Aug. 12, 1913

Aug. 13, 1913—SW CLAY and FILLMORE E 60-8 1/2 W 112-9 N 60-8 1/2 E 118-9. Mutual Amusement & Investment Co and M C Pattell to L A Rose. Aug. 7, 1913

Aug. 13, 1913—NE MISSION & 4TH N 80xE 80. The Voorman Co by P J Walker Co to Vermont Marble Co, Aug. 1; Wittman Lyman Co. Aug. 12, 1913

Aug. 13, 1913—NW BUSH & SANSOME N 137-6xW 67-6. Standard Oil Co to American Marble & Mosaic Co, Aug. 11; Rudgear-Merle Co, Aug. 11; W P Fuller & Co. Aug. 11, 1913

Aug. 13, 1913—NE SECOND 225 NW Brannan NW 25xNE 80. Lena Vosti to C Rosina & Co. Aug. 11, '13

Aug. 14, 1913—E HATTIE 125 N 18th 25x75. James and Margaret Kelley to Geo D Gilmour. Aug. 14, 1913

Aug. 14, 1913—E DOLORES 76 S 21st S 25xE 90. Annie M Conniff to O B Hedstrom. Aug. 12, 1913

Aug. 14, 1913—SW SECOND 100 NW Townsend NW 50xSW 160. Moore Inv Co to California Constr Co, July 28; Capitol Sheet Metal Wks. Aug. 4, 1913

Aug. 14, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to Western Furnace & Cornice Co. Aug. 11, 1913

Aug. 15, 1913—S BROADWAY 68-9 E Mason E 43-9xS 75. Eugenia Danerli Guglielmo and Emilia Danerli to S Montani & G Stefanini. Aug. 9, 1913

Aug. 15, 1913—BLK BDED BY CALIFORNIA, Jones, Sacramento and Taylor. Grace Cathedral Cpn to Herman Bosch. Aug. 7, 1913

Aug. 15, 1913—E BATTERY 100 S Broadway S 37-6 E 137-6 N 66 W 29-6 S 28-6 W 108. Elma C S C & E M Farnham to R Glaze. Aug. 13, 1913

Aug. 15, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to Herring Mill Inc. Aug. 15, 1913

Aug. 15, 1913—N SACRAMENTO 102-6 E Baker E 35xN 127-8 1/2. Mrs A F Cochrane to Fred Miller. Aug. 14, 1913

LIENS FILED.

San Francisco.

Aug. 1, 1913—LOT 134 Demartini Tet N O Nelson Mfg Co vs Julia A Brown and John Shears. \$236.44

Aug. 2, 1913—NE GEARY & VAN Ness Ave E 109xN 120. Wm F Wilson Co vs Chas L Tilden Co, Peterson, Rupp & Co. \$1371.50

Aug. 4, 1913—SE POWHATTAN & Nebraska Ave S 25xE 100. Thos A

Clark vs William Helbing. \$35.86

Aug. 6, 1913—NW SACRAMENTO & Powell N 52xW 91-6. Golden Gate Structural & Ornamental Iron Wks vs Clay M, William, Frances M Greene and Ursula Greene Sawyer. \$1436

Aug. 9, 1913—N EDDY 68-9 E Mason E 68-9 N 89-6 E 75 N 96 W 75 S 10-6 W 68-9 S 175. Martin Fennell & Thos L Wand (Fennell & Wand) vs Ernestine, Wm H and Jas Leahy, Joseph Kreling ("Tivoli Opera House" cpn). \$16,547.73

Aug. 11, 1913—E STANYAN 100 m or l S Rivoli S 35x100 m or l; No. 1210 Stanyan. Callaghan Bros vs Jas Michael. \$139.75

Aug. 13, 1913—NE VAN NESS AVE & Geary N 120xE 109. Gladding, McBean & Co, \$11.76; W P Fuller & Co, \$2626.50 vs Charles L Tilden and Peterson, Rupp & Co. \$1375

Aug. 13, 1913—NE VAN NESS AVE & Geary N 120xE 109. Gladding, McBean & Co vs Charles L Tilden, J W Johnson and Peterson-Rupp & Co. \$547.35

Aug. 13, 1913—W EMBARCADERO 137-6 S Howard S 45-10xW 137-6. Charles J Morrison vs Joseph Magner and Theo S Hoin. \$1375

Aug. 14, 1913—NE VAN NESS AVE & Geary N 120xE 109. J W Johnson vs Peterson-Rupp Co and Chas L Tilden. \$780

Aug. 14, 1913—N PACIFIC AVE 68-9 W Grant Ave W 32-9 N 65 E 20 N 72 E 81-6 S 40 W 72 S 55-6 E 3 S 42. W H Healy and Charles C Horton (as Standard Crushed Rock Co) vs Lucie Marchebout and G W Boxton and Stanquist & Taylor. \$302.55

Aug. 14, 1913—NE VAN NESS AVE & Geary E 100 m or l N 100 m or l. F J W Andersen and C Larsen (as Pacific Structural Iron Works) vs Petersen-Rupp & Co and C L Tilden. \$135

Aug. 14, 1913—NE VAN NESS AVE & Geary N 120 E 109 S120 W to beg. Bay Development Co vs Chas Peterson and John Doe Rupp (as Peterson-Rupp & Co or Peterson Rupp Co). \$514.70

Aug. 14, 1913—NE VAN NESS AVE & Geary N 120xE 109. Fibrestone & Roofing Co vs Chas L Tilden and Peterson-Rupp Co. \$109.75

Aug. 14, 1913—NE GEARY AND VAN Ness Ave N 120xE 109. Andrew Olson vs Chas L Tilden, Peterson-Rupp Co and Charles L Tilden Co. \$1517.66

Aug. 15, 1913—NE GEARY & VAN Ness Ave N 120xE 109. Levy Elec Co vs Peterson-Rupp Co, Chas L Tilden. \$497.43

Aug. 15, 1913—NE GEARY & VAN Ness Ave N 120xE 109. Western Hydrated Lime Co vs Charles L Tilden Co and Peterson & Rupp Co. \$85.96

Aug. 15, 1913—NE GEARY AND VAN Ness Ave N 120xE parallel with N Geary 109. Santa Fe Lumber Co vs Charles L Peterson and John Doe Rupp (Peterson-Rupp & Co). \$1053.50

Aug. 15, 1913—W EMBARCADERO 137-6 S Howard S 46-10xW 137-6. Horace J Perazal vs Theodore S Hoin and Joseph Magner. \$4871

Aug. 15, 1913—NE GEARY AND VAN Ness Ave W 120xE 109. W W Montague & Co vs Peterson-Rupp & Co and Chas L Tilden. \$205

Aug. 15, 1913—NE GEARY AND VAN

Ness Ave N 120x E 109 Standard Portland Cement cpm, \$240; Santa Cruz Portland Cement, \$2641.74; C Jorgensen & Co, \$91.25; Woods & Huddert, \$3455; City Supply Co, \$119.40 vs Chas L Tilden and Peterson-Rupp & Co..... Aug. 15, 1913—NE GEARY AND VAN Ness Ave 109x120. S D Le Clair vs Peterson & Rupp.....\$33.75

OAKLAND AND ALAMEDA COUNTY.

BUNGALOW — 1 story and base, frame, \$2,000. Berkeley, Alameda Co., Cal. Architect, Hiram K. Lovell, South Berkeley Bank Bldg., Berkeley. Owner, Mrs. Schiller. The dwelling, which has been designed for a four-room house with bath and sleeping porch, will be erected on Alcatraz avenue. Interior will be finished in pine with some hardwood floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with rustic. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$5,000. Oakland, Cal. Architect, C. J. Struby. Owner, Mrs. N. Connelly, 606 Jones street, Oakland. The house will be erected at the corner of Wickson street and Walker avenue and will contain seven rooms and bath. Interior finish will be of pine, redwood and some elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and tile will also be used in the kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and figures are now being taken.

BUNGALOW — 1½ story and base, frame, \$2,000. Oakland, Cal. Architect, none. Owner, P. H. Franks, 2709 McGee avenue, Berkeley. The house will be erected at the southeast corner of Lawton and Clifton streets, and has been designed to contain seven rooms and bath. Interior will be finished in pine with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$4,300. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, Joseph C. Hickingbotham. The house will be erected on Walla Vista and will contain seven rooms, bath and sleeping porch. Interior will be finished in pine with some white enamel and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

HOTEL — 7 story and base. Class C construction, \$100,000. Oakland, Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, M. Friedman, 253 Post St., S. F. Preliminary plans have been prepared for a large store and hotel building which will be erected on the property at the southwest corner of 16th and Clay streets. Only preliminary plans have been prepared and details of the construction are not available. The lot to be improved covers a large area. First floor of the new building will be arranged for stores and upper floors will contain in the neighborhood of 150 rooms. Interior finish will probably be of pine throughout. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a hot water plant. Exterior will probably be faced with pressed brick.

BUNGALOW — 1½ story and base, frame, \$3,000. Oakland, Cal. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, M. B. Nichols. The house will be erected in the Diamond Vista Tract and has been designed to contain six rooms, bath and sleeping porch. Interior finish will be of pine with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile, the sum of \$60 being allowed. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillgass avenue, Berkeley. Owner, Dudley Baird. The house will be erected at the corner of Dwight Way and Prospect avenue, and is designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have a composition floor and tile wainscot. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$5,000. Alameda, Alameda Co., Cal. Architect, E. B. Hurt, 521 Cottage St., Oakland. Owner, Leo A. Cocker-ton. The house will be erected on Rand avenue near Cottage street, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW — 1 story and base, frame, \$2,300. Oakland, Cal. Architect, Frank S. Forester, 1417 Arch St., Berkeley. Owner, W. R. Klink. The bungalow will be erected on Ivywood street, and has been designed to contain six rooms and bath. All interior finish will be of pine or redwood. Hard-

wood floors will be used in the living room, dining room and reception hall. There will be a large open fire place with brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. Exterior of the bungalow will be covered with shingles. Plans are complete and figures are being taken.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
2364	Mayer	Mayer	1250
2365	Pleasants	Gitty	1475
2384	Holmes	Holmes	1000
2389	Biggl	Crow	500
2390	McWilliams	Owner	1975
2391	Klein	Kennedy	2000
2392	Hunter	Hunter	1000
2393	Gray	Doss	500
2394	Evans	Doss	400
2395	McCoy	McCoy	1800
2396	Diehl	Hopper	2625
2397	Holloway	Holloway	500
2398	Mills	Hagert	1000
2399	Wright	Belleville	2450
2401	Roberts Invest	Owner	1200
2403	Franks	Franks	3000
2405	Holloway	Holloway	500
2496	Ingram	Wheeler	400
2407	Clarke	Sorensen	6455
2408	Powell	Clark	3100
2409	Hayes	Gaspard	1000
2410	Morse	Bullock	2000
2411	Wurts	Cook	450
2412	Whalen	Whalen	3500
2413	Sheridan	Sheridan	1800
2414	Bullock	Bullock	2000
2415	Taylor	Stanley	500
2417	Nichols	Yerrick	2500
2418	Lauren	Anderson	2500
2419	Bell	Stewart	2200
2420	Shattuck	Shattuck	2000
2421	Coit	Coit	3500
2422	Oakland Hl	Elec Con	4800
2423	Same	Doell	21933
2424	Howard	MacGregor	3041
2425	Carroll	Johnson	450
2426	Williamson	Sammon	600
2527	Karl	Vorce	550
2428	Bispo	Murdock	400
2429	Burt	Burt	500
2430	Brian	Brian	400
2432	Grimwood	Olson	5201
2433	Elchegory	Woodworth	2000
2434	Nickolson	Nickolson	2000

(2364) S ARKANSAS 100 E Maple, Oakland. One-story 5-room dwlg. Owner.....J. W. Mayer, Premises. Architect.....None. Day's work.....COST, \$1250

(2365) S SAN JUAN 300 E 36th Ave., Oakland. One-story 5-room dwelling. Owner.....S. A. Pleasants, 3905 San Juan, Oakland. Architect.....None. Contractor.....N. W. Gitty, 1965 41st Ave. Oakland. COST, \$1475

(2384) S REDDING 210 W Maple Ave., Oakland. One-story 4-room dwlg. Owner.....T. P. Holmes, 4151 Redding, Oakland. Architect.....None. Day's work.....COCST, \$1000

(2389) S FIFTY-SIXTH 100 W Telegraph Ave., Oakland. Tank frame. Owner.....J. Biggl, 5539 Telegraph Ave., Oakland. Architect.....None. Contractor.....J. W. Crow, 511 56th, Okd. COST, \$500

(2390) SW E-TWENTY-FIRST 320 E Fifth Ave., Oakland. One-story 5-room dwelling. Owner.....R. A. McWilliams, Security Bank Bldg., Oakland. Architect.....None. Day's work.....COST, \$1975

(2391) NO. 1001 WASHINGTON, Oakland. Alterations.
Owner.....M. Klein, Adams Hotel, Okd
Architect...None.
Contractor...F. T. Kennedy, 954 Rose Ave., Piedmont.

COST, \$2000

(2392) W FIFTY-FIRST AVE 135 S E-14th, Oakland. One-story 5-room dwelling.

Owner.....J. O. Hunter, 5015 E-14th, Oakland.
Architect...None.
Day's work.

COST, \$1000

(2393) NO. 604 JEAN, Oakland. Alterations.
Owner.....Mrs. H. P. Gray, Premises.
Architect...None.
Contractor...C. A. Doss, 2028 E-15th, Oakland.

COST, \$500

(2394) NO. 510 SIXTY-SECOND, Oakland. Alterations.
Owner.....Mrs. C. O. Evens, Premises
Architect...None.
Contractor...C. A. Doss, 2028 E-15th, Oakland.

COST, \$400

(2395) E MANILA AVE 129 N Clifton, Oakland. One-story 5-room dwlg.
Owner.....C. H. McCoy, 2903 Shattuck Ave., Berkeley.

Architect...None.
Day's work.

COST, \$1800

(2396) E WEST 80 N 34th SE 116xNE 45, Oakland. All work except plumbing, painting, cement sidewalks, finish hardware, electric fixtures, mantels and window shades for one-story and basement dwelling.

Owner.....F. W. Diehl, 347 11th, Okd.
Architect...F. D. Voorhees, Central Bank Bldg, Oakland.

Contractor...M. E. Hopper, 90 Glen Ave., Alameda.

Filed Aug. 12, '13. Dated Aug. 11, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2625

Bond, \$1400. Surety, U. S. Fidelity & Guaranty Co. Limit, 60 days. Forfeit none. Plans and specifications filed.

(2397) W FORTY-FIFTH AVE 170 N Melrose Ave, Oakland. One-story 5-room dwelling.

Owner.....G. K. Holloway, 2115 45th Ave, Oakland.

Architect...None.
Day's work.

COST, \$500

(2398) W LAUREL AVE 150 S Hopkins, Oakland. One-story 5-room dwelling.

Owner.....A. Mills, 3555 Laurel Ave., Oakland.

Architect...None.
Contractor...A. Hagert, 1759 8th, Okd.

COST, \$1000

(2399) ELMAR ST. —, Oakland. All work for one-story 6-room dwlg.
Owner.....P. J. Wright, 9533 Elmer Ave., Oakland.

Architect...None.
Contractor...Angus J. Bellefontaine, 6712 Flora, Oakland.

Filed Aug. 13, '13. Dated Aug. 12, '13.
Frame up 1/4
White coated 1/4
Completed 1/4
Usual 35 days..... 1/4

TOTAL COST, \$2070

Bond, limit, forfeit, none. Plans and specifications filed.

NOTE:—S Elmar 200 E 98th Ave, Okd.

(2401) W HIGHLAND AVE 55 S E-Thirty-sixth, Oakland. One-story 4-room dwelling.

Owner.....Roberts Invst. Co., 1617 Telegraph Ave., Oakland.

Architect...None.
Day's work.

COST, \$1200

(2404) SE LAWTON AND CLIFTON, Oakland. One and one-half-story 7-room dwelling.

Owner.....P. H. Franks, 2709 McGee Ave., Berkeley.

Architect...None.
Day's work.

COST, \$3000

(2405) W FORTY-FIFTH AVE 170 N Melrose Ave, Oakland. One-story 5-room dwelling.

Owner.....G. K. Holloway, 2115 45th Ave., Oakland.

Architect...None.
Day's work.

COST, \$500

(2406) NO. 718 LERIDA AVE., Oakland. Alterations.

Owner.....H. C. Ingram, Premises.
Architect...None.

Contractor...S. A. Wheeler, 231 13th, Oakland.

COST, \$400

(2407) LOT 7 BLK 22 Lakeside Tract, Oakland. All work for two-story and basement dwelling.

Owner.....J. W. Clarke, Livermore.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg, Bkly.

Contractor...Walter Sorensen, 3219 Ellis, Berkeley.

Filed Aug. 13, '13. Dated Aug. 9, '13.

Frame up and roof boards on... 1/4

Rough coat plaster on interior and exterior 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$6455

Bond, \$3225. Surety, American Surety Co. Limit, 85 days. Forfeit, none.

Plans and specifications filed

(2408) NE THIRTEENTH & FRANKLIN E 100xN 50, Oakland. Terra cotta for seven-story and basement brick and steel hotel.

Owner.....H. A. Powell, Oakland.

Architect...F. D. Voorhees, Central Bank Bldg, Oakland.

Contractor...N. Clark & Sons, 116 Natoma, San Francisco.

Filed Aug. 13, '13. Dated Aug. 7, '13.

1st day of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3100

Bond, none. Limit, 55 days. Forfeit, \$25 per day. Plans only filed.

(2409) SE EIGHTH AND CLAY, Oakland. Alterations.

Owner.....Mrs. Hayes, Brush, bet. 21st and 22nd, Oakland.

Architect...None.
Contractor...Gaspard & Sharp, 2603 San Pablo Ave., Oakland.

COST, \$450

(2410) N SEQUOIA 240 E Arroyuelo, Oakland. One-story 5-room dwlg.

Owner.....C. S. Morse, 1525 Broadway, Oakland.

Architect...None.
Contractor...O. M. Bullock, 1952 Broadway, Oakland.

COST, \$2000

(2411) E FOURTEENTH AVE 125 N

E-33rd, Oakland. One-story 4-room dwelling.

Owner.....M. L. Wurts, 3024 Telegraph Ave., Oakland.

Architect...None.
Contractor...L. T. Cook, 543 30th, Okd.

COST, \$1000

(2412) S FORTY-FOURTH 100 W Webster, Oakland. One-story 5-room dwlg

Owner.....J. P. Whalen, 1542 Broadway, Oakland.

Architect...None.
Day's work.

COST, \$2500

(2413) E SIXTY-FOURTH AVE opp. Virginia, Oakland. One-story five-room dwelling.

Owner.....K. M. Sheridan, 1020 Broadway, Oakland.

Architect...None.
Day's work.

COST, \$1800

(2314) S EIGHTH 100 E Webster E 25xS 100, Oakland. All work for two-story brick store and rooming house.

Owner.....James Kenney, 596 33th, Oakland.

Architect...A. Roust, 6508 Raymond Oakland.

Contractor...Harry McCloy Jr., 623 33rd, Oakland.

Filed Aug. 5, '13. Dated Aug. 5, '13.

1st story of brick up.....\$1200

Brick work completed..... 1000

Roof on, rough plumbing installed, electric wiring roughed in, cornice work on and floor of 2nd story completed 1525

Completed and accepted..... 1525

Usual 35 days..... 1750

TOTAL COST, \$7000

Bond, \$3500. Surety, Henry and Catherine McCloy. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(2415) NO. 1507 FIFTIETH AVE., Oakland. Addition.

Owner.....W. H. Taylor, NE 50th Ave and Bond, Oakland.

Architect...None.
Contractor...C. B. Stanley, 1507 50th Ave., Oakland.

COST, \$500

(2417) N VISTA 120 E Everett Ave., Oakland. One-story 3-room dwlg.

Owner.....M. B. Nickols, 2406 College Ave., Oakland.

Architect...None.
Contractor...A. J. Yerrick, Bacon Bldg., Oakland.

COST, \$2500

(2418) SW WAREN 50 NW Gray, Oakland. Two-story 6-room dwlg.

Owner.....Carl Laursen, 5545 Lawton Ave., Oakland.

Architect...Geo. Anderson, 5456 College Ave., Oakland.

Day's work.

COST, \$2500

(2419) N THIRTY-NINTH 500 W Market, Oakland. One-story 5-room dwelling.

Owner.....G. R. Bell, 616 41st, Okd.

Architect...None.
Contractor...B. A. Stewart, 616 41st, Oakland.

COST, \$2200

(2420) S THIRTY-EIGHTH 160 W Lusk, Oakland. One-story 6-room dwelling.

Owner.....F. W. Shattuck, 3216 West, Oakland.

Architect...None.
Day's work.

COST, \$2000

(2421) N WALKER AVE 150 N Cottage, Oakland. Two-story 6-room dwelling.

Owner.....C. B. Coit, 1522 Broadway, Oakland.

Architect...None.
Contractor...Roger Coit 1522 Broadway, Oakland.

COST, \$3500

(2422) BLK 18ED BY THIRTEENTH, Harrison, 14th and Alice, Oakland. Electric work for alterations and completion of 6th, 7th, 8th and mezzanine floors for Class "A" hotel.

Owner.....Oakland Hotel Co., by P. J. Walker Co., Agents.

Architect...Bliss & Paville, Balboa Bldg., San Francisco.
Contractor...J. Gensler (under name Electrical Constr. Co.) 408 10th, Oakland.

Filed Aug. 15, '13. Dated Aug. 14, '13. Semi monthly payments..... 75%
36 days after..... 25%

TOTAL COST, \$4800

Bond, \$2400. Surety, Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2423) PLUMBING ON ABOVE.
Contractor...Carl T. Doell, 467 22nd, Oakland.

Filed Aug. 15, '13. Dated Aug. 13, '13. Payments same as above.....

TOTAL COST, \$21,933

Bond, \$10,967. Surety, Southwestern Surety Ins. Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2424) NO. 37 LINCOLN AVE., Piedmont. Alterations and additions.
Owner.....Nelson A. Howard, Piedmont.

Architect...Houghton Sawyer, Shreve Bldg., San Francisco.

Contractor...C. M. MacGregor, 470 13th, Oakland.

Filed Aug. 15, '13. Dated April 30, '13. 1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1046

Bond, \$523. Surety, American Surety Co. Limit, as soon as possible. Forfeit, \$10. Plans and specifications filed

(2425) No. 3541 DIAMOND, Oakland. Alterations.

Owner.....J. M. Carroll, Premises.

Architect...None.
Contractor...H. L. Johnson, 2643 Diamond Ave., Oakland.

COST, \$450

(2426) NO. 1734 ALCATRAZ AVE., Oakland. Alterations.

Owner.....L. Williamson.

Architect...None.
Contractor...C. F. Sammon, 1835 Hearst Ave., Oakland.

COST, \$600

(2427) N PENNIMAN AVE 154 W 38th Ave., Oakland. One-story 4-room dwelling.

Owner.....Max Karl, Piedmont.

Architect...None.
Contractor...West & Vorce, 860 27th Ave., Oakland.

COST, \$550

(2428) NO. 1923 E-FIFTEENTH, Oakland. Tank frame.

Owner.....Frank Bispo, Premises.

Architect...None.

Contractor...L. W. Murdock, 1310 Webster, Oakland.

COST, \$100

(2429) N FOOTHILL BLVD, near Dutton Ave., Oakland. One-story 3-room dwelling.

Owner.....M. H. Durst, 1715 Central Ave., Alameda.

Architect...None.
Day's work.

COST, \$500

(2430) NO. 1024 FIFTY-SIXTH, Oakland. Alterations.

Owner.....P. A. Brion, Oakland.

Architect...None.
Day's work.

COST, \$400

(2432) SW MESA AVE 150 NW Park Way NW 50xSW 130, Piedmont. All work for two-story and basement dwelling.

Owner.....Lucy C. & Emma P. Grinnwood, Oakland.

Architect...Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor...Alfred Olson, 1116 Myrtle, Oakland.

Filed Aug. 16, '13. Dated Aug. 11, '13. Frame completed, roof sheathed and chimney built.....\$1300 00

Plumbing & electric work roughed in, exterior mill work in place, 1st coat exterior brown coat on..... 1300 00

Completed, accepted and notice filed..... 1300 00

Usual 35 days..... 1301 50

TOTAL COST, \$5201 50

Bond, \$2601. Sureties, Daniel Geary and H. J. Quinn. Limit, 65 days. Forfeit, none. Plans and specifications filed.

(2433) S SIXTY-FIRST 150 W Baker, Oakland. One-story 5-room dwlg.

Owner.....Victor Etchegory, 1198 63d Oakland.

Architect...None.
Contractor...Percy W. Woodworth, 1028 61st, Oakland.

COST, \$2000

(2434) W FORTY-SIXTH 535 W West Oakland. One-story 5-room dwlg.

Owner.....Albert Nickolson, 4610 Grove, Oakland.

Architect...None.
Day's work.

COST, \$2000

building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
2361	Roth	Roth	1800
2362	Pfrang	Pfrang	2500
2363	McKelvy	McKelvy	400
2366	Roadhouse	Peterson	4540
2367	Wolbold	Kollmer	5125
2385	Goss	Hauxhurst	1800
2386	Berkeley	Murdock	350
2387	Daniels	Skaggs	2000
2388	Lamb	Warlin	1000
2400	Grainker	Kincade	3500
2402	Welsh	Scott	1850
2403	Crosby	Crosby	500
2416	W'n Union	Owner	2700

(2361) N MONTANA 215 W Fruitvale Ave., Berkeley. One-story 5-room dwelling.

Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.

Architect...None.

Day's work.

COST, \$1800

(2362) S ASHBY AVE 70 W California, Berkeley. One-story 5-room dwelling.

Owner.....H. C. Pfrang, 5339 Shafter Ave., Oakland.

Architect...None.

Day's work.

COST, \$2500

(2363) NO. 1014 FRESNO AVE., Berkeley. Garage.

Owner.....T. B. McKelvy, Premises.

Architect...None.
Day's work.

COST, \$400

(2366) LOT 22 BLK 6 Wheeler Tract, Berkeley. All work for two-story and basement dwelling.

Owner.....Chester L. Roadhouse, 2531 Buena Vista Way, Berkeley

Architect...Frank S. Forster, 1417 Arch, Berkeley.

Contractor...Alfred Peterson, 1201 19th, Oakland.

Filed Aug. 11, '13. Dated July 29, '13. Rough frame up.....\$1135

Rough interior and exterior plaster on..... 1135

Completed and accepted..... 1135

Usual 35 days..... 1135

TOTAL COST, \$4540

Bond, \$2270. Surety, Aetna Accident & Liability Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2367) LOT 6 BLK 4 Claremont Park, Berkeley. All work for two-story dwelling.

Owner.....Caroline Wolbold, San Leandro.

Architect...None.
Contractor...Jacob Kollmer, 2811 Stuart Berkeley.

Filed Aug. 11, '13. Dated Aug. 11, '13. Frame up.....\$1281 35

1st coat plaster on..... 1281 25

Completed and accepted..... 1281 25

Usual 35 days..... 1281 25

TOTAL COST, \$5125 00

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications, none.

(2385) W COR. OXFORD & VINE, Berkeley. Alterations.

Owner.....O. R. Goss, 2119 Channing Way, Berkeley.

Architect...None.

Contractor...G. H. Hauxhurst, 2609 11th Ave., Oakland.

COST, \$1800

(2386) S LINCOLN 50 E Milvia, Berkeley. Two one-story 1-room portable school houses.

Owner.....City of Berkeley.

Architect...None.
Contractor...Frank Murdock, 2120 Emerson, Berkeley.

COST, \$950

(2387) WHEELER 134 N Ashby, Berkeley. Addition.

Owner.....Mrs. N. Daniels, 2527 Grove, Oakland.

Architect...None.

Contractor...J. W. Skaggs, 569 32nd, Oakland.

COST, \$2000

(2388) W COLLEGE AVE 45 N Haste, Berkeley. Alterations.

Owner.....E. R. Lamb, 2133 Center, Berkeley.

Architect...None.

Contractor...C. A. Warlin.

COST, \$1000

(2400) N NAPA 560 E Alameda, Berkeley. Two-story 7-room dwelling.

Owner.....J. L. Grainker, 525 66th, Oakland.

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The Blocks now being
used for moving the
Commercial High
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CONTRACTORS EQUIPMENT.

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38-40 NATOMA ST., S. F.

Architect...None.
Contractor...J. C. Kineade, 6604 Dana,
Berkeley.
COST, \$33500

(2102) S EUNICE 100 E Walnut, Ber-
keley. One-story 5-room dwelling.
Owner.....Mrs. E. J. Welsh, 1408 Ox-
ford, Berkeley.
Architect...None.
Contractor...James Scott, 2401 Hillgard
Ave., Berkeley.
COST, \$1850

(2103) W DOHR 180 S Ward, Ber-
keley. Two-story 3-room shop, labo-
ratory and garage.
Owner.....P. A. Crosby, 2716 Dohr,
Berkeley.
Architect...None.
Day's work. COST, \$500

(2116) S JOSEPH AVE 67 W Monterey
Berkeley. Two-story 6-room dwlg.
Owner.....Western Union Home
Bldgs., 1617 Telegraph Ave.
Oakland.
Architect...None.
Day's work. COST, \$2700

Building Contracts Awarded. Alameda.

No.	Owner	Contractor	Amt.
2363	Assoc. Oil	Smith	650
2369	Same	Same	500
2370	Hooper	Strang	2000
2371	Moeller	Roth	1500
2372	Howe	Strang	3500
2373	Hillen	Hillen	2000
2374	Same	Same	2000
2375	Le Boyd	Le Boyd	1500
2376	Same	Same	1000
2377	Same	Same	1000

2378	Cole	Cole	1750
2379	Cole	Cole	1750
2380	Stand Bldg	Kollmer	500
2381	Hillen	Hillen	3000
2382	Hooper	Strang	2000
2383	Hooper	Strang	2250
2431	McClure	Clark	400

(2368) S. P. PROPERTY, West Ala-
meda. Loading shed.
Owner.....Associated Oil Co., Sharon
Bldg., San Francisco.
Architect...None.
Contractor...H. F. Smith, 52 Garland
Ave., Alameda. COST, \$650

(2369) S. P. PROPERTY, West Ala-
meda. Garage.
Owner.....Associated Oil Co., Sharon
Bldg., San Francisco.
Architect...None.
Contractor...H. F. Smith, 52 Garland
Ave., Alameda. COST, \$500

(2370) NO. 1378 BURLBANK, Alameda.
One-story dwelling.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...V. N. Strang, 1319 Bur-
bank, Alameda.
Contractor...Strang Bros., 1330 Bur-
bank, Alameda. COST, \$2000

(2371) NO. 1600 SHERMAN, Alameda.
Alter bake shop.
Owner.....Chas. Moeller, Premises.
Architect...None.
Contractor...Conrad Roth, 2117 Pacific
Ave., Alameda. COST, \$1500

(2372) SE MONTE VISTA AND FERN-
side, Alameda. Two-story dwelling.
Owner.....W. H. Howe, Alameda.
Architect...None.
Contractor...F. N. Strang, 1330 Bur-
bank, Alameda. COST, \$3500

(2373) NO. 1600 FERNSIDE BLVD.,
Alameda. Two-story 5-room dwlg.
Owner.....R. C. Hillen, Fernside &
Liberty Ave., Alameda.
Architect...W. W. Landgrebe, Fern-
side and Liberty Ave., Ala-
meda. COST, \$3000

(2374) NO. 1822 WOOD, Alameda.
One-story dwelling.
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(2375) NO. 1408 FIFTH, Alameda.
One-story dwelling.
Owner.....W. G. Le Boyd, 1340 Broad-
way, Alameda.
Architect...None.
Day's work. COST, \$1500

(2376) NO. 1409 CENTRAL COURT,
Alameda. One-story 4-room dwlg.
Owner.....W. G. Le Boyd, 1340 Broad-
way, Alameda.
Architect...None.
Day's work. COST, \$1000

(2377) NO. 2210 CLEMENT AVE.,
Alameda. One-story 4-room dwlg.
Owner.....W. G. Le Boyd, 1340 Broad-
way, Alameda.
Architect...None.
Day's work. COST, \$1000

(2378) NO. 763 EAGLE AVE., Alameda
One-story dwelling.
Owner.....M. T. Cole, 703 Syndicate
Bldg., Oakland.
Architect...None.
Day's work. COST, \$1750

(2379) NO. 742 BUENA VISTA AVE.,
Alameda. One-story dwelling.
Owner.....M. T. Cole, 703 Syndicate
Bldg., Oakland.
Architect...None.
Day's work. COST, \$1750

(2380) NO. 2312 LINCOLN AVE., Ala-
meda. Repairs.
Owner.....Standard Home Bldg. Co.,
1st National Bank Bldg.,
Oakland.
Architect...None.
Contractor...Jacob Kollmer, 2753 Pied-
mont Ave., Berkeley. COST, \$500

(2381) E FERNSIDE BOULEVARD 38
S Garfield, Alameda. One-story dwlg
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Architect...None.
Day's work. COST, \$3000

(2382) NO. 827 PORTOLA AVE., Ala-
meda. One-story dwelling.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...V. N. Strang, 1319 Bur-
bank, Alameda.
Contractor...Strang Bros., 1330 Bur-
bank, Alameda. COST, \$2000

(2383) NO. 1357 BURBANK, Alameda.
One-story 6-room dwelling.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...V. N. Strang, 1319 Bur-
bank, Alameda.
Contractor...Strang Bros., 1330 Bur-
bank, Alameda.

COST, \$2250

(2431) NO. 1525 BROADWAY, Ala-
meda. Alterations.
Owner.....C. R. McClure, Premises.
Architect...None.
Contractor...R. P. Clark, 2214 1/2 Santa
Clara Ave., Alameda.

COST, \$400

NOTICE OF NON-RESPONSIBILITY.

Aug. 13, 1913—W 1/2 and W 1/2 of E
1/2 Sec 15 Tp 3 S Range E Mt.
Diablo Base and Meridian, Ala.
Ella C Williams, May W Upson and
R Reid as to improvements on
leased property.....

ABANDONMENT OF HOMESTEAD.

Aug. 13, 1913—LOTS 9 AND 10 BLK
"N" Map Rsbvsn of Kinsell Tract,
Okd. Maria and Louie Choney....

Completion Notices.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Aug. 9, 1913—S 37.14 LOT 11 BLK C
Map Northbrae Business Ppty,
Bkly. Berkeley Development Co
to whom it may concern..Aug. 1, 1913
Aug. 9, 1913—N 2.86 LOT 11 and S
34.28 Lot 12 Blk C Map Northbrae
Business Ppty, Bkly. Berkeley
Development Co to whom it may
concern.....Aug. 1, 1913
Aug. 9, 1913—LOT 59 Map Higgins
Tract, Bkly. Edward J Roehl to
whom it may concern..Aug. 8, 1913
Aug. 9, 1913—LOT 16 and N 12 1/2 Lot
15 Blk D Fairview Tract, Piedmont
Josephine R and Geo J Wagner to
H E Sullivan.....Aug. 7, 1913
Aug. 9, 1913—LOT 10 BLK 2 Map Mc-
Kee Tract in Plot 46 V & D Peralta
Rancho, Okd. Edward D Askquith
to H E Sullivan.....Aug. 8, 1913
Aug. 11, 1913—LOT 8 BLK "M" Map
4th Avenue Terrace, Okd. Wm
Jongeneel to J W Munroe.....
.....Aug. 9, 1913
Aug. 11, 1913—W TELEGRAPH AVE
109 S 16th S 130 NW 103.95 SW
102.44 N 130 NE 90 SW 5.72 NE
112.89 SE 84 SW 100 SE 100, Okd.
Kahn Realty Co to Mongrum &
Otter.....Aug. 6, 1913
Aug. 12, 1913—LOT 10 BLK "E"
Northbrae Terrace, Bkly. Anna H
Gordon to Leo L Nichols..Aug. 5, 1913
Aug. 12, 1913—LOT 30 BLK 4, Oak-
ridge Claremont, Bkly. Robert B
Pard to Walter Sorensen..Aug. 8, 1913
Aug. 12, 1913—NE CEDAR & JAYNES
N 100x E 40, Bkly. Besse R Smith
and J Adelaide Smith Sanborn to J
H Phillips.....Aug. —, 1913
Aug. 12, 1913—PTN NE 1/2 LOT 11
Blk "T" Revised Map Oakland
Heights, Okd. Frank J Eichler to
Oscar L Burritt.....Aug. 12, 1913
Aug. 13, 1913—W TELEGRAPH AVE
100 S 16th S 130 NW 103.95 SW
102.44 N 130 NE 90 NW 5.72 NE
112.89 SE 84 SW 100 SE 100, Okd.
Kahn Realty Co to Guernsey &

Wheeler.....Aug. 6, 1913
Aug. 13, 1913—E 11.50 LOT 5 and W
28.50 Lot 6 Map McMillan Tract,
Okd. Joseph Coward to whom it
may concern.....Aug. 7, 1913
Aug. 14, 1913—LOT 1 BLK 14 Map
Oakridge, Claremont, Bkly. Dr F
W Hamden to whom it may con-
cern.....Aug. 9, 1913
Aug. 14, 1913—LOTS 22 AND 23 BLK
8 Map Key Route Heights, Okd.
Elizabeth H Pals to whom it may
concern.....Aug. 12, 1913
Aug. 14, 1913—LOT 23 BLK 1 Ar-
lington Heights, Bkly. G P Adams
to Junk-Riddell.....Aug. 14, 1913
Aug. 15 1913—S SIXTY-THIRD
148.04 E Racine E 40xS 100, Okd.
W S Young to whom it may con-
cern.....Aug. 11, 1913
Aug. 15, 1913—W ADELIN 115 N
41st 72x105, Okd. L D Fell to
Adolph Morgensen.....Aug. 14, 1913
Aug. 15, 1913—NE MARKET & 32ND
E 115xN 50, Okd. E B Hoegemann
to R Glaze.....Aug. 13, 1913

LIENS FILED.

ALAMEDA COUNTY.

Aug. 7, 1912—Nv. SEVENTH AND
Campbell W 25xN 100, Okd. L N
Cobbleclik Glass Co vs H J West-
dorf and Clark & Ward.....\$50
Aug. 11, 1913—LOT 6 BLK 18 Map
Melrose Heights Tract, Okd. Mel-
rose Lumber & Supply Co vs J
Baltor\$254.17
Aug. 11, 1913—LOT 12 BLK "A" Map
Kenwood Park, Okd. Cooper &
Son vs W M & Annie L Morris..\$22.50
Aug. 11, 1913—LOT 10 BLK "A" Map
Kenwood Park, Okd. Cooper &
Son vs J W Jones.....\$23.50
Aug. 11, 1913—LOT 22 BLK "E" Map
Kenwood Park, Okd. Cooper &
Son vs R S McHenry, W B McCoy
and J W Jones.....\$34
Aug. 12, 1913—LOT 47 BLK 6 Map
Berkeley Heights, Bkly. John
Laamanen vs David L Levy.....\$702
Aug. 12, 1913—LOT 30 BLK "D" Map
Toler Heights Okd. Hogan Lum-
ber Co vs E F Ferrell and John H
Platner\$30.40

**SAN JOSE & SANTA CLARA
CLARA VALLEY.**

CULVERTS — Reinforced concrete.
Cost not stated. San Mateo, San
Mateo Co., Cal. Engineer. County En-
gineer Neuman, Redwood City. Own-
ers. San Mateo County. Plans for two
reinforced concrete culverts with end
walls have been completed and ap-
proved. Bids are now being called for
by the Board of Supervisors and will
be opened on September 2nd. Plans
can be secured from the Clerk of the
Board of Supervisors. Official pro-
posals appear in another column of
this issue. Bids were opened on Mon-
day last by the San Mateo Board of
Supervisors for two bridges, one a re-
inforced concrete structure and the
other a frame bridge. Bids will ap-
pear in the next issue.
BUNGALOW — 1 story and base,
frame, \$2,300. San Jose, Santa Clara
Co., Cal. Architect, S. G. Pelton, 445
South 3rd St., San Jo e. Owner, Mahle
Pelton. The dwelling has been de-
signed to contain five rooms and bath.
Interior will be finished in pine

throughout with some hardwood floors
in the living room and dining room.
Tile will be used in the bath room and
kitchen. Exterior of the house will
be covered with cement plaster. The
same architect is also preparing plans
for the same owner for a second dwell-
ing, similar in design to the one above
described, and will shortly take figures
on both buildings.

BUNGALOW — 1 story and base,
frame, \$3,000. Redwood City, San
Mateo Co., Cal. Architects, National
Architectural and Engineering Co.,
First National Bank Bldg., S. P. Own-
er, G. L. Breeze, Redwood City. The
houses has been designed to contain
six rooms, bath and sleeping porch.
Interior finish and floors will be of
pine. There will be a large open fire
place in the living room with brick
mantel. An automatic water heater
will be installed. Tile will be used in
the bath room. Exterior of the dwell-
ing will be covered with rustic and
shingles. Plans are complete and the
work will be done by Day Labor.

Building Contracts.

SANTA CLARA COUNTY.

NO. 77 PLESANT, San Jose Five-room
cottage.
Owner.....T. Moso, Premises.
Architect...None.
Day's work. COST, \$300

NW SAN PEDRO & ACACIA, San Jose.
Five-room cottage.
Owner.....J. R. Ousley, — Lucilla
Ave., San Jose.
Architect...None.
Day's work. COST, \$1825

LOTS 29 AND 21 BLK 12 Hanchett
Park, San Jose. All work for six-
room bungalow.
Owner.....B. H. Praeger, San Jose.
De signer...A. P. Hill Jr., 226 Bank
of San Jose Bldg., S. J.
Contractor...P. T. Jorgenson, 517 W-
San Carlos, San Jose.
Filed Aug. 1, '13. Dated Aug. 1, '13.
Frame up and roof on.....\$1475
Plaster half on.....1475
House finished.....1475
Usual 35 days.....1475
TOTAL COST, \$5900
Bond, \$3009. Surety, F. W. Wehner
and F. H. Fiegel. Limit, 90 days. For-
feit, none Plans and specifications
filed.

LOT 6 BLK 5 RANGE 4 on South 3rd
St., San Jose. All work for one-
story 6-room bungalow.
Owner.....J. T. Cole.
Architect...Ye Plan Shop, Theatre
Bldg., San Jose.
Contractor...P. J. Schmidt, 1222 Delmas
San Jose.
Filed Aug. 1, '13. Dated Aug. 5, '13.
Frame up\$662
Plaster on662
House completed662
Usual 35 days.....Remainder
TOTAL COST, \$2648
Bond, \$1324. Surety, W. M. Stalker.
Limit, 60 days. Forfeit, none. Plans
and specifications filed.

LEVIN AVE 2 1/2 miles SE of Mountain
View All work for two-story frame
residence (plaster exterior).

Owner.....Clas. Escolle, Mountain View, Cal.
 Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.
 Contractor.....W. H. Bates, Mountain View, Cal.
 Filed Aug. 8, '13. Dated Aug. 4, '13.
 Frame up\$1300
 Brown coated 1300
 Building completed 1300
 Usual 35 days..... 13000
TOTAL COST, \$5200
 Bond, none. Sureties, Lester Swall & Geo. Parkin on Limit, 90 days. Forfeit, none. Plans and specifications filed.

WALSH RESIDENCE TRACT LOT 41, San Jose. All work for one-story frame residence.
 Owner.....A. J. Gerlach, Los Gatos.
 Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.
 Contractor.....H. Waltz, San Jose.
 Filed Aug. 11, '13. Dated Aug. 9, '13.
 Frame up\$470
 Plaster on 470
 When completed 470
 Usual 35 days..... 470
TOTAL COST, \$1880
 Bond, \$240. Sureties, G. Hurff and F. D. Wolfe. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FIRST 60 FEET S OF JULIAN ON E side of First Street, San Jose. All work except cement and floor for brick and frame garage and store building.
 Owner.....H. Hocker, 132 E-St. James San Jose.
 Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.
 Contractor.....R. O. Summers, 17 N-1st, San Jose.
 Filed Aug. 8, '13. Dated Aug. 5, '13.
 Frame up\$921 50
 Plaster on 921 50
 Building finished 921 50
 Usual 35 days..... 921 50
TOTAL COST, \$3686 00
 Bond \$1843. Surety, Title Guarantee & Security Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ON PINE AVE, San Jose. All work for one-story five-room frame cottage.
 Owner.....A. E. Margison.
 Designer.....C. S. Collins, San Jose.
 Contractor.....C. S. Collins, San Jose.
 Filed Aug. 6, '13 Dated May 29, '13.
 Frame up
 Plaster on
 Building completed
30 days after.....

TOTAL COST, 1968.41
 Bond, none. Sureties, Wm. Martin and Frank Cox. Limit, 75 days. Forfeit, \$1 per day. Plans and specifications, none.

S FRANKLIN ST., Santa Clara. All work for one story brick store.
 Owner.....V. A. Scheller, 1st National Bank Bldg., San Jose.
 Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.
 Contractor.....Morrison Bros., Santa Clara.
 Filed Aug. 1, '13. Dated July 30, '13.
 Floor joists up.....\$1180
 Brown mortar on..... 1180
 Building completed 1180
 Usual 35 days..... 1180
TOTAL COST, \$4720
 Bond, \$2360. Sureties, C. A. Morrison

and D. N. Wallace. Limit, 75 days. Forfeit, \$2. Plans and specifications filed.

NO. 135 N-SIXTEENTH, San Jose. Five-room cottage.
 Owner.....Mable Pelton, 415 S-Third, San Jose.
 Architect.....S. G. Pelton, 415 S-Third, San Jose.
 Day's work.....
COST, \$2300
NO. 784 N-THIRTEENTH, San Jose. One-story frame house.
 Owner.....S. Gardino, Premises.
 Architect.....None.
 Day's work.....
COST, \$400

NO. 79 W-SANTA CLARA, San Jose. Repair brick building.
 Owner.....Popp & Hogan, Premises.
 Architect.....None.
 Contractor.....Z. O. Field, 167 S-14th, San Jose.
COST, \$650

NO. 445 N-SIXTEENTH, San Jose. Five-room cottage.
 Owner.....Mable Pelton, 415 S-Third, San Jose.
 Architect.....S. G. Pelton, 415 S-Third, San Jose.
 Day's work.....
COST, \$2300

Building Contracts.

SAN MATEO COUNTY.

(Correction in Owner's Name.)

LOT 35 BLK 20 Crocker Estate Tract Sub. No. 1, San Mateo. One-story and basement frame dwelling.
 Owner.....A. H. & Emma A. Cobligh, 141 Collingwood, S. F.
 Architect.....O. E. Evans.
 Contractor.....O. E. Evans, 2367 Mission, San Francisco.

Filed Aug. 2, '13. Dated July 30, '13.
 Loan negotiated at 7% on signing of agreement.....\$500
 Frame up 1/4
 Brown mortar on..... 1/4
 Finished and accepted..... 1/4
 Usual 35 days..... 1/4
 Balance due to be paid in monthly installments of \$22.50 at 7% per annum
TOTAL COST, \$2500

Bond, none. Limit, 75 working days after date. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
 Aug. 1, 1913—**TWELFTH** near Jackson, San Jose, M L Tealmann to C F Jorgenson.....July 30, 1913
 Aug. 2, 1913—**BEING PTN OF PAPERSON** Ranch—500 acres—No. 61, near San Jose. Matilda Godfrey to A A Church.....Aug. 1, 1913
 Aug. 1, 1913—**NEAR ELEVENTH & Julian,** Cor., San Jo e. Frank Peres to whom it may concern.....Aug. 4, 1913
 Aug. 4, 1913—**NOS. 149-150-151 So First,** San Jose. John Stock to P T Jorgenson.....July 28, 1913
 Aug. 5, 1913—**SW VILLA & CASTRO** Mountain View, First National Bank to Wm Bates.....July 29, 1913
 Aug. 8, 1913—**COR. FIRST & ST.** John, San Jose. Elks' Club to Morrison Bros.....Aug. 6, 1913

Aug. 8, 1913—**WEHNER ROAD** near Evergreen. Peter Thompson to E J Marks.....Aug. 8, 1913
 Aug. 8, 1913—**ROOF ON MEMORIAL** arch, Stanford University, Cal. Stanford University to E A Hettlinger.....Aug. 5, 1913
 Aug. 8, 1913—**FIRST & ST. JOHN,** San Jose. Elks' Club to O S Faser.....Aug. 6, 1913
 Aug. 9, 1913—**COR. FIRST & SAN** Salvador, San Jo e. Julius Westnitzer to whom it may concern.....Aug. 9, 1913
 Aug. 9, 1913—**FOURTEENTH AND** Santa Clara, San Jose. S G Pelton to S G Pelton.....Aug. 8, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CITY HALL ALTERATIONS—2 story and base, brick and steel, \$15,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wieman, Producers' Bank Bldg., Bakersfield. Owners, City of Bakersfield. The old County Court House will be remodeled into a City Hall. Plans for this work are now being prepared. The work will include new interior finish, plastering, electric work, plumbing and painting. There will also be a large amount of cabinet work, office fixtures, etc. Exterior of the building will not be changed. Plans are being prepared.

DETENTION HOME—2 story and base, brick and steel, \$35,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Fresno County. This work has been mentioned here before when the architects were first commissioned to prepare plans. The building will contain class rooms, dormitories for males and females, dining rooms and manual and domestic science departments. Interior finish will be of pine with some maple floors. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened by the Board of Supervisors on September 8th. Plans can be secured from the architects or from D. M. Barnwell, County Clerk.

Contracts Awarded.

SCHOOL—1 story and base, frame, \$13,000. Bakersfield, Kern Co., Cal. Architect, J. M. Saffell, Bakersfield. Owners, Beardsley School District. Contractors, Dupes & Hansen, Bakersfield. Contract price, \$13,000.

MARIN, CONTRA COSTA AND SONOMA COUNTIES

Building Contracts.

MARIN COUNTY.

SAN ANSELMO. Excavating, concrete foundations, area ways, brick work, carpenter work, plumbing necessary for two toilets and painting for one-story school building.

Owner.....The Presbyterian Orphanage and Farm, Inc., San Anselmo.

Architect.....Thos. O'Connor.
 Contractor.....Fred H. Field.
 Filed Aug. 7, '13. Dated Aug. 4, '13.
 Frame up\$618.75
 Enclosed 618.75

Completed and accepted..... 618.75
Usual 35 days..... 618.75
TOTAL COST, \$2475.00
Bond, none. Limit, 45 days. Forfeit,
\$5. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Aug. 2, 1913—PTN SUB. NO. 3 LOT
141 Map Tamalpais Land & Water
Map No. 5, Mill Valley. John Earl
Baker to Higginson Co., Aug. 1, 1913
Aug. 5, 1913—LOT 274 Map Tamal-
pais Park Tet, Mill Valley. First
Methodist Church of Mill Valley
to J T Banagh and T A Cuthbert-
son..... July 14, 1913

Building Contracts.

CONTRA COSTA COUNTY.

W MT. DIABLO N SILVIA, containing
a frontage of 127½ feet. All work
for two-story brick building.
Owner.....W. W. Bacon, Concord.
Architect.....Francis W. Reid, Concord.
Contractor.....D. H. MacQuiddy, Concord
Filed Aug. 13, '13. Dated July 17, '13.
Lumber on ground.....\$2340
1st story walls up..... 2340
2nd story walls up..... 2340
Plastering done..... 2340
Building completed..... 2340
Usual 35 days..... 2900
TOTAL COST, \$15,600
Bond, \$7800. Sureties, John Ott, Frank
H. W. N. Finney, — Jackson and Dan
Matheson. Limit, 90 working days.
Forfeit, none. Plans and specifications
filed.

LOT 22 and S ½ LOT 21 Blk 134, City
of Richmond. Concrete work, brick
work, plastering, lumber and mill
work, sashes and doors, hardware,
plumbing and tinning for five-room
cottage.
Owner.....Madge A. Ripley, Rich-
mond.
Architect.....None.
Contractor.....J. A. Eastman, Oakland.
Filed Aug. 12, '13. Dated Aug. 8, '13.
Rough frame up.....\$532 50
Brown coat mortar on..... 532 50
Finished and accepted..... 532 50
Usual 35 days..... 532 50
TOTAL COST, \$2130 00
Bond, limit, forfeit, none. Plans and
specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Aug. 11, 1913—LOT 32 BLK 2 Rich-
mond Villa Tract. M Widrin to
Paul Glaser.....July 9, 1913
Aug. 11, 1913—LOT 18 BLK 115, City
of Richmond. Hoyt & Greene Inc
to C D Knolly.....Aug. 7, 1913
Aug. 11, 1913—LOT 17 BLK 115, City
of Richmond. Hoyt & Greene Inc
to C D Knolly.....Aug. 7, 1913

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Aug. 11, 1913—LOT 38 BLK 107, City
of Richmond. Richmond Lumber
Co to A M McCow.....\$25

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Steel and reinforced con-
crete, \$86,350. Sacramento, Cal. En-
gineer, County Surveyor, Sacramento.
Owners, Sacramento County. Due to
the fact that the Ross Construction
Company was awarded a contract to
construct the concrete bridge across
the American River under the old law,
which allowed County Supervisors to
expend only \$50,000 in any one fiscal
year for any one purpose, and the fact
that the new law removing this re-
striction went into effect Monday, the
Board of Supervisors rescinded the
action awarding the contract and will
readvertise for bids. The bids will be
opened September 12th. On the ad-
vice of the District Attorney and with
the consent of attorneys for the Ross
Construction Company the action was
rescinded, because it was feared some
person might enjoin the county when
the second payment on the contract
was made. According to the original
plan the Ross Construction Company
was to have been paid \$50,000 in one
fiscal year after the completion on the
bridge and the remaining \$33,957 in
the following fiscal year. This would
have avoided the law, but would have
left a loop-hole for an injunction re-
straining the county from paying the
second installment.

GARAGE—1 story, brick. Cost not
stated. Stockton, San Joaquin Co., Cal.
Architect, Ralph P. Morrell, Odd Fel-
lows Bldg., Stockton. Owner, F. W.
Rothenbush. The garage will be
erected on a lot adjoining the Imperial
Hotel, and will cover an area of 50x75
feet. There will be a cement floor,
pine interior finish, steel oil tanks and
a vacuum cleaning system. Metal
window sash and frames are specified.
Exterior of the building will be faced
with pressed brick. Plans are com-
plete and figures are being taken.

RESIDENCES—1 and 2 story and
base, frame. Cost not stated. Stock-
ton, San Joaquin Co., Cal. Architect,
none. The following Day Labor jobs
are reported as about to be started in
Stockton: William T. Weber, 1032
South Aurora St., 1 story frame cot-
tage, \$1,500; D. Burgess, 1643 South
San Joaquin street, 1 story frame cot-
tage, \$1,500; L. Lagoria, California and
North streets, 1 story frame cottage,
\$1,900, and Volunteers of America,
Stockton, 1 story frame dwelling, \$2,-
000.

BUNGALOW — 1 story and base,
frame, \$1,200. Stockton, San Joaquin
Co., Cal. Architect, Ralph P. Morrell,
Odd Fellows Bldg., Stockton. Owner,
Dr. Mapas. The dwelling has been de-
signed for a five-room house with
bath. Interior finish will be of pine
throughout. Some hardwood floors will
be used. There will be an open fire
place in the living room with tile or
brick mantel. Tile will be used in the
bath room and kitchen. Exterior of
the dwelling will be covered with rus-
tic, shingles and shiplap. Plans are
complete and figures are being taken.

RESIDENCE — 2 story and base,
frame, \$4,000. Stockton, San Joaquin
Co., Cal. Architect, Ralph P. Morrell,
Odd Fellows Bldg., Stockton. Owner,
Mrs. McInness. The dwelling has been
designed for a seven-room house with
bath and sleeping porch. Interior fin-
ish will be of pine and hardwood.

Hardwood floors will be used in the
living room, dining room and recep-
tion hall. Plans provide for steam
heat and open fire places. Mantels
will be of tile and brick. Tile wain-
scot will be used in the bath room
and kitchen. An automatic water heat-
er will be installed. Exterior of the
dwelling will be covered with rustic.
Plans are now being prepared.

RESIDENCES—1 and 2 story, frame.
Cost not stated. Sacramento, Cal. Ar-
chitect, none. The following Day
Labor jobs are reported as about to
be started in Sacramento: D. J. Jen-
kins, Elmhurst, Sacramento, 1 story
frame cottage, \$2,000; E. A. Pierce,
3525 Park Ave., 1 story frame cottage,
\$2,800; P. F. Reed, 2613 28th street, 1
story frame dwelling, \$2,000; E. Ball,
Ohio avenue, 1 story frame cottage,
\$1,500; M. B. Coresnia, 521 T street, 1
story frame dwelling, \$1,800; Manuel
Azevedo, 2020 4th street, alteration to
dwelling, \$1,000, and J. H. Dischler,
4018 G street, 1 story frame dwelling,
\$1,500.

RESIDENCE — 2 story and base,
frame and terra cotta tile, \$20,000.
Sacramento, Cal. Architect, A. D.
Nicholson, Whittell Bldg., S. F. Own-
er, J. B. Edwards. The dwelling will
contain in the neighborhood of 12
rooms, several baths and sleeping
porches. Interior finish will be of pine
and hardwoods. There will be a cen-
tral heating system, probably hot
water, and open fire places. Mantels
will be of tile and brick. Hardwood
floors will be used in the principal
rooms. Plans include tile bath room
floors and wainscot in the baths and
kitchen. An automatic water heater
and vacuum cleaning system. Exterior
of the dwelling will be faced with
terra cotta. Plans are complete and
figures are being taken for the work.

Contracts Awarded.

HOTEL—2 story and base, brick,
\$23,000. Stockton, San Joaquin Co., Cal.
Architect, Ralph P. Morrell, Odd Fel-
lows Bldg., Stockton. Owner, Mr.
Rossi. Contractor, Frank Tucker,
North Sierra Nevada street, Stockton.
Contract price, \$23,000. Note: The
building will cover an area of 101 feet
square.

Building Contracts.

SACRAMENTO COUNTY.

E ½ LOT 2, W. X, 5TH AND 6TH, Sac-
ramento. Erect dwelling.
Owner.....M. B. Coresnia, 521 T St.,
Sacramento.
Architect.....None.
Day's work COST, \$1800

S ½ OF N ½ LOT 5 T, U, 3RD & 4TH
Sts., Sacramento. Alter dwelling.
Owner.....Manuel Azevedo, 2020 4th,
Sacramento.
Architect.....None.
Contractor.....V. Valline, 1215 D St., Sac-
ramento.
COST, \$1000

N ¼ LOT 4, W. X, 23RD AND 24TH
Sts., Sacramento. Erect dwelling.
Owner.....B. Gallup, 1515 15th, Sac-
ramento.
Architect.....None.
Contractor.....W. P. Cippa, 341 21st St.,
Sacramento.
COST, \$2200

LOT 13 MT. CLAIR TCT, Sacramento.
Erect dwelling.
Owner.....J. H. Dischler, 4018 G St.,
Sacramento.
Architect...None.
Day's work. COST, \$1500

LOT 6 S, T, 6TH AND 7TH STS., Sacra-
mento. Alterations.
Owner.....John Patterson, 623 T St.,
Sacramento.
Architect...None.
Contractor...B. E. Hart, 2921 I St., Sacra-
mento.
COST, \$500

LOT 14 BLK 5 Maple Park, Sacramento.
Barn.
Owner.....C. Edward Pease.
Architect...None.
Contractor...J. S. Connel, 708 People's
Bank Bldg., Sacramento.
COST, \$1000

W 1/2 LOT 5, H, I, 8TH AND 9TH STS.,
Sacramento. Erect brick building.
Owner.....Nellie and Nora Davoux,
912 M St., Sacramento.
Architect...None.
Contractor...W. C. Keating, 327 Forum
Bldg., Sacramento.
COST, \$3100

W 1/2 LOT 7, O, P, 12TH AND 13TH
STs., Sacramento. Erect garage.
Owner.....Mrs. C. Schwilk, 1227 P St.,
Sacramento.
Architect...None.
Contractor...C. Vanina, 2022 M St.,
Sacramento.
COST, \$400

N 90 FEET OF E 60 FEET LOT 4, K,
L, 5th and 6th STs., Sacramento.
Alter building.
Owner.....Masonic Temple Ass'n.
Architect...None.
Contractor...G. A. Wendt, 2130 M St.,
Sacramento.
COST, \$1800

LOT 3 SUB 2, Boxler Tct., Sacramento
Dwelling.
Owner.....E. A. Pierce, 3526 Park
Ave., Sacramento.
Architect...None.
Day's work. COST, \$3000

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED	ACCEPTED
Aug. 11, 1913—LOT 119 SEC 6 East Lawn Cemetery, Sacramento. Adolph Scheld to I L Delano & Sons.....	July 31, 1913
Aug. 8, 1913—N 1/4 LOT 5 and E 30 of N 1/4 Lot 6 K, L, 10th and 11th STs., Sacramento. Miss Annie C Heisen to Campbell & Turner....	Aug. 6, 1913

Building Contracts.

SOMOMA COUNTY.

HUMBOLDT STREET, Santa Rosa. In-
side tinting and outside painting for
Santa Rosa High School.
Owner.....Dr. F. O. Pryn, Secretary
of Board of Education.
Architect...None.
Contractor...L. Ruderman, 2763-A Bush,
San Francisco.
Not filed.
On 1st and 15th of each month 75%

Usual 35 days.....Balance
— TOTAL COST, \$1095
Bond, \$550 (cash bond). Limit, Aug. 18
for inside work and Sept. 23 for out-
side work. Forfeit, none. Plans and
specifications, none.

LIENS FILED

SACRAMENTO COUNTY.

RECORDED	AMOUNT
Aug. 12, 1913—LOT 13 BLK 1 Richard Turner Sub., Sacramento. Scott, Lyman & Stack vs H H and Ethel Mull	\$27.50

LOS ANGELES AND SOUTH-CALIFORNIA.

APARTMENT HOUSE—4 story and
base, brick and steel. Cost not stated.
Los Angeles, Cal. Architects, J. Mar-
tyn Haenke and W. J. Dodd. Story
Bldg., L. A. Owner, Dr. Bosworth.
The building will be erected at the
corner of Shatto and Lucas streets,
covering an area of 100x175 feet. Plans
provide for a total of 135 rooms which
will be arranged in two and three
room suites with wall beds and
private bath rooms. There will be steam
heat, elevator service, a vacuum clean-
ing system and hot and cold water
supply. Interior finish will be of
pine, birch and some hardwood floors.
Bath rooms will have tile floors and
wainscot. Metal window sash and
frames are specified. Marble and tile
will be used in the lobby and entrance.
Exterior of the building will be faced
with pressed brick. Plans are being
prepared.

APARTMENT HOUSE—3 story and
base, frame, \$65,000. Hollywood, Los
Angeles Co., Cal. Architect, Rudolph
F. Schering, 529 West 8th street, L. A.
Owners, Coast Utilities Investment Co.
The building will be erected at the
corner of Garfield Place and Holly-
wood street, covering an area of 88x
185 feet. Besides the lobby, sun par-
lor and amusement rooms the building
will contain a total of 210 rooms,
which will be arranged in two, three
and four room suites. Interior finish
will be of pine throughout. All apart-
ments will have private bath rooms
and will be equipped with wall beds.
Bath rooms will have cement floors and
tile wainscot. Plans provide for steam
heat and a vacuum cleaning system.
Exterior of the building will be cov-
ered with cement plaster on metal
lath. Plans are being prepared.

HOTEL—4 story and base, Class B
construction. Cost not stated. Los
Angeles, Cal. Architect, Anton Reif,
Higgins Bldg., L. A. Owners, John G.
Orth, Susan B. Campbell and Benj.
Weingert. The building will be erect-
ed on an inside lot with a street front-
age of 67 feet and a depth of 147 feet.
Upper floors of the building will con-
tain a total of 202 guest rooms, a
large per cent of which will have con-
necting baths. Interior finish will be
of pine and hardwoods with orna-
mental plaster in the lobby and offices.
There will be steam heat, elevator
service, vacuum cleaning system and
hot water supply. Bath rooms will
have cement floors and tile wainscot.
Metal lath and plaster interior parti-
tions will be used and metal window
sash and frames. Exterior will be

faced with pressed brick. Plans are
being figured.

LOFTS—5 story and base. Class B
construction. Cost not stated. Los
Angeles, Cal. Architect, A. F. Rosen-
heim, H. W. Hellman Bldg., L. A. Own-
ers Besinger Estate. The building will
be erected on Los Angeles street near
9th and has been designed for a high
class commercial building. There will
be four elevators, metal window sash
and frames, fireproof doors and a steam
heating system. Interior finish and
floors will be of pine. Patent store
fronts will be installed. Exterior of
the building will be faced with pressed
brick and terra cotta. Plans are com-
plete and figures are being taken.

APARTMENT HOUSE—3 story and
base, frame, \$22,000. Los Angeles, Cal.
Architect, F. A. Noyes, Jr., California
Bldg., L. A. Owner, Dr. L. E. Wyckoff.
The building will cover an area of 43x
100 feet, and has been designed to con-
tain 53 suites arranged in suites of two
and three rooms. Interior will be fin-
ished in pine with some elm panels and
hardwood floors. There will be steam
heat and an automatic elevator. Bath
rooms will have cement floors and tile
wainscot. All suites will be equipped
with wall beds and will have private
bath rooms. Exterior of the building
will be covered with cement plaster on
metal lath. Plans are complete and
work will be started at once.

MUSIC HALL—2 story and base, re-
inforced concrete, \$90,000. Claremont,
Los Angeles Co., Cal. Architect, Myron
Hunt, Hilmerian Bldg., L. A. Owners,
Pomona College. The building has
been designed in the shape of a letter
Y, and will have a total frontage of
260 feet and an average width of 45
feet. The main auditorium will seat
1,000 people. Re-ides this room plans
provide for 8 studios and 16 practice
rooms. Interior will be finished in pine
and hardwoods. There will be steam
heat, hollow tile interior partitions
and metal window sash and frames. A
clay tile roof will be used. Exterior of
the building will be faced with cement
plaster. Plans will be complete and
figures called for within a month.

SCHOOL—2 story and base, brick,
\$45,000. Brawley, Imperial Co., Cal. Ar-
chitect, Norman F. Marsh, Broadway
Central Bldg., L. A. Owners, Brawley
High School District. This is the first
of a group of buildings which will
eventually comprise the Brawley High
School. The building has been de-
signed as an administration building,
and will cover an area of 104x145 feet,
containing ten class rooms, auditor-
ium, domestic science departments,
physical and chemical laboratories, of-
fice and rest rooms. Interior finish will
be of pine with some maple floors.
Plans provide for steam heat and a
vacuum cleaning system. Exterior of
the building will be faced with sand
lime brick. Plans are being prepared.

BRIDGE—Steel and concrete. Cost
not stated. Navajo Indian Reservation,
New Mexico. Engineers, U. S. Indian
Department, Washington, D. C. Own-
ers, United States Government. Plans
have been completed and bids will be
opened on September 15th for the con-
struction of a steel and concrete bridge
over the San Juan River. Plans can
be secured from the Commissioner of
Indian Affairs in Washington, D. C.

HOSPITAL—2 story and base, brick
and concrete, \$25,000. Santa Ana,

Orange Co., Cal. Architect, Frederick H. Ely, Hervey-Finley Bldg., Santa Ana. Owners, Orange County. All bids received on August 5th for the construction of this building have been rejected. Plans are now out for new figures and bids will be opened by the Board of Supervisors on August 28th. Plans can be secured from the architect.

Contracts Awarded.

HOTEL—1 story and base. Class C construction, \$41,187. Los Angeles, Cal. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. Contractors, Alta Planing Mill Co., 830 McGarry St., L. A., general construction only. Contract price, \$41,187. This contract does not include plumbing, heating, vacuum cleaning, elevator work, painting or store fronts.

HOTEL—4 story and base, brick and stone, \$35,000. Los Angeles, Cal. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owner, N. C. Cramer. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$35,000.

APARTMENT HOUSE—3 story and base. Class C construction, \$60,000. Los Angeles, Cal. Architect, Fernand Parmentier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. Contractor, Milton A. Fly, Los Angeles Investment Bldg., L. A. Contract price not stated. Note: The contract has been taken on a percentage basis.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Los Angeles, Cal. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owners, Architectural Construction Co., Contractors Architectural Construction Co., Story Bldg., L. A. Contract price, \$20,000.

APARTMENT HOUSE—3 story and base, frame, \$43,000. Los Angeles, Cal. Architect's name not given. Owner, Charles H. Louis. Contractors, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Contract price, \$43,000.

APARTMENT HOUSE—4 story and base, brick and steel, \$66,750. Los Angeles, Cal. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Howard W. Squires. Contractors, Pacific States Investment Co., 125 South Broadway, L. A. Contract price, \$66,750.

CHURCH—2 story and base, reinforced concrete, \$25,000. Glendora, Los Angeles Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Methodist Episcopal Church of Glendora. Contractor, H. G. Baker, Glendora. Contract has been taken on a percentage basis.

FACTORY—1 story and base, brick, \$32,500. Van Nuys, Los Angeles Co., Cal. Architect's name not given. Owners, Johnston Piano and Organ Manufacturing Co., Contractors, F. O. Engstrom Co., 5th and Seaton Sts., L. A., general construction, \$32,500.

HOTEL—3 story and base. Class C construction, \$90,000. Los Angeles, Cal. Architect's name not given. Owner, Walter H. Fisher, Union Oil Bldg., L. A. Contractor, Alex. Grant, L. A. The contract has been taken on a percentage basis. Building will cover an area of 100x150 feet.

HOTEL—4 story and base, brick and steel, \$55,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A.

Owner, Sydney Goldman. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$55,000.

LIBRARY—1 story and base, brick and steel, \$26,485. Alhambra, Los Angeles Co., Cal. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owners, City of Alhambra. Contractor, H. F. Roberts, 203 North Marguerita street, Alhambra. Contract price, \$26,485.

ROUND HOUSE—1 story, reinforced concrete, \$35,000. Redondo Junction, Los Angeles Co., Cal. Engineer, Engineering Department Santa Fe R. R. Co. Owners, Santa Fe R. R. Co. Contractors Van Sant-Houghton Co., Oakland. Contract price, \$35,000.

SCHOOL—2 story and base, brick, \$30,000. Los Angeles, Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Woman's Board of Home Missions of the Presbyterian Church. Contractor, E. Gardner, 469 East 4th street, L. A. Contract price, \$30,000.

PORTLAND AND OREGON.

BANK—2 story and base, brick and tile. Cost not stated. Sheridan, Ore. Architects, L. R. Bailey Co., Abington Bldg., Portland. Owners, Sheridan State Bank. The structure will cover an area of 25x90 feet and will be modern in every respect. The first floor will be arranged for banking quarters, directors' room, cloak rooms and lavatories. Interior finish will be of mahogany. Upper floor will be arranged for offices and will be finished in hardwoods. There will be a special fireproof vault, metal window sash and frames and steam heat. Some ornamental bronze will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BANK ALTERATION AND ADDITION—2 story and base, brick and steel. Cost not stated. Roseburg, Ore. Architects, J. H. Vogt and Frank T. Griffith, Portland. Owners, Douglas National Bank. The first work to be undertaken will be the rearrangement of the present banking quarters and installation of new interior finish. Italian marble and mahogany will be used. New electric work, plumbing and vaults will also be installed. After this work has been completed the directors will authorize the construction of two additional stories, making the building four stories high. Plans are being prepared.

CHURCH—3½ story and base, brick and reinforced concrete. Cost not stated. Portland, Ore. Architects, Tourtellette & Hummel, Rothchild Bldg., Portland. Owners, Bethel African Methodist Church. The new church will be erected at the corner of 10th and Davis streets, and will cover an area of 25x100 feet. The main floor will contain the pastor's residence, study and Sunday school rooms. Second floor will be arranged for the main auditorium and lecture halls. Interior finish will be of pine throughout. There will be a central heating system. Ornamental plaster will be used in the auditorium. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

STORES—1 story and base, brick. Cost not stated. Portland, Ore. Archi-

tect, Earl A. Roberts, Selling Bldg., Portland. Owners, William Mall et al. The building will be erected on a corner site, covering an area of 50x100 feet. There will be six stores. Interior finish will be of pine throughout. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with white glazed terra cotta. Plans are complete and figures are being taken.

FACTORY—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architects, L. R. Bailey Co., Abington Bldg., Portland. Owners Puritan Manufacturing Co. The building will be erected at the corner of East 5th street and Oak, and will cover an area of 50x100 feet. A portion of the first floor will be used for offices and will be finished in pine. Balance of this floor will be occupied by the shipping department and storage space. Upper floor will contain the manufacturing space and machinery. There will be metal window sash and frames. Exterior of the building will be faced with stock brick. Plans are complete and segregated figures are being taken on the various parts of the work.

Contracts Awarded.

SCHOOL—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, F. A. Baramore, City of Portland Bldg., Portland. Owners, City of Portland. Contractors, The Litherland-Abrey Co., Beck Bldg., Portland. Contract price not stated.

LAUNDRY—2 story and base, brick. Cost not stated. Salem, Ore. Architect's name not given. Owners, Cascades Laundry Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price not given.

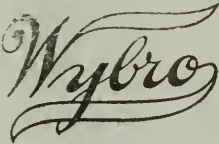
MAUSOLEUM—Stone and reinforced concrete, \$35,000. Portland, Ore. Architects, Ellis F. Lawrence and William C. Holford, Chamber of Commerce Bldg., Portland. Owners, Portland Mausoleum Co. Contractors, Burgoyne Stone Co., Westminster Church, East Side, Portland. Contract price, \$35,000.

SCHOOL—2 story and base, brick, \$26,900. Cottage Grove, Ore. Architects, Tourtellette & Hummel, Rothchild Bldg., Portland. Owners, Cottage Grove School District. Contractor, W. O. Heckart, Eugene. Contract price, \$26,900.

SEATTLE AND WASHINGTON.

PASSENGER STATION—2 and 3 story and base, steel and reinforced concrete, \$500,000. Spokane, Wash. Architect's name not given. Owners, Oregon-Washington Railway and Navigation Co., Mr. J. R. Holman, representing the O.-W. R. and N. Co., Spokane, states that the opening date for bids on this work has been postponed from August 20th to September 9th. The building has been fully described in these columns before. Plans can be secured by applying to Mr. Holman, in care of the owners at Spokane.

ARMORY—2 story and base, reinforced concrete, \$65,000. North Yakima, Wash. Architect's name not given. Owners, State of Washington. Plans for the new armory building which is to be erected at North Yakima have been completed. These plans are now on file in the office of Adj. General Leewellyn, Armory Bldg., Se-



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attle. Bids are being taken and will be opened on September 16th.

Contracts Awarded.

THEATRE REMODELING—Brick and steel construction, \$50,000. Seattle, Wash. Architect, Francis W. Grant, Globe Bldg., Seattle. Owners, star Theatre. Contractor, James Murdock, 726 11th Ave., Seattle. Contract price, \$50,000. Note: The contractor is now taking sub-figures on all parts of this work.

GRAIN ELEVATOR—8 story, reinforced concrete and steel, \$25,000. Seattle, Wash. Architect's name not given. Owners, Charles H. Lilly Co. Contractors, Brayton Eng. Co., Portland, Ore. Contract price, \$25,000.

LIBRARY—1 story and base. Class A construction, \$30,000. Seattle, Wash. Architect, W. Marlbury Sommervell, White Bldg., Seattle. Owners, City of Seattle. Contractors, Shephard & Warrack, Downs Bldg., Seattle, general construction, \$24,915.25; Ne Page-McKenny Co., Prefontaine Bldg., electric wiring, \$285; Simpson-Pepper Co., 314 James street, plumbing, \$964, and T. J. Garrison, Hinckley Bldg., heating, \$1,561.

SCHOOL GROUP—Mechanical arts, agriculture and two minor buildings. Class A construction. Cost not stated. Pullman, Wash. Architect's name not given. Owners, Washington State College. Contractor, J. B. Sweet, Spokane, general construction, \$198,550.

WAREHOUSE—2 story and base, brick. Cost not stated. Seattle, Wash. Architects, Saunders & Lawton, Alaka Bldg., Seattle. Owners, Schwabacher Land Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price not stated.

AMERICAN LOSSES IN MEXICO.

Statistics compiled from the latest Conular reports from Mexico show that about 20,000 of the 40,000 Americans in that country in 1912 are there today, and that the \$1,957,770,000 of American investments south of the Rio Grande have depreciated approximately 50 per cent. Of this nearly \$159,000,000 is estimated to be attributable to the ravages of the continuing factions.

North of parallel 26 are the states of Sonora and Chihuahua and portions of Lower California, Coahuila, Nuevo Leon and Durango.

In Sonora there are about 1200 Americans, and damage to American property is estimated at \$12,000,000; in Chihuahua 1600 Americans, property damages, \$18,000,000; Lower California, 800 Americans, property loss \$1,500,-

000; northern portion Coahuila, 1000 Americans, property loss \$10,000,000, and northern portion Nuevo Leon, 700 Americans, with a property loss of about \$500,000.

The loss in Northern Durango is negligible.

Immediately south of parallel 26 lie the greater portion of Sinaloa, Durango, Nuevo Leon, Tamaulipas and a small part of Coahuila. In Sinaloa there are about 500 Americans, and the property damage is figured at \$100,000; in Southern Durango, 175 Americans, property damage \$80,000; Southern Coahuila, 75 Americans, property loss \$10,000; Southern Nuevo Leon, 125 Americans, property loss \$15,000, and in Tamaulipas there are about 750 Americans, who have sustained a property loss of \$50,000.

It is in these portions of Mexico that the most strenuous fighting has taken place. Statistics show that there are about 7000 Americans protecting property in this region at the present time, and the damage done to American holdings amounts to \$42,255,000.

South of this lie the eighteen remaining states of the Mexican republic. In this territory are about 1400 American citizens, who have sustained a property loss of approximately \$60,000,000.

The largest number of Americans in a restricted territory are in the Federal district surrounding the City of Mexico. Property losses here aggregate about \$35,000,000. There were 3045 Americans in that territory, according to the last report.—New York American.

WISCONSIN'S LAND TAX PROPOSAL.

Wisconsin at the last session of its legislature adopted a constitutional amendment which is intended to provide for the single tax.

The text of the amendment is as follows:

"The legislature shall have power to authorize counties, towns, cities and villages, by vote of the electors therein to exempt from taxation, in whole or in part, designated classes of property; but the value of such property exempted by any county shall be included in the assessment and equalization for state taxes, and the value of such property exempted by any town, city or village shall be included in the assessment and equalization for city and county taxes."

The amendment is so drawn as to leave discretionary power in the legislature as in the case of the income tax constitutional provision.

The history of this amendment is

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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politically interesting in a farming country which regularly gave 500 republican majority. A democratic farmer who was a homesteader there, ran on platform which consisted solely of his amendment. On it he won the democratic primary nomination and carried the election in the county by 700 majority, making a change of 1,300 votes. This amendment in the assembly was fathered by a republican committee and passed the assembly by a vote of 68 to 20. In the senate the vote first taken was a tie, but on reconsideration it carried by 20 to 10.

The question of exempting improvements from taxation is now the chief political issue in Wisconsin and one effect of passing the amendment already has been that big land speculators who have been holding for a rise are now trying to sell to actual settlers.

The progress of the Wisconsin campaign is bound to attract national attention. Single taxation has been experimented with in four American cities but Wisconsin is the first commonwealth in which it is to be a state issue. The result, if the amendment carries and should be successful, will be even more far reaching than any other of Wisconsin's reforms.

INVESTMENT COMPANIES ACT.

The Investment Companies Act, better known as the blue sky law, against which referendum petitions have been filed, will be voted upon by the electorate at the State election in November, 1914. It was to have gone into effect November 1, 1913.

An "Investment company," under the Act, includes every private corporation, association, co-partnership and company, which sells, offers for sale, negotiates for the sale of or takes subscriptions for any stock, certificates, bonds or other evidence of indebtedness. The Act applies to all investment enterprises except where the Railroad Commission already has control.

The investment company shall file with the Commissioner of Corporations an application for permission to sell its securities, accompanied by an itemized statement of financial condition, in form and detail as the Commissioner may prescribe.

The Commissioner is given plenary powers of examination and investigation. If he finds that the proposed plan of business is not unfair, unjust or inequitable, he shall issue a certificate authorizing sale of securities. This certificate is permissive only and does not constitute indorsement of the

securities. The Commissioner may impose conditions as he sees fit and from time to time may amend the certificate.

Brokers and agents shall obtain authorization from the Commissioner before being permitted to sell securities authorized by him.

The Commissioner will have general supervision and control over investment companies and brokers, and they shall at all times be subject to investigation by him.

No company shall give out any advertisement, pamphlet, prospectus or statement without the Commissioner's approval.

The companies must file detailed reports as to sales of securities and disposition of proceeds.

Companies created under the law of another state, territory or government must file a written instrument appointing the Commissioner its true and lawful attorney, upon whom processes may be served.

The Act creates a "State Corporation Department," of which the chief shall be the Commissioner of Corporations. He is to be appointed by the Governor and serve at his pleasure. The salary is fixed at \$5000 a year.

The Act is so designed that a clearly legitimate business will not be hampered by red tape. The Commissioner may allow it to proceed forthwith. He is, on the other hand, equipped with summary power to act promptly and effectively as regards unfair and dishonest companies. The commissioner's authority corresponds to that of the Railroad Commission over public utilities.

GREAT OUTPUT OF LIME.

Production for 1912 More Than Three and a Half Million Tons.

Figures obtained by the United States Geological Survey from the producers of lime throughout the country show that in 1912 the demand for lime was greater than ever before and that the resulting production was the largest in the history of the industry. The total production of lime in 1912 was 3,529,462 short tons, valued at \$13,970,114 as compared with 3,392,915 short tons, valued at \$13,689,054 in 1911, an increase of 136,547 short tons in quantity and \$281,060 in value.

The total number of plants operating in 1912 was 1,018, as compared with 1,139 in 1911. This decrease in the number of producers was due in large part to the inactivity of small kilns operated by farmers for burning lime for local use as a soil sweetener and in part to the tendency of the industry toward concentrating plants into fewer and larger units. The heaviest decrease in the number of producers was in Pennsylvania, a State in which it has been a common practice for many years for farmers to burn small quantities of limestone quarried on their own farms for private use, and this large decrease is due almost wholly to the farmers' later practice of buying their lime already burned and to their use of fertilizer in preference to lime.

The five leading States in 1912 were, in the order of production, Pennsylvania, Ohio, Wisconsin, West Virginia, and Maine. Maine has supplanted Missouri, which occupied fifth place in

1911. Pennsylvania, which has long held first rank in both the quantity and the value of lime produced, in 1912 made a total output of 849,159 short tons, valued at \$2,679,420.

The uses to which lime is put are many. The quantity of building lime used in 1912 was 1,556,446 short tons, which exceeded that of 1911 by 67,879 tons, but that the value, \$6,571,479, was \$184,410 less than the value in 1911. There was a slight increase in the use of lime by chemical works, paper mills, and tanneries, but a decrease in its use in sugar factories. The use of lime in fertilizers also increased, the figures for 1912 being 604,607, valued at \$1,852,330, compared with 596,664 short tons, valued at \$1,714,386, in 1911. This increase in the use of lime on the land may perhaps be attributed in part to the tendency in recent years of city people to go back to the farm or to take up agricultural pursuits on a scientific basis.

Lime is also used as a plant food; it has been the common practice for farmers in some part of the country to spread it upon the fields and plow it under in order to sweeten the soil. The use of lime renders available the plant food already contained in the soil.

ISLAND OF MAUI.

The island of Maui has an area of 728 square miles and it is the second largest of the Hawaiian group. Its greatest length is about 47 miles from north-west to southeast. The greatest width is about 25 miles and the least width, across the isthmus connecting East and West Maui, is 6 or 7 miles.

Erosion has produced some picturesque valleys and canyons on the island that are probably unsurpassed anywhere else in the Hawaiian group. The most notable of these is Iao Valley, whose broad amphitheatre at the head is 4,000 feet below the summit of Puu Kukui overlooking it. West Maui is much the older of the two Maui mountains. No trace of the original crater that must have formed is seems to exist. From the summit, at an elevation of 5,790 ft., many sharp ridges that have been worn almost to knife-edges radiate in nearly every direction.

East Maui is one of the younger mountains of the group. Its crater Haleakala, at the summit, 10,000 feet above the sea level, is the largest extinct crater in the world and is as well preserved as if its fires were extinguished but yesterday. The crater is 20 miles in circumference and 2,000 feet deep and contains many cinder cones, some of which rise 700 feet above its floor.

The shore line of Maui is fairly regular, there being no prominent points or capes. Cliffs exist on the northeastern coast, but they are not very high. Maalaea, on the south side of the isthmus, is the largest bay. The only harbor is Kahului, on the north side of the isthmus.

The rainfall varies greatly in different parts of the island. On the west and south coasts it ranges from 20 to 30 inches annually and semiarid conditions prevail. On the northeast coast the rainfall is heavy, ranging from 100 to 300 inches or more. Streams are numerous on the northeastern and southern slopes of East Maui, but the largest and most constant streams are

on West Maui. Practically all the streams are used to irrigate cane and taro, the staple root crop of the south Pacific islands, is grown in some of the valleys and a small quantity of rice is also grown, both requiring irrigation.

An interesting description of the island and records of stream and ditch flow gathered during the an investigation by the United States Geological Survey in cooperation with the Territory of Hawaii, are contained in Water Supply Paper 318, a copy of which may be obtained on application to the Director of the Survey at Washington, D. C.

AN EAST INDIAN IRRIGATION ENTERPRISE.

The greatest enterprise ever undertaken by British irrigation engineers as just reached its completion. The Lower Bari Doab canal in the Punjab, the third and last section of the "Triple Canal Project," has been finished, and vast areas in the Punjab are receiving irrigation.

The Lower Bari Doab canal is unusual in its construction, for it actually crosses upon a level the important river Ravi. The canal has cost about \$7,500,000 and it is expected that it will irrigate over 571,000 acres of crops. The Chenab canal, which is another section of the Triple Project, alone irrigates an area equivalent to two-fifths of the whole cultivable area of Egypt. The great Punjab canals have done more, for they have liberally peopled the desert wastes. The cultivators have been established in districts which were formerly quite useless. Their villages are thriving, their land is growing in value, and for them the desert sands have indeed proved golden.

The Triple Project cost \$35,000,000, but it yields to the government a return upon capital outlay of 7½ per cent. Yet it means affluence to the peasantry also, and life in the canal zone is so popular among the stalwart men of Northern India that the development of irrigation is seriously affecting the recruiting for the Indian army.—Philadelphia Telegram.

THE DESTRUCTIVE GOPHER.

The superintendent of the State Board of Agriculture of Nebraska recommends concentrated lye as a destroyer of pocket gophers. With a small iron rod he finds the runway of the gopher, makes a hole down into it, and pours a little dry powdered lye down into the gopher's highway. The gopher gets the lye on his feet, licks it off, and thus is poisoned. If this will work with pocket gophers, there would seem to be no reason why it will not destroy ground squirrels, prairie dogs, meadow moles, woodchucks and other burrowing pests. But first we must recognize the extent of the evil.

Few persons realize the millions of dollars in damages caused by these little animals, in meadows, lawns, orchards, and cultivated fields. There are many ways of poisoning them, none of which will work all of the time, but some will help every day in the year. Use them all, and make the conditions unhealthy for the burrowers all through the season. The evil may be cut down, if not abolished.

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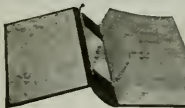
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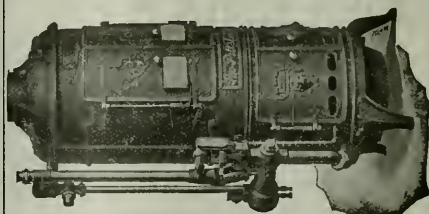
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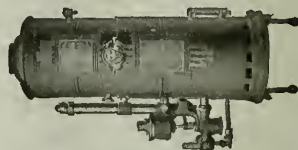
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Hennessey, A. E.
Hoggin, Chas.

Hildebrand, C.
Hobro, W. D.
Hondet, J.

Hoffman & Scha-

Houston, J. J.
Kane, Jas. I.
Ka, F. E.

Kayser, Chas.
Klein, A. E.
Klimm, Frank J.

Klirman & O'Brien
Knoles, F. T.
Koch, F. & Son

Kramer, J.
Kraus, E.
Kroger, F. C.

Kurtz, A. L.
La Chapelle, W.
Lang, Leonard

Lauder, H. I.
Lawson, Herman
Leiser Bros.

Lettich, J. M.
Levy, M.
Leu, M.

Looney, J.
Lubliner, C. W. Co
Mackie, R. W.

McCarthy, Chas. T.
MacDonald, A. W.
McEnhill, Leo

McLeod, J. J.
Meehan, P.
Mensor, G. W. Co

Meyer, S.
Mitchell, M. A.
Moenning & Co.

Moller, W. D.
Mollis, Herbert L.
Mollis, T. B.

Morrice, T. B.
Morrison & Bevi-

lockway
Mulholland, J. A.
Murray, Roy

Murray Bros.
Newmark, A.
Neuman, John

Orchardt & Van
Cromburgs Co.
O'Mara, J. E.

Petazzi, H. J.
Petersen, S.
Plevin & Morrice

Power & Pike
Raische, Fred
Rehn, C.

Richardson, J. &
Son
Rohr, Jos.

Ryan, P. J.
Saaso, Frank
Schallch, J. A.

Schlevo, Theo.
Schmidt, Chas. Co
Shepard Bros.

Singewald, J.
Skelly, Thos.
Slattery, M.

Spook, W. S. &
Son
Spencer Plumb-

ing Co.
Stalder & Hinkel-

feld
Stevens, Jas. F.
Strohmer & Koe-

nick
Sturck, C. G.
Sutton Co.

Szanki, S.
Taylor & Pritch-

ard
Thipert, J. C.
Trezie, J. S.

Trezie, A. G.
Turner Co.
Von Tegen & Mol-

ward, Hugh

Watson, Chas.
Weck & Co.
Westphal, H. N.

Wetzel & Grass
Whitley, H. T.
Whitman - Ly-

Williamson, H. Co
Wilson, W. F. Co.
Williams, O. F.

Wiesendung, P.
Kurtz, A. L.
La Chapelle, W.

Lang, Leonard
Lauder, H. I.
Lawson, Herman

Leiser Bros.
Lettich, J. M.
Levy, M.

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Lubliner, C. W. Co
Mackie, R. W.

McCarthy, Chas. T.
MacDonald, A. W.
McEnhill, Leo

McLeod, J. J.
Meehan, P.
Mensor, G. W. Co

Meyer, S.
Mitchell, M. A.
Moenning & Co.

Moller, W. D.
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Morrice, T. B.
Morrison & Bevi-

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Petersen, S.
Plevin & Morrice

Power & Pike
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ard
Thipert, J. C.
Trezie, J. S.

Trezie, A. G.
Turner Co.
Von Tegen & Mol-

ward, Hugh

Sorensen, R.
Sovig, C. B.
Slevets, C.

Spark, John
Tozer Co.
Welmunn, Chas.

Wend, G. W.
Woodall, B. F.
Weiser, J. H.

Wolk, M.
Weiss, M. B.
Zelinski, R.

Allen, C. J.
Arlott, Arthur
Anderson, N.

Alexander, Robt.
Butcher, Thos. W.
Brady, M. V.

Butler, Thos.
Butler, W. A.
Brady, O. E.

Beck, Adam
Barker, Geo.
Byron, D. J.

Brandon, E. J.
Butler, J. J.
Brigham, H. B.

Brennan, E.
Carr, J. W.
Collins, Jerome

Campbell, T. J.
Collins, R. J.
Collins, Jean

Carnahan, E. E.
Downey, John
Drake, H. E.

Fennell, Jas. S.
Fennell, Martin
Ferris, Chas.

Farrell, Gen.
Gilbertson, Louis
Gillon, J. E.

Gale, M. F.
Gardiser, F.
Gladding, McBean

& Co.
Hock, Chas. H.
Hadley, Chas.

Hibbins, Geo.
Hogberg, Emil
Koldenstrodt, F.

Larsen, N. H.
Larsen, H. H.
Lawson, A. W.

Lindgren, C. J.
Ludwig, John
Mearns, J. C.

McWhirter, W. J.
McCall, Wm.
McCall, Elvin

McLean, M. B.
Miller, J. W.
Mulcahey, Thos. F.

Millick, Philip
Murray, W. C.
McSherry, M. F.

Mowbray, M. V.
Nagel, W. L.
Nagel, R. H.

O'Connor, J. J.
O'Rourke, T. F.
Phillips, Joseph J.

Pringle, J. C.
Ringsnes, R.
Rainey, W. A.

Rainey, E. S.

Reed, Walter
Strading, W. C.
Scott, W. S.
Watson, Sage

Watson, Sidney
White, J. M.
Walker, F. J.

Wygan, J. H.
Wilson, Jas. A.
Valley Elec. Wks.

Brennan, Jas.
Burt, Chas.
Burke, G. W.

Coppellotti, L.
Connell, J. E.
Clarke, D. Ross

Callaghan & Ma-
netta
Campbell, Chas.

Crichton, J. L.
Carrick, M. H.
Kline, J. C.

Carter, Chas.
Conner, I. C.
Coghlan, Frank

Chalmers, H. A.
Dunlop, Robt.
D'Arcy, W. H.

Daly, Jas. H.
Damico, Tony
Fry

Felt, R. D.
Fraser, Simon
Fay, J.

Floodberg & Mc-
Caffery
Greeley, T. H.

Gilmour, Wm. G.
Glegg & Clute
Holohan, M. E.

Hanley, H. W.
Jacobson, N.
Jensen, Louis

Knowles, A.
Kaiser, Joe
Lesure, E. T.

Leahy, Lyden
Mauria, Nic.
Mowat, Donald

MacGruer, Geo.
Martinehl, Wm.
Morehouse, C. C.

Mannix, Thos. Sr.
Mannix, Thos. Jr.
Mennie, Alex.

Nagel & Nagel
O'Sullivan & Bow-
ler

O'Kane, C. T.
Orford, J. A.
Powers, J. J.

Philbin, J. J.
Rosenberg, F. A.
Sullivan, D. E.

Steele, J. E.
Sherman, A. N.
Smythe Bros.

Spring, H.
Smith & Johnson
Terranova, M. J.

Wagner, J. A.
Witt, A. D.
Walker, J. W.

THE CALIFOR-
NIA STATE AS-
SOCIATION OF

ELECTRICAL
CONTRACTORS
S. F. District Lo-

cal No. 1.
Office Metropolis
Bank Building.

W. S. Harbridge,
Secretary.

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Elec. Co.
California Elec.

Constr. Co.
Central Elec. Co.
Davis Elec. Co.

Decker Elec. Co.
Gen. Elec. Con. Co.
Hendricks, W. S.

Epstein Elec. Co.
Lavy Elec. Co.
Klirsten, W. H.

Marine Elec. Co.
Pringle, J. C.
National Elec. Co.

Newberry - Rend-
heim

Pac. Fire Ext. Co.
Kohlwey, W. D.
Standard Elec.
Constr. Co.

Sutton, John G.
Turner Co.
Elec. Motor and
Machine Co.

Wedel & Co.
Pac. Fire Ext. Co.
Kohlwey, W. D.

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Pac. Fire Ext. Co.
Kohlwey, W. D.

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Constr. Co.
Sutton, John G.

Turner Co.
Elec. Motor and
Machine Co.

Surveyors.
Morser, E. V.
Sanborn & Corin-
son

**Teaming & Grad-
ing.**
Branck, J. P.
Button, I. V.
Devencenzi & Co.
Dillon Teaming
Co.
Gail & Curlin
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Luffler, Fred

Luegen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., D.
Powers, Chas. J.
Shibley Teaming &
(Grading Co.)
Schmid, A.
Star Contracting
Co.
Wright Co., J. H.

Tilling.
Ginsberg Bros.
Ginsberg & Co., S.
Hulse Tille Co.
Klirwan & Dor
van
Mangrum & Otte*

**Peerless Agency-
Co.**
Thos.
Watson
Vacuum

Bill & Jacobson
Sherman, Kimball
Co.

Wall Beds.
Marshall - Steane
Co.

Water Company.
Spring Valley
Water Works.

Whitewashing
Brickley, P. J.
Reigle & Jamelson
Taylor, L. A.

Window Cleaning.
American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning

Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Peacock, John
Van Sant-Hough-
ton Co.

Glass and Glazing
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cobbedick Glass
Co., L. N.
Fuller, W. P. &
Co.
Habenicht & Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Incr.)

**Grading & Team-
ing.**
Church, D. O., Co.
Dillon, D.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Shibley, L. B.
McLenehan, S. B.

S. F. Lime Co.
Raymond, W. H.
Curling, Granite.
McLenehan, S. B.

Door Openers.
Rischmiller, Geo.
Electrical.

California Electric
Central Electric Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Hambidge W. S.
Levy Elec. Co.
National Elec. Co.
Elevators.
Oris Elevator Co.
Van Emon Elevator
Co.

OFFICIAL LIST OF MEMBERS

BUILDERS' EXCHANGE

OF SAN FRANCISCO

180-188 JESSIE STREET PHONE KEARNY 4700

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President, James A. Wilson
Vice-President, Richard Herring.
Treasurer, C. W. Withington
Secretary, R. J. H. Forbes

Financial Secretary, S. A. D. Schenck
Asst. Secretary, W. J. Carberry
Doorkeeper, B. R. Wolcott

DIRECTORS

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Alexander Mennie H. Maundrell
C. W. Withington M. F. Gale Richard Herring
R. J. H. Forbes J. J. Phillips

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Works**
Acme Iron Works
Bay City Iron
Works
Brode Iron Works
Central Iron Wks.
Dyer Bros.
Eureka Iron Wks
Kortick - Falls
Mfg. Co.
G. G. Structural
Co. Iron Works
Hillard, J. C. Co.
Judson Mfg. Co.
Mortenson Cons.
Co.
Michaels & Pfef-
fer
Phoenix Iron Wks
Tolson Iron Wks
Chrader Iron
Works
St. Francis Orn.
Iron Works
Telger & Kerr
Stove & Foundry
Co.
Julian Iron Wks.
Western Iron Wks
Withington, C. W.
Art Glass.
Cal. Art Glass Co
Ingerson & Glaser
Co.

McNair Brick Co.,
R. B.
Peterson - Karts-
choke Brick Co.
Remillard Bk. Co.
Sacramento
Trans. Co.
San Fran. Bk. Co.
San Jose Brick Co.
Steiger T. C. and
Pottery Wks.
G. G. Brick Co.
Oakland Paving
Brick Co.

building Material.
California Build-
ing Material
City Supply Co.
Kortick - Falls
Mfg. Co.
Holland, J. P.
J. E. Lennon
Hawville Co
Levy & Co., Robt.
Lilley & Thurston
Co.
Pacific Refining &
Roofing Co.
Parrott & Co.
Paraffine Paint Co
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co
Waterhouse &
Price Co.
Western Bldg
Supply Co.
Western Building
Material Co.
Fernald Co., The

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
relson Co.
Foster & Vogt.
Goodman Artifi-
cial Stone Co.
Hann, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
Leonard, J. P.
Lynch, M. C.
Lynch, P. J.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J.
McKillican, R and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, E. T.
Penny, Isaac.
McLeran & Peter-
son.
Robertson, J. M.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn.
Terrill, G. C.
Walker Bros. Co
Warwick, H. C.
Waller, Thos.
White Bros (car-
penters)

**Contractors &
Builders.**
Allen, J. M.
Anderson, W. W.
Arthur, L.
Batteman, J. C.
Boring, F. H.
Born & Son, S. A
Brady, C. A.
Braunton Bros.
Burdick, Vm. A.
Caldwell & Co.
Cameron & Dis-
son.
Cavanaugh & Ve-
zina.
Chisholm, R. A.
Cobby, J. W.
Conannon, W. N.
Conrad, H.
Creghino & Son,
Lewis
Davis Sons, T. H.
Dewar, R. & Son.
Elam, Thos. & Son
Elliott, E. W.
Faby, R.
Flachet, Fred.
Franz, Val.
Prost, T. P.
Gillespie, G. G.
Gallagher, Frank
Gardiser, Florent
Greig, Robt.
Hanshrough Bros
Healey - Tibbitts
Con Co.
Hanson, I. A.
Hill, J. A.
Hole & Son
Howkins, A
Hovt Bros.
Ingerson, C. A.
Jackie, H.
Jones, W. G.

Kent, S. H.
Knowles & Reich-
ley.
Lang & Bergstrom
Lelter, E. T. &
Sons.
Lynch, M. C.
Lynch, P. J.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J.
McKillican, R and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, E. T.
Penny, Isaac.
McLeran & Peter-
son.
Robertson, J. M.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn.
Terrill, G. C.
Walker Bros. Co
Warwick, H. C.
Waller, Thos.
White Bros (car-
penters)

Hardware.
Brittain & Co.
Kruze, J. H.
Meyer, A.
Osborn Hardware
& Tool Co.
Palace Bldg. Co.
Wright Holw. Co.

Heat and Light.
Pacific Gas and
Electric Co.
**House Moving &
Hauling.**
Blume Cont'g Co.
Pearson, E. K.
Griffith, Wm.
Sullivan, D. & T.

**Heating & Vent-
ilating.**
Cronan, Wm.
Maugrain & Otter
Montague, W. W.
& Co.
Insulated Floors.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pacific Floor
Sanding Co.

Gen. Contractors.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son,
Louis
Dombiak Bros.
Farquharson, D. B.
Fee, Grant.
Fluth & Morton
Graham, D. E.
Griffith, Wm.
Hannah & Co. J. S.
Hayes & Schmid
Jackson, A.
Siasta Lime Pro-
ducts Co.
Western Building
Material Co.
Western Plaz. &
Cement Co.

Lumber.
Acme Lumber Co.
Christenson Lum-
ber Co.
Greater City Lum-
ber Co.
Hart-Wood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Kruze, J. H.
Loop Lumber Co.
Mammoth Lum-
ber Co.
Moore, R. B. Mill
& Lumber Co.
Olsen & Mahoney
Lumber Co.
Pipe & Talbot
Santa Fe Lumber
Co.
Shouten Lumber
Co.
Thoman & Bero-
li
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros & Co.
Doe Co., F. F.

Blacksmith.
Paul Kleiber
Roads.
American Bond-
ing Co.
Costello & Culler
Aetna Life Ins. Co
Boole, F. W.
Empire State Sur-
ety Co.
Flaherty & Deposit
Co. of Maryland
Hillman & Son, J. R.
Lawton, A. F.
Lloyd & Spengler
National Surety
Co.
Pacific Coast Sas-
ualty Co.
Pacific Surety Co.
United States
Metal Products Co.
United States
Fidelity and
Guaranty Co.

Brick and Pottery.
Ray Development
Co.
Carr, J. E.
Carnegie Brick &
Pottery Co.
Carquinez Brick &
Pottery Co.

Building Paper
Rayd & Moore
Lilley & Thurston
Co.

Cement Dealers
Balfour, Guthrie
Co.
Cowell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. J.
Maynard, Jr., J. L.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.

Concrete Works.
Amster, C. S.
Bergner Mfg. Co.
Capitol Sheet Mtl.
Works
Comyns & Child-
ers
Conlin, J.
Cronan, Wm.
Forderer
Works
Gulfoxy Cornice
Works
Apparatus Cornice
Works
Heldt, Wsley
Morrison & Clark
S. F. Cornice Co.
Western Furna-
& Cornice Wks.

**Contracting
Lather.**
Lynch, Richard
Schnebley, Hos-
tawser & Ped-
guez, W. B.
Kuykendall, J. S.
Malley, Edward.

Iron Works.
Michael & Pfef-
fer
Monarch Iron
Works
Pacific Rolling
Mill Co.
Pacific Steel Iron
Works
**Interior Decora-
tions, Lathers.**
Snell & Dennis
Lynch, Richard
**Joint Hangers &
Paint Caps.**
Kortick - Falls
Mfg. Co.
Lilley & Thurston
Co.
**Kayner System
Store Fronts.**
Falls Mfg. Co.
Lilley & Thurston
Co.
Light and Power
City Electric Co.
Pac. Gas & Elec-
tric Co.
Lime, Cement, Etc
Acme Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Hydrate Co.
Cowell Lime &
Cement Co.
Holland, J. P.
Holmes Lime Co.
Lennon, Jas. F.
Lynch, W. B.
Pac Lime & Plas-
ter Co.

Iron Works.
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Pacific Steel Iron
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Holland, J. P.
Holmes Lime Co.
Lennon, Jas. F.
Lynch, W. B.
Pac Lime & Plas-
ter Co.

Shutter Lumber
Co.
Thoman & Bero-
li
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros & Co.
Doe Co., F. F.

**Shutter (Hard-
wood.)**
Kuchmann & Co
Howard, E. A.
Nichols, Ed F &
Co.
White Bros.
S. F. Lumber Co.

Machinery.
Harron, Richard
& McCon.
Parrott & Co.

Masons & Builders

Alexander, R.
Allen, C. J.
Anderson & Bal-
ney
Arnell, A.

Brady, M. V.
Brady, O. E. & Son
Brandon, E. I.
Brennan, J. E.
Brennan, H. R.
Butcher, Thomas
Futrell & Hadley
Byron, D. I. & Son
Campbell, H. Bros.

Case, J. W.
Drake, Harry E.
Duffy, J.
Eurell & Reed
Fennell, Jas.

Gale, M. P. & Son
Gilson, J. E.
Harrison, A.
Higgins & Baker
Hook, Chas.

Hoffman, V.
Hogberg & Lud-
wig
Larsen, H. H.
Lawson, A. W.
McGowan, M.

Miller, J. W.
Murray & Mow
Orav
Mullaly Bros.

Nagel, W. L.
O'Connor & Col-
lins
O'Rourke, T. F.

Rainey & Phibbs
Ripps
Ringerose, R. & Son
Scott, W. S.

Walker, P. J.
Watson, Sage
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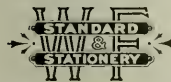
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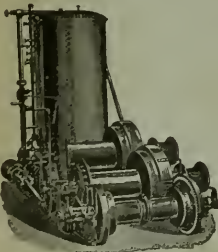


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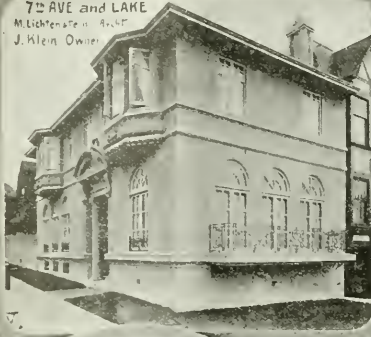
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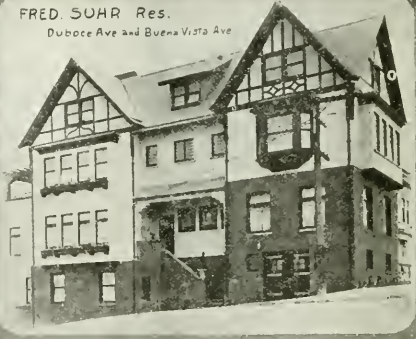
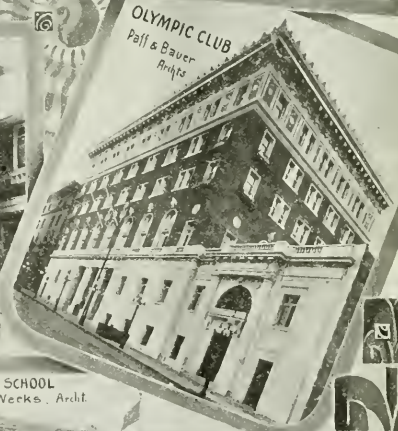
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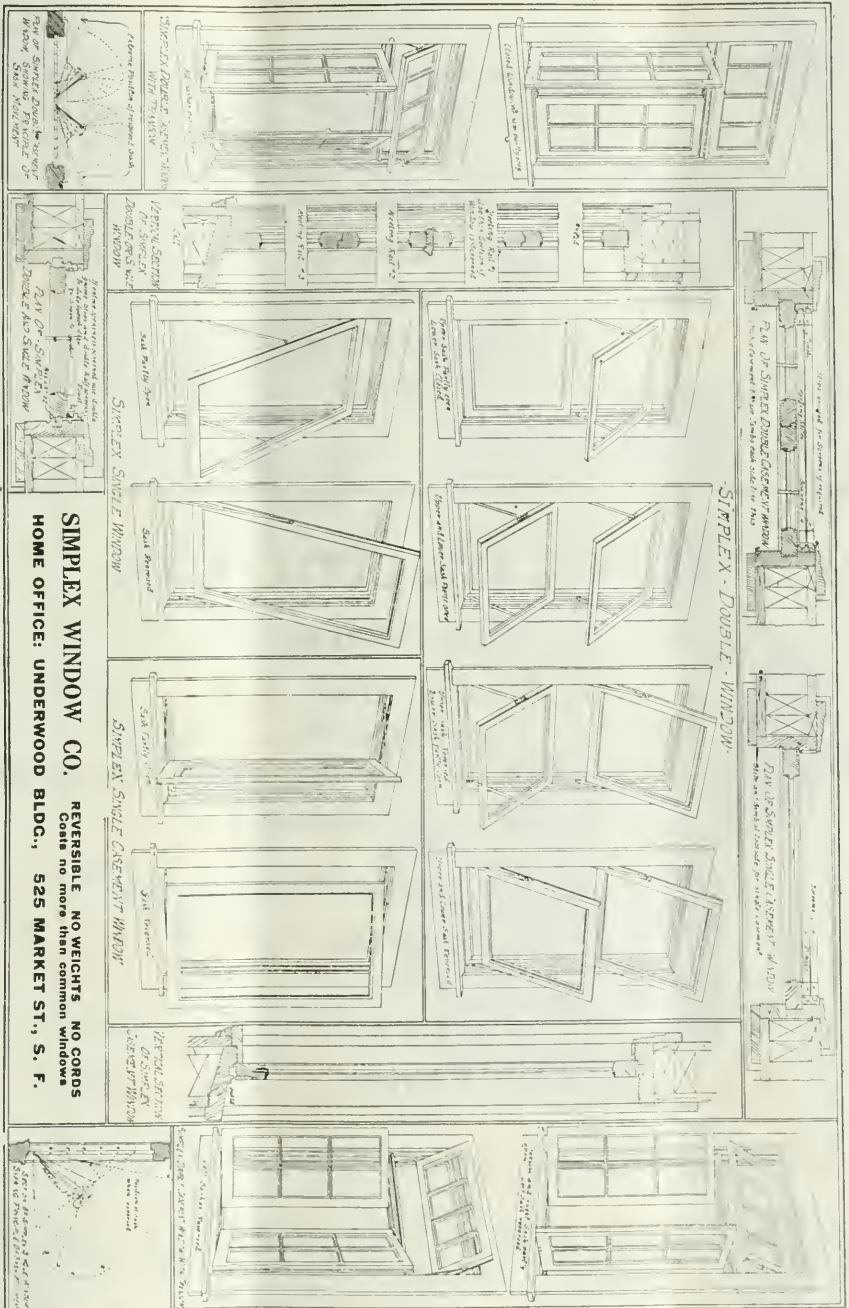
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Issued Weekly, \$3.00 per year San Francisco, AUGUST 27, 1913 Thirteenth Year No. 34

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Editorial Comment.

The question of the billboard advertising of San Francisco has become a question of present interest. The regulation of the poster advertising is now up to the supervisors. The newspapers are in favor of the regulation. The bill posting concerns claim that this is for their personal interest.

But the question that concerns the public is whether or not the billboard in its present form is a public nuisance. The plea of the bill posters that they give employment to labor should have little to do with the case. It is similar to the cry against labor saving machinery or that might be advanced in defence of any nuisance. Saloons and dance halls give employment to people. They might erect electric signs or paint advertisements on every bit of scenery on the peninsula and still have the same plea.

There must be a limit somewhere on the billboard, and the question is where to put it. One thing that the high billboard does which in some cases has been a benefit to San Francisco, but in most cases a detriment, is that it conceals the vacancy of the lot behind it. Since the fire in the downtown district there has been legitimate excuse for not rebuilding. But that excuse no longer holds. If the billboards were removed the vacant lot would show more ugly and there would be more of civic pressure for building on the vacant lots.

The billboards have helped property owners to pay taxes on the downtown property when the owners were unable to build. But they are just as often used by speculators to get a revenue on land and compel other people to advance the price of their property by building on adjacent lots.

Single taxers have proposed a tax on land which would make it impossible for any person to hold land unimproved and unused. There is an unearned increment tax on vacant property now in operation in London which seeks to accomplish the same purpose. So that the billboard question presents many different angles and the question is whether or not, as at present conducted, it is a nuisance and just where the limit should be placed.

Rudolph Spreckels has refused to pay his subscription to the Exposition because he says he has no faith in two of the directors. That is hardly a legitimate ground of objection for if he was allowed to prevail on such a contention everybody else could perhaps advance the same thing and there would be no exposition. The thing for him to do is to get in and have some-

thing to say in the management if possible, and if not keep such a close watch that his own and other stockholders' money will be safeguarded. If an exposition depended upon the personal estimate of the directors by all the subscribers there would perhaps be no exposition at all.

The Chronicle laments the fact that some of our wild eyed supervisors refuse an offer of settlement of the telephone merger. It then goes on to state that the telephone business is a natural monopoly and that there should be but one telephone and telegraph company in the United States. It may be true that a monopoly in this line of public service is the best and most economical way of administering it. But if it is so it is very clear that it should be owned and administered by the government itself. For in no other way can the people get satisfactory service unless the rates are so controlled by industrial commissions and the service under such supervision practically amounts to government control.

The merger of the San Francisco telephone companies was effected by the most unlawful and indirect methods ever attempted or executed by any corporation. The Home Telephone company's plant has been practically dismantled. Its plant was the best in the world. Its service could easily have been made the best. In the face of a direct written contract with the city to the contrary, in the face of the express terms of the franchise, and in the face of two popular elections to the contrary the merger was effected and the Pacific States Telephone Company is now in possession of all the property of the Home Company.

Certainly in the face of these facts anybody has a right to "suspect" something. It has been calculated that under the present service the city loses about sixty years of time every day in getting numbers that the would not lose were there an up-to-date automatic system such as the Home Telephone in operation. And yet people who do not stand for the merger are denounced by the Chronicle as "wild-eyed."

The most effective ad of the Postal Telegraph, one that is on all their stationery and printed on the windows of all their offices, is the representation of a telegram, addressed to Everybody. Everywhere, to the effect to consider telegraphic rates now and before the Postal Telegraph entered the field. What is true of the express companies and the telegraph is true of the telephone. A monopoly of such business is all right, but it depends on who has the monopoly.

Landscape Gardening.

The Art and Science of Landscape Gardening, for here we have both art and science combined, is of paramount importance to every land owner whether limited to a humble city of town lot, large estate, or the farm. The home surroundings can be vastly improved and values greatly enhanced by a judicious expenditure in landscape work, yielding a hundred fold in actual value besides affording a pleasure to the possessor and the public generally that can not be estimated in dollars and cents. Every beautifier of his grounds is a public benefactor.

The buildings may be ever so plain and even homely, yet with the grounds surrounding them nicely laid out and cared for, they are made charming; on the other hand a building ever so fine, if surrounded by illy designed and kept grounds, the effect is most unpleasant. It is manifest therefore, that if we would have a really beautiful home we must pay attention to its environment by a correct application of the means and material called for in the art of laying out grounds, and while this fact is so obvious, yet how often do we see this important work entrusted to those without taste and having little, if any, experience in this very important work of landscape gardening.

It is not every one who is possessed of the necessary qualifications for this branch of work, for, to meet success, artistic taste must be combined with practical knowledge and experience. The ordinary gardener may plant and prune and cultivate, yet be ignorant of the art of combining, blending and getting the most out of what nature has provided.

In landscape work no hard and fast rules can be laid down, as every place presents conditions peculiar to itself, requiring special and independent treatment. As well attempt to lay down a set rule or design for the landscape painter, except it may be said that landscape designing is divided into two general classes. The old style or Formal, sometimes called the geometrical, and the new style or Natural. The ancient and modern styles have each their admirers, and each has its place in the scheme of beautifying, dependent on local conditions and what is best suited to the circumstances.

The modern style is essentially imitative attempting to copy and reproduce the best in nature suited to the place, to correct its faults and cover its defects and enhance its beauties, by selecting the most sightly objects and arranging them in the most pleasing manner.

The first object of the landscape architect is to study the surroundings in relation to buildings, elevations and other existing conditions. If there is scope for material changes, it may be necessary in order to obtain the best results to depress some elevations and accentuate others and, if possible to make an artificial or natural lake at a reasonable cost, it is advisable to do

so, as it always adds vastly to the beauty and interest of the landscape. Roads and walks are important adjuncts and should be laid out with regard to utility as well as beauty. By utility we mean they should always lead to some object or for some purpose and not run at random, as is too often the case, and should follow easy, graceful curves without being too roundabout.

We now come to the most important feature of landscaping, the point requiring the greatest judgment and knowledge, and wherein most signal failures are made, either through want of experience or the fact that stock is purchased without reference to the requirements of the situation, and that is the proper selection of the nursery stock to be planted, for here the architect has to consider not the present but the future. He is not building for today only but for coming generations. The tree he plants today is growing in stateliness and beauty from year to year, becoming more and more "a thing of beauty and a joy forever."

The most important element in producing a pleasing landscape is a proper blending of trees, shrubs, vines and plants, and here the greatest care has to be exercised both in the selection and the placing, as this is the finishing touch of the artist and makes or mars it as a finished picture.

The house being the main feature, all planting must be done with reference to its character and position, care being exercised not to obstruct sightly views, unsightly objects must be screened, and principal masses showing irregular outlines so placed as to stretch along rising ground if possible, and so arranged that they will harmonize with the surrounding property.

The best effect of water in the landscape depends on trees and shrubbery as an accompaniment, with its reflected forms, shady recesses and scintillating lights and shadows.

Planting should be generally in groups and masses, with here and there individual specimens, but with plenty of open lawn for light, air and view.

Projects of suburban homes would do well to consult the landscape engineer before the erection of buildings, as their location has much to do with the effectiveness of the future embellishment of their surroundings, and much would be gained in every way, for then exposures, soils, drainage, walks, roads, etc., could be taken into consideration, giving results not otherwise possible to obtain and generally at much less expense.

It is a peculiar fact that architects, almost without exception, ignore landscape effects, which do so much to enhance the beauty of their work, and rarely take this feature into consideration in locating buildings; but we believe the time is not distant when they will recognize its value and will first

seek the advice of the landscape architect, before determining these matters.

Where possible the main building should be located near the northern boundary of the plot, giving all principal rooms a southern and eastern exposure, with massed plantings on the northern and western boundaries, thus affording protection from the prevailing northwest wintry winds and shielding more sensitive and choicer plants and trees that grace the lawn.

Driveway, also used as a walk from the street or road, should approach the house and stable or garage beyond, with a graceful curve, from which may branch narrow walks among the shrubbery, etc., to the several points of interest, affording opportunity for plantings in the way of borders of perennials and annuals according to the individual taste.

For divisions between properties or separation from the highway there is nothing more economical and beautiful than a well kept hedge, which nature keeps freshly painted from year to year without cost, and is not subject to decay. For this purpose there are many beautiful and useful plants, but all things considered, California Privet (*Ligustrum ovalifolium*) is probably TWO—AUG. 20th—.....BERRY the best, as it is almost evergreen, retaining its shiny green foliage late in the winter, bears shearing well, may be trimmed to any form or size and is a rapid grower, forming a good close hedge in a short time, and where this is not found sufficiently hardy one of the more hardy varieties of this family may be substituted and will be found almost equally desirable. A close second to the Privet is the Thunberg Barberry (*Berberis Thunbergii*), a dense, low growing shrub forming an impenetrable hedge, being armed with sharp spines and bearing a profusion of brilliant red berries which remain all winter. This is preferred by many for the reason that it requires little or no trimming and also for the beauty of its autumnal foliage, which is most brilliant. There are many other useful and beautiful plants suitable for hedging, giving a wide range for individual tastes.

Where there is plenty of room, some of the evergreens are both useful and beautiful, giving protection from the winter winds and break the monotony of the winter landscape.

Where it is possible to do so it is sometimes most effective to completely screen the interior from the highway, arranging it so that a sudden turn in the drive brings it into view with all its beauty. We have in mind places of this kind where strangers coming upon it for the first time will stop in open-mouthed astonishment and give expression in such terms as "Oh, isn't this beautiful?" "What a lovely place!" etc., all of which makes the owner feel well repaid for the care and comparatively light expense expended upon it.

Where space is limited, as in the

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case of an ordinary city or village lot, say 50x120 feet, the problem of beautifying that confronts the ambitious owner is one requiring careful consideration and judicious handling, especially where co-operation of neighbors is not possible with a view to a harmonious whole, as surroundings must be taken into consideration, and these are often such as to tax the ingenuity of the most skilled designer; and yet landscape gardening should be used, and is quite as valuable, in connection with the humble home as with the laying out of grounds of a park or vast estate, and its moral and elevating influence is even more pronounced and valuable for the reason that it comes more in touch with the masses, and its influence is contagious. Let one lot owner "fix up" and immediately his neighbors begin to "spruce up" also, unless, perchance, he be so unfortunate as to have utterly lost all sense of pride and ambition. Thus the move on the part of one to improve the exterior of his home, however humble, will often improve the tone of the neighborhood, with a corresponding improvement in its sanitary condition. And let it be borne in mind that no improvement is complete unless it takes in the back yard as well as the front, for this is quite as important and will afford quite as much satisfaction and pleasure, and what is more, may be made profitable, for here beauty may be combined with the practical, and the ground made to produce both luscious fruit and fragrant flower in company of the succulent vegetable, besides affording healthful and pleasurable exercise in caring for them, and no home is truly perfect without all these things.

Such a home will probably average \$3,500 (\$1,000 for lot and \$2,500 for building). One hundred dollars expended for stock and planting is less than 3 per cent. of the above amount, and if judiciously expended, will in two years' time increase the value from 10 to 25 per cent. and increase each year thereafter as trees and shrubbery increase in size and beauty. No other investment yields so great a return in value and satisfaction.

—From publication "Landscape Gardening." Copyright by Vredenburg & Co., Inc.

BIVALVE BUILDING.

Oyster Shells Replace Gravel in Concrete Building.

Branching out from the fields of stews, fries, cocktails, and other table delicacies in which it has long ranged supreme, the humble oyster, whose nervous system has of late caused Dr. Wiley so much concern, has entered the strenuous life as a chief component in a concrete from which a new business structure is to be built at Galveston, Texas.

A five-story building, designed for mercantile and office purposes and occupying a space of 120x43 feet in the heart of the Galveston business district adjoining the City Hall on its east side, has nearly reached completion. The face of the concrete on which the framework of the building is constructed is shell taken from the reefs of Galveston Bay. Generations of oysters for hundreds of years past,

have gone to the making of these massive reefs that now form one of the new monuments to Galveston's material progress.

The owners of the building met with much technical opposition in their plan, but are still firm in the belief that they have produced a building material of remarkable strength and cheapness. There is but approximately 10,000 pounds of metal reinforcement in the building, and Mr. Bohn, one of the proprietors, argues that the building could have been constructed with perfect safety with nothing but the oyster shell concrete in the walls. The concrete skeleton of the building contains about 26,423 cubic feet of material formed of one part cement, two parts sharp sand and four parts shell. An estimate based on the weight of the average common shell shows that approximately 5,500,000 bivalves sacrificed their outer garments that the five-story structure might rise in the Galveston business district.

Resting on a shell concrete foundation four feet wide, the walls of the first three stories are fourteen inches thick with 18-inch pilasters at frequent intervals to strengthen and support the walls of the five floors. After the third story the wall is reduced to 12 inches with 16-inch pilasters for one story, and for the fourth and fifth floors a still further reduction is made to 10-inch wall and 16-inch pilasters.

Expressing complete confidence in his plan of construction and the strength of the material used, Mr. Bohn says that he could, with perfect

safety, add three more stories to the building.

M. Bohn first used concrete mixed with shell in 1882, when he built a sidewalk curbing and foundation three feet high and 336 feet long. Two years later a conflagration swept over this part of the city and against the wall of the curbing there was piled 25,000 feet of lumber. This was entirely consumed without a particle of damage resulting to the wall or the curbing. The same wall has stood the test of weather and water since that time, and today it is as firm and apparently as solid as the day it was constructed. In 1888 Mr. Bohn built a cistern and foundation for a two-story building, both of which are standing today, firm and solid, without a crack or evidence of decomposition.

Shell is delivered in Galveston by barge at the wharf. After it has been picked up and loaded by suction dredges at the wharf, hopper dredges are used to transfer the materials from the barges to the wagons on cars waiting for it, and it is delivered about the city at a cost of approximately 75 cents a cubic yard. Gravel costs, delivered, about 81 cents a yard. Shell from Galveston Bay has long been used as surfacing for streets, roads and railroad beds. There is now within the city limits approximately 15 miles of shell streets which have been greatly improved and given practically an asphalt finish by the use of crude oil. Four big concerns with equipment valued at over \$1,500,000 are now exclusively engaged in the shell business at Galveston.—Dealer's Building Material Record.

Firms dealing news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architects, Righetti and Headman, Phelan Bldg., S. F. Owner, Mr. Faville. The building will be erected on property at the corner of Green and Montgomery street, covering a considerable ground area. There will be stores on the first floor and a number of two- and three-room suites on the upper floors. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. Plans provide for steam heat. Bath rooms will have cement floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$100,000. Architect, Fred H. Meyer, Bankers' Investment Bldg., S. F. Owners, Starr and Larsen. This building will be erected at the southeast corner of Sutter and Jones streets, covering an area of 71 feet 9 inches by 89 feet 9 inches. Interior has been arranged for 18 large suites besides stores and lobby on the first floor. Interior finish will be of pine with some elm

panels and hardwood floors. There will be steam heat, vacuum cleaning system, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. All apartments will be equipped with wall beds and will have private bath rooms. Exterior of the building will be faced with pressed brick. Contracts for the steel work and foundations have been let. Bids are now being taken on all other parts of the work. Contracts will be segregated.

SAN FRANCISCO—Apartment house alterations, 2 story brick and frame, \$16,000. Architect, Henry H. Meyer, Kohl Bldg., S. F. Owners, Goldberg, Bowen & Co. The building now occupied by the owners at the southwest corner of Haight and Masonic avenue will be added to and two additional stories constructed. Upper floors will be subdivided into modern apartments of two and three rooms. Interior finish will be of pine with some elm panels and hardwood floors. A central heating system will be installed. Tile will be used in the bath rooms. Present store will be unchanged. Exterior of the new portion of the building will be covered with brick veneer and terra cotta. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architect, Frank S. Holland, 100 Haight

street, S. F. Owner's name withheld. The building has been mentioned in these columns before when plans were first started. The building will cover a considerable ground area and will be arranged with a store on the first floor and suites of two and three rooms above. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. A central heating system, probably steam, will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster and brick veneer base. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel, \$40,000. Architect, L. L. Jones, 1. W. Hellman Bldg., L. A. Owner, C. W. Howard. The building will be erected on Pico street, having a frontage of 45 feet and a depth of 125 feet. Interior has been arranged to contain 65 rooms which will be divided into two and three room suites. All apartments will have private bath rooms and wall beds. Interior finish will be of pine with cement floors in the bath rooms and tile wainscot. Plans provide for steam heat, elevator service and a vacuum cleaning system. Marble and tile will be used in the entrance vestibule. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class A construction, \$40,000. Architect, C. F. Borton Co., Hibernian Bldg., L. A. Contract price, \$40,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$36,000. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, R. P. Smith, Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$36,000.

BANKS.

BANDON, ORE.—Bank, 2 story and base, reinforced concrete. Cost not stated. Architect, Benj. Ostlund, First National Bank Bldg., Bandon. Owners, First National Bank of Bandon. This work has been mentioned here before when plans were first started. Working drawings have been completed and show a building the first floor of which is to be devoted to the exclusive use of the bank. Upper floor will be subdivided into modern offices. Interior finish will be of pine and hardwood with some marble, ornamental plaster and bronze. Coin and safe deposit vault will be installed. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on September 1st.

BRIDGES AND DAMS.

BIG SANDY CREEK, FRESNO CO., CAL.—Bridge, concrete and frame. Cost not stated. Engineer, County Engineer, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the Board of Supervisors for a concrete and wooden bridge over the Big Sandy Creek. Bids are now being taken for the construction and will be opened on Sept. 2nd. Plans

and specifications can be secured from the County Engineer or from County Clerk B. M. Barnwell, Fresno.

NESIKA, WASH.—Bridge, steel and concrete, \$25,000. Engineers, Bowerman and McCloy, Mutual Life Bldg., Seattle. Owners, Lewis County. The bridge is to be erected over the Cowitz river and will consist of a steel span 230 feet long with abutments. Plans are now being prepared and bids will shortly be called for by the State Highway Commission. Full particulars can be secured from the engineers.

Contracts Awarded.

VISALIA, TULARE CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineers, Engineering Department Santa Fe R. R. Co., L. A. Owners, Santa Fe Railway Co. Contractors, Shattuck-Effinger Const. Co., L. A. Contract price not stated.

CHURCHES.

SAN FRANCISCO—Relief Home Chapel, 1 story and base, frame, \$12,000. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids were opened at the last meeting of the Board of Public Works for the construction of a Chapel at the Relief Home Tract. The lowest figures were presented by J. W. Carr at \$9,482. A complete list of these bids appear under the heading of San Francisco, in this issue.

FRESNO, FRESNO CO., CAL.—Church, 1 story and base, reinforced concrete, \$20,000. Architect's name not given. Owners, Gregorian Catholic Church. Plans for a new church edifice which will be erected at the corner of Ventura and M streets have been accepted. Construction will be of the reinforced concrete type throughout. Further particulars will be given in the next issue of the Building and Industrial News.

LOS ANGELES, CAL.—Church, 1 story and base, frame, \$22,000. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Boyle Heights Christian Church. The building will be erected at the corner of Second and Breed streets and will cover an area of 60x120 feet. Besides the main auditorium, which will have a seating capacity of 600 people, plans provide for 13 class rooms. Interior finish will be of pine with maple floors. There will be a plenum system of heating. Art glass windows are specified. Exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures will be called for early in September.

Contracts Awarded.

ROSEBURG, ORE.—Church, 2 story and base, frame, \$15,437. Architects, Tourtelotte and Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Roseburg. Contractor H. O. Koeppem, 482 15th street, Portland. Contract price, \$15,437.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, brick and steel, \$80,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Long Beach Congregational Church. Contractor, J. C. Beer, Long Beach, and Kling Co., Union League Bldg., L. A. Contract price, \$80,000. Note—the building will cover an area of 100x150 feet.

COURT HOUSES.

SAN FRANCISCO—City hall, 4 stories and base. Class A construction. Architects, Blakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans and specifications for the architectural terra cotta and masonry work on the new City Hall have been completed and have received the approval of the Board of Public Works. Bids are now being called for on this work. Figures will be opened on September 3 by the Board of Public Works. Plans and specifications can be obtained from the City Department of Architecture, Temporary City Hall Bldg. An official proposal for this work appears under the heading of Official Advertising in this issue.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Warehouse, 1 story brick construction. Cost not stated. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner F. T. McHenry. The building will be erected at the corner of 19th street and Broadway and has been designed for a large warehouse. Construction will be of the heavy mill type. No interior finish is specified. There will be metal window sash and frames and fireproof doors. Exterior of the building will be faced with stock brick. Plans are complete and in the hands of the owners, who will shortly take figures for the general construction.

PORTLAND, ORE.—Warehouse, 2 story and base, brick. Cost not stated. Architects, Emil Schacht and Sons, Commonwealth Bldg., Portland. Owners, D. P. Thompson Estate. The building will be erected on the East Side and will cover an area of 100x200 feet. Construction will be of the heavy mill type. There will be elevator service, spiral chutes and an automatic sprinkler system. Metal window sash and frames and fireproof doors are also specified. No interior finish will be used. Exterior of the building will be faced with stock brick. Plans are now being prepared.

Contracts Awarded.

PORTLAND, ORE.—Warehouse, 2 story and base, brick, \$10,000. Architect, Aaron Gould, Worcester Bldg., Portland. Owners National Cold Storage Co. Contractors, Bingham and McClelland, Lumberman's Bldg., Portland. Contract price, \$10,000.

PORTLAND, ORE.—Brewery addition, 2 story and base, brick and steel. Cost not stated. Architect, Joseph Jacobberger, Portland. Owners, Gambrinus Brewery Co. Contractors, The Preberg Const. Co., Oregonian Bldg., Portland. Contract price not stated.

PORTLAND, ORE.—Warehouse, 2 story and base, reinforced concrete, \$60,000. Architects, Emil Schacht and Sons, Commonwealth Bldg., Portland. Owners, Star Sand Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$60,000.

FIRE HOUSES.

SANTA ROSA, SONOMA CO., CAL.—Jail, 1 story and base, reinforced concrete. Cost not stated. Architect, J. W. Delivier, Royal Insurance Bldg., S. F. Owners, City of Santa Rosa. Preliminary plans for this building have been prepared by the architect

and approved by the City Council. There will be a cement floor, pine trim and a central heating system. A number of steel cages will be installed. Exterior of the building will be faced with cement plaster. Bids will be called for shortly.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,800. Architect, none. Owner, J. Harold Johnson, 732 9th avenue, S. F. The building, which has been designed to contain two modern flats, will be erected on the east side of 9th avenue south of Cabrillo, covering an area of 24 feet 10 inches by 57 feet. Interior will be finished in pine with some hardwood floors. There will be an open fire place with brick mantel in each of the living rooms. Some hardwood floors will be used. Tile will be used in the bath rooms and kitchens. Terrazzo will be used in the vestibule. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owners, Leigh and Schultz, 330 5th avenue, S. F. The building will be erected on the east side of 15th avenue near Anza street and will cover an area of 28x52 feet. Interior has been arranged to contain two flats of four and five rooms each with bath. Interior finish will be of pine and redwood with some hardwood floors. Each living room will have an open fire place with brick or tile mantel. Bath rooms will have cement floors and tile wainscot. Tile will also be used in the kitchens. Entrance vestibule will be finished in terrazzo. Exterior of the building will be covered with rustic, cement plaster on metal lath and an artificial stone base. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Flats, 3 story and base, frame, \$5,000. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owner F. G. Troy. The building will be erected on 41st street near Broadway, and has been designed to contain three and four room flats. Interior finish will be of pine with some elm panel and hardwood floors. There will be an open fire place in each of the living rooms. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, Class A construction, \$35,000. Architect, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the downtown district and has been designed for one of the largest commercial garages in the city. Construction will be fireproof. The structure will have a storage area of 25,000 square feet. Plans provide for a complete steel frame, reinforced concrete walls, a concrete floor and steel roof trusses.

Metal window sash and frames and special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

OAKLAND, CAL.—Garage alterations 1 story frame. Cost not stated. Architect, none. Owners, Myers and White. The present frame building at the corner of 25th street and Broadway will be altered into a modern commercial garage. Plans provide for a cement floor. Exterior of the building will be covered with cement plaster on metal lath. Considerable machinery will be purchased. Plans are complete and in the hands of the owners. Work is now out for figures.

GOVERNMENT WORK AND SUPPLIES.

PROSPECTIVE BIDDERS. Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Pasadena, Cal., Construction, September 11.

King Lumber Co., Charlottesville, Va.
Hiram Lloyd Building and Construction Co., St. Louis, Mo.

J. E. & A. L. Pennock, 1003 Land Title Building, Philadelphia, Pa.

M. Yeager & Son, Danville, Ill.
Dieter & Wenzel Construction Co., Wichita, Kan.

J. W. Wiese, 1301 City National Bank Building, Omaha, Neb.

Wise Granite Co., Richmond, Va.
Sound Construction and Engineering Co., Central Building, Los Angeles, Cal.

Southwest Contractor and Manufacturing Co., 506 Douglas Building, Los Angeles, Cal.

J. W. Atkinson, Colorado Springs, Colo.

E. Schuler, Santa Barbara, Cal.
Sound Construction Co., Seattle, Wash.

F. J. Anweg, 244 Kearny street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

San Francisco, Cal., Vault Construction, September 2.

Diehold Safe and Lock Co., Canton, Ohio.

B. F. Sturtevant Co., Washington, D. C.

Skinker & Garrett, 417 Evans Building, Washington, D. C.

David Construction Co., Union Trust Building, Washington, D. C.

Wells Construction Co., 619 Witherspoon Building, Philadelphia, Pa.

Hygeis Contracting Co., 1133 Broadway, New York City.

Duplex Electric Co., 516 W. 57th street, New York City.

P. F. Cormley Co., Union Trust Building, Washington, D. C.

Carbon Steel Co., foot of 32d street, Pittsburgh, Pa.

E. A. Ohmer Co., 3 W. 29th street, New York City.

York Safe and Lock Co., York, Pa.

Hall's Safe Co., Spring Grove avenue, Cincinnati, Ohio.

Herring-Hall-Marvin Safe Co., 400 Broadway, New York City.

Manganese Steel Safe Co., 253 Broadway, New York City.

Mosier Safe Co., Hamilton, Ohio.

Remington & Sherman Co., 636 Richmond street, Philadelphia, Pa.

Crossarms, Insulators, etc., Hoise Project.

The following bids were opened at the U. S. Reclamation Service, Los Angeles, Cal., for furnishing crossarms, insulators, etc., for the Boise project, Idaho:

Item 1, 530 crossarms; 2 galv. arm braces; 3, 1,600 insulator pins; 4, 1,600 insulators; 5, 90 strain insulators; 6, 180 galv. two bolt guy wire clamps; 7, 50 galv. guy anchors.

Pacific State Electric Co., Los Angeles, Cal., item 1, \$121.90; 2, \$145.52; 3, \$26.40; 4, \$60.40; 5, \$6.75; 6, \$15.30; 7, \$77.50.

B. F. Kieruff, Jr., & Co., Los Angeles, Cal., item 1, \$180.20; 2, \$125.88; 3, \$25.60; 4, \$52; 5, \$7.20; 6, \$23.65; 7, \$74.

Pierson Roeding Co., Los Angeles, Cal., item 1, \$209.88; 2, \$189.70; 3, \$26.40; 4, \$41.90; 5, \$6.53; 6, \$23.46; 7, \$515.50.

Electric Appliance Co., San Francisco, Cal., item 1, \$233.20; 2, \$112.04; 3, \$27.20; 4, \$41.00; 5, \$6.75; 6, \$11.94; 7, \$82.05.

Port Townsend, Wash., Boiler

The contract for installing two new heating boilers in the U. S. public building at Port Townsend, Wash., has been awarded to the Rautman Plumbing & Heating Co., Seattle, Wash., at \$2,290.

Earth Work and Structures, Etc., Service.

The following bids were opened August 6 at Malta, Mont., for earth work and structures, second unit, Dodson-North Canal, Milk River project, Mont.:

Item 1, excavation; 2, excavation; 3, structures, etc.

Hauer & Sim, Dooley Building, Salt Lake City, Utah, item 1, \$20,415; 2, \$22,700; 3, \$23,329.60.

J. E. Hilton Threet Bros. & Jolly, Billings, Mont., item 1, \$21,795; 2, \$23,470; 3, \$24,649.50.

Hayden Bros., Spalding Building, Portland, Oreg., item 1, \$23,875; 2, \$26,600; 3, \$29,161.10.

Nelson & O'Neill Yankton, S. Dak., item 1, \$23,196.50; 2, \$23,481.50.

Tebbs & Taggart, Cowley, Wyo., item 1, \$25,270; 2, \$23,470.

Charles Wilhite & Co., Malta, Mont., item 1, \$25,275; 2, \$26,575.

Lamoureux Bros. Co., Omaha, Nebr., item 1, \$28,047.50; 2, \$30,487.50.

Denning, Congleton & Monson, Malta, Mont., item 2, \$26,610.

James Burton, Delhi, Iowa, item 3, \$23,343.

John S. Hanson, Williston, N. Dak., item 3, \$30,651.70.

Spur and Side Track, Fort D. A. Russell.

The following is a schedule of the bids received at the office of the constructing Q. M., Fort D. A. Russell, Wyo., for the reconstruction of spur and side tracks at this post:

R. N. La Fontaine, Cheyenne, Wyo., approximately 6,547 lin ft, 80-lb. steel, \$25,000; 56-lb. steel, \$23,000.

McGarvey & Bartlett, Cheyenne, Wyo., 6,547 lin ft, 80-lb. steel, \$21,900; 56-lb. steel, \$19,510.

Morrison Contracting & Mfg. Co., Denver, Colo., 6,547 lin ft, 80-lb. steel, \$23,901.59; 56-lb. steel, \$20,532.21.

Hastings, Young & Dumm, Cheyenne, Wyo., 6,547 lin ft, 80-lb. steel, \$23,500; 56-lb. steel, \$22,000.

Hastings, Young & Duman, Cheyenne, Wyo., "standard railroad crossing" is used, 80-lb steel, \$23,875; 56-lb steel, \$22,400.

FOUR—Aug. 20th— BERRY Motor Truck, I. S. Marine Corps.

Specifications are now in course of preparation at the office of the U. S. Marine Corps covering the purchase of a 6,000 lb. motor truck for use at the marine barracks, Naval Station, Pearl Harbor, T. H. It has not yet been definitely decided at what seaport delivery is to be made or the exact date when bid will be opened.

Building 59, Puget Sound, Wash.

The advertisement calling for bids to be opened September 6 at the bureau of yards and docks for particular construction and fire proofing building No. 59, at the navy yard, Puget Sound, has been withdrawn and the work indefinitely postponed.

—HALLS & SOCIETY BLDGS.—

SAN FRANCISCO—Lodge hall, 3 story and base, brick and steel, \$35,000. Architect, Charles Paff, Merchants' Exchange Bldg., S. F. Owners, Carpenters' all Association. Working drawings for this building have been completed and bids are now being taken on the general contract. The structure has been designed with stores on the first floor and lodge halls and offices on the upper two floors. There will be a central heating system and elevator service. Stores will have patent fronts and plate glass windows. Modern plumbing and electric work will be installed. Exterior of the building will be faced with pressed brick. The building will be erected at the corner of McCoppin and Valencia streets. Interior finish will be largely of pine, with some hardwood. Plans and specifications can be secured from the Secretary of the Carpenters' Hall Association at 504 Mission street. Two propositions are being figured: Proposition A calling for a figure on the entire work and Proposition B calling for all work except carpentry.

OAKLAND, CAL.—Lodge hall and stores, 4 story and base, brick, steel and reinforced concrete, \$65,000. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owners, I. O. O. F. Hall Association. This building has been mentioned here before when plans were first being prepared. The structure will be erected at the northwest corner of 11th and Franklin streets covering a considerable ground area. There will be a number of stores on the first floor and offices and lodge rooms on the upper floors. Plans provide for steam heat and elevator service. Interior finish will be of pine and hardwood with some marble wainscot. There will be a large open fire place with brick mantel. Stores will have plate glass display windows in patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids are to be submitted on both the entire work and segregated contracts. Bids will be opened on September 1st.

BERKELEY, ALAMEDA CO., CAL.—Lodge hall, 3 story and base, reinforced concrete, \$120,000. Architect, William Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, Berke-

ley Elks' Hall Association. Preliminary plans only have been prepared for this work and details of construction are not available at this time. The organization has secured its site and as soon as all requirements of the building have been fully settled upon, working drawings will be started and contracts let. Further mention will be made of the work in these columns.

BURLINGAME, SAN MATEO CO., CAL.—City Hall, 2 story and base, brick and steel. Cost not stated. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, City of Burlingame. This building has been mentioned here before when the architect was first commissioned to prepare plans. The building will cover a considerable ground area. Provision has been made in the plans for housing all of the city officials, fire and police departments and for a large council chamber. There will be steam heat and a fireproof vault. Interior finish will be of spf pine and hardwood with some hardwood floors. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are now being called. Bids will be opened on September 2nd. Plans can be secured from the architect or from the City Clerk. An official proposal appears under the heading of Official Advertising in this issue.

Contracts Awarded.

McMINNVILLE, ORE.—Lodge hall, 3 story and base, brick and steel. Cost not stated. Architect C. C. Robins, Ainsworth Bldg., Portland. Owners, McMinnville Masonic Hall Association. Contractor Robert Shelley, Gerlinger Bldg., Portland. Contract price not stated.

HOSPITALS.

SAN RAFAEL, MARIN CO., CAL.—County Infirmary, 2 story and base, reinforced concrete, \$40,000. Architect, Thomas O'Connor, 104 D street, San Rafael. Owners, Marin County. The building has been designed in the Mission style and will be erected in the Lucas Valley, a short distance out of San Rafael. There will be a general administration section, two wards, dining rooms, kitchens and dormitories. Provision has also been made for a modern operating room. Interior finish will be of pine and redwood with considerable marble and tile. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster and a clay tile roof will be used. Plans are complete and now out for figures. Bids will be opened by the Board of Supervisors on September 2nd. An official proposal appears in another column of this paper.

LOS ANGELES, CAL.—Hospital, 4 story and base, reinforced concrete. Cost not stated. Architects, Garrett and Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson and will cover an area of 141x60 feet. Plans are so arranged that two additional wings, each four stories in height and 155x137 feet, may be added later. Construction will be fireproof throughout with reinforced concrete floors, hollow tile interior partitions and concrete

roof slabs. Interior finish will be of pine and white enamel. Tile will be used in the bath rooms and operating rooms. Plans provide for steam heat, two elevators, dumb waiters, hot and cold water supply, and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, reinforced brick, \$65,000. Architect, G. Albert Lansburgh, 769 Mission street, S. F. Owner, A. Eisenberg. This work was mentioned here when the architect was first commissioned to prepare the plans. Working drawings are nearly complete and figures will be culled for about the first of the month. The structure will be erected on the north side of Sutter street between Jones and Leavenworth streets, covering a considerable ground area. There will be a store besides the hotel lobby on the ground floor and in the neighborhood of 100 rooms on the upper floors. A large percentage of the rooms will have private baths. Interior finish will be of pine with some hardwood veneer. Ornamental plaster will be used in the lobby. Plans provide for steam heat, a hot and cold water supply, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Bids will be called for early in September.

SAN FRANCISCO—Hotel, 6 story and base, Class C construction, \$40,000. Architects, O'Brien and Werner, Foxcroft Bldg., S. F. Owner, Thomas O'Day. The building will be erected on the south side of O'Farrell street east of Larkin street, covering an area of 49x90 feet. There will be stores on the first floor and the entrance to the hotel lobby, which will be on the second floor. Upper floors will contain in the neighborhood of 90 rooms with several baths on each floor. Interior finish will be largely of pine. Bath rooms will have composition floors and tile wainscot. Hot and cold running water will be supplied to all rooms. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel. Cost not stated. Architect, F. D. Voorhees Central Bank Bldg., Oakland. Owner, H. A. Powell. The building has been mentioned in these columns before. Plans for the brick and carpentry work are now on the market for figures. There will be stores on the first floor and in the neighborhood of 110 guest rooms on the upper floors. Interior finish will be of pine throughout. Steam heat, elevators and a vacuum cleaning system will be installed. Exterior of the building will be faced with pressed brick.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects Eisen and Son, Wilcox Bldg., L. A. Owner, Roy Blumenthal. This building is to be erected at the southwest corner of 3rd and Figueroa streets covering an area of 50x70 feet. There will be two stores

besides the hotel lobby and offices on the first floor. Upper floors will be subdivided into 45 guest rooms and a number of baths. Interior finish will be of pine and elm panels. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Stores will have plate glass display windows in patent store fronts. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, L. A. Jones, 1 W. Hellman Bldg., L. A. Owner, D. F. Hill. The building will be erected at the corner of 6th and Wall street and will cover an area of 79x120 feet. There will be four stores on the first floor, the hotel lobby and office. Upper floors will contain a total of 129 guest rooms and a number of baths. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water system. Interior finish will be largely of pine. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and now out for figures.

ALKI POINT, WASH.—Hotel, 3 or 4 story and base, reinforced concrete, \$100,000. Architects, Bebb and Mendel, Denny Bldg., Seattle. Owner, Ferdinand Schmitz. Construction will not be started before early in the spring and the site has not been fully determined. Construction will be fireproof with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Interior finish will be of pine with some hardwood veneer. There will be steam heat, elevator service and a vacuum cleaning system. Hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

WATTS, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, \$10,000. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owners, Town of Watts. The building will be designed in the classic style and will cover an area of 70x30 feet. Plans provide for one large reading room, librarian's office and stack room. Metal shelves will be specified. Interior finish will be of pine with some hardwood. Maple floors will be used. A central heating system, probably furnace heat, will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

SAN FRANCISCO—Hotel, 8 story and base, brick and steel, \$50,000. Architects, MacDonald and MacDonald, Holbrook Bldg., S. F. Owner, Reuben Lloyd. Contractors, MacDonald and Kahn, Kialto Bldg., S. F. Contract price, \$50,000. Note the contractors are now taking subfigures on the various parts of the work.

LIBRARIES.

BAKERSFIELD, KERN CO., CAL.—Library, 1 story and base, brick. Cost not stated. Architect, O. L. Clark, Erower Bldg., Bakersfield. Owners, City of Bakersfield. The building has been mentioned in these columns be-

fore when plans were first started. Bids will be opened on August 27th. A complete list of these figures will appear in the next issue of the Building and Industrial News.

RAILROAD CONSTRUCTION—AND EQUIPMENT.

SAN FRANCISCO—Passenger station, 1 story, brick and steel. Cost not stated. Architect's name withheld. Owners, Ocean Shore Railway Co., 11th street, S. F. Plans have been prepared for a modern station which will be erected on the company's property on the west side of 11th street between Market and Mission streets. A petition is now before the Street Committee of the Supervisors for permission to cross Mission street with the company tracks. Construction will be started as soon as this permission is granted. Further mention will be made of the work when bids are called.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Theo. S. Boehm, David Hewes Bldg., S. F. Owners, Pockman & Co. The dwelling has been designed to contain seven rooms and bath and will be erected on the south side of Anza street near 13th avenue. Interior finish will be of pine throughout with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and large open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and brick veneer base. Plans are complete and the work will be done by day labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Righetti and Headman, Phelan Bldg., S. F. Owner, Mr. Rossi. This house will be erected on Union street and has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine with some hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system, probably hot air, and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Some brick veneer will also be used. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Westgate Park Co. and A. S. Cunningham. The dwelling will be erected in St. Francis Wood and has been designed for an eight room house with two baths and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room and reception hall. Tile will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2, 2 story and base, frame, \$2,500 each. Architect, D. Olsen, 416 29th avenue, S. F. Owner, George C. Todhunter, 449 29th avenue. These houses will be erected on the east side of Ashbury street north of 17th. Each house has been designed to contain seven rooms and bath. Interiors will be finished in pine with some elm veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, Frank M. May, 2145 Center street, Berkeley. Owner, G. H. Harding. The house has been designed to contain seven rooms, bath and sleeping porch and will be erected on the south side of Keith avenue. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architects, United Home Builders, 1762 Broadway, Oakland. Owner, Dr. Moyer. This dwelling will contain eight rooms, two baths and sleeping porch. One of the most beautiful home sites in Piedmont has been selected for the residence and construction will be undertaken at once. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and work will be done by Day Labor under the direction of the architects. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. H. C. Newman. The dwelling will be erected in Cragmont Park and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some white enamel and hardwood. Hardwood floors will be used in the living room, dining room, den and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and now out for figures.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, J. F. Chambers. The house will contain seven rooms and

bath and will be erected at the southwest corner of 61st street and Colby avenue. Interior finish will be entirely pine. Hardwood floors will be used in the two principal rooms. Plans provide for a large open fire place in the living room with tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, William Dufour, 2326 Santa Clara avenue, Alameda. Owner's name withheld. The dwelling will be erected on Encinal avenue near Union street and has been designed to contain six rooms and bath. Interior will be finished with pine and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalows, S. 1 story and base, frame, \$2,500 each. Architect Alvin J. Stern, 1522 Broadway, Oakland. Owner, Roger Coit, 1522 Broadway, Oakland. These houses will be erected at the corner of 52d and Shattuck avenue. Each has been designed to contain six rooms and bath. Interiors will be finished in pine with some redwood and elm panels. Hardwood floors will be used in the two principal rooms. All living rooms will have open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath, rustic and shingles. Plans are complete and in the hands of the owner, who is a well known Oakland builder, and will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, J. E. Kothie, 2578 23rd avenue, S. F. The dwelling has been designed for a six room house with bath. Interior finish will be of pine throughout. There will be a large open fire place in the living room with brick mantel. Some hardwood floors will be used. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

ALVARADO, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Henry H. Myers, Kohl Bldg., S. F. Owner, Mr. A. May. The dwelling has been designed for a country home and will contain in the neighborhood of eight rooms, baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have the tile wainscot and tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster, on metal lath

plans are complete and figures are now being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, C. J. Pirang, 5489 Claremont avenue, Oakland. The house will be erected on Kales avenue near College avenue and will contain seven rooms and bath. Interior finish will be largely of pine although some hardwood will be used in the living and dining rooms. There will be hardwood floors, brick or tile mantels and furnace heat. Open fire places will also be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All material is now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling has been designed for a seven room house with bath and sleeping porch and will be erected on Yolo street near Bonita avenue. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$1,200. Architect, none. Owner, F. Sanfilippo, 1298 Orchard street, San Jose. The house will contain five rooms and bath. Interior finish will be of pine and redwood. There will be an open fire place in the living room with tile mantel. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and work will be done by Day Labor.

LINDSAY, TULARE CO., CAL.—Residence, 2 story and base, frame, \$12,000. Architect, J. Carl Thayer, Fresno. Owner, Mrs. George Gibson. The dwelling will contain 14 rooms, baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. Plans provide for a central heating system, probably furnace heat, and open fire places. Mantels will be of brick and tile. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

Contracts Awarded.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 1 story and base, frame and concrete, \$55,000. Architect Walter Webber, Ferguson Bldg., L. A. Owner, Adolph L. Bernheimer, New York. Contractor, E. D. Tyler, Pasadena, carpentry work only. All other parts of the work will be sublet. Plans are complete and figures are being taken.

SEATTLE, WASH.—Residence, 2 story and base, terra cotta and concrete, \$100,000. Architects, Cutter and Malmgren, Spokane. Owner C. D. Stimpson. Contractors, Johnson Bros.,

4315 Thackeray Place, Seattle. Contract price, \$100,000. Note—Sub-figures are now being taken on all parts of the work.

SAN FRANCISCO—Residences, 4 2-story and base, frame, \$35,000. Architect, C. F. Whittlesey, 555 Clayton street, S. F. Owner, H. P. Livermore, Merchants' National Bank Bldg., S. F. Contractor, Marcus Marcussen, 16 Divisadero street, S. F. Contract price, \$35,000.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, reinforced concrete and steel. Cost not stated. Architects Howard and White, Lick Bldg., S. F. Owner, Charles Frederick, Contractor, John MacBain, Redwood City. Contract price not stated. Note—It is reported that this house will cost in the neighborhood of \$150,000.

SCHOOLS.

OAKLAND, CAL.—School, 1 story, frame, \$12,500. Architect, City Architect John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened for the construction of the Fruitvale School No. 3 show Tieslau Bros. low at \$12,935. Three other sets of figures were submitted for the work. A complete list of these bids will be found under the heading of Oakland and Alameda in this issue.

SANTA PAULA, VENTURA CO., CAL.—School, 2 story and base, reinforced concrete, \$75,000. Architects, Allison and Allison, Hibernian Bldg., L. A. Owners, Santa Paula School District. The building has been designed for a High School and will cover a considerable ground area. Plans provide for domestic science and manual training departments in addition to a number of class rooms and a large auditorium. The structure is so designed that additions can be readily made in the future. Interior will be finished in pine with maple floors. There will be a central heating system, programme clocks and a vacuum cleaning system. Exterior will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, O. L. Clark, Proker Bldg., Bakersfield. Owners, City of Bakersfield. This building will be erected at the corner of 18th and A streets and has been designed to contain nine standard sized class rooms and an auditorium. Plans have been completed and approved by the Board of Education. Interior will be finished in pine with maple floors. There will be steam heat and a modern system of ventilation. Plans include program clocks and vacuum cleaning system. Exterior of the building will be faced with pressed brick. Bids are now being taken and will be opened by the Board of Education on Sept. 2nd.

BERKELEY, ALAMEDA CO., CAL.—Convent, 2 story and base, frame, \$35,000. Architect John J. Foley, 46 Kearney street, S. F. Owners, St. Joseph's Convent. The building has been arranged to contain a number of class rooms, studios and music rooms. Interior finish will be entirely of pine. There will be furnace heat. Exterior of building will be covered with shiplap and sanded. Plans are complete and figures are now being taken.

Contracts Awarded.

PORTLAND, ORE.—Gymnasium, 2 story and base, frame. Cost not stated. Architects, Doyle and Patterson, Worcester Bldg., Portland. Owners, Reed College. Contractor, John Almeter, Builders' Exchange Bldg., Portland. Contract price not stated.

SEWERS, STREET WORK AND WATER SYSTEMS.

Contracts Awarded.

CHICO, BUTTE CO., CAL.—Septic tank, reinforced concrete, \$3,557.60. Engineer, City Engineer, Chico. Owners, City of Chico. Contractor, E. F. Graessler, Chico. Contract price, \$3,557.60. A complete list of the bids opened for this work appears under the heading of Sacramento, Stockton and Northern California in this issue.

STORE.

SAN FRANCISCO—Cafe decorations. Cost not stated. Architects, Righetti and Headman, Phelan Bldg., S. F. Owners, Solari's Cafe. Mr. Solari, one of San Francisco's best known cafe men, will open a new cafe in the building at the southwest corner of Geary and Mason streets. Plans are now being prepared for the interior decorations. Ornamental plaster, hardwoods and special light effects will be used. Plans will shortly be ready for figures.

SAN FRANCISCO—Stores and offices, 2 story and base, brick and steel, \$10,000. Architects, Heiman and Schwartz, Nevada Bank Bldg., S. F. Owner, J. P. Sweeney. The building will be erected on the north side of Geary street just east of Van Ness avenue and has been designed for use by the New World, a Japanese newspaper. Upper floor will be used as office. Interior finish will be of pine throughout. A cement floor will be used on the ground floor. There will be modern plumbing and electric work. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures have been taken. A contract will be awarded at once.

SAN FRANCISCO—Saloon, 1 story and base, brick. Cost not stated. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Waterfront Realty Co. The building will be erected at the corner of East and Oregon streets and will cover an area of 60x48 feet. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND CAL.—Stores and offices, 12 story and base. Class A construction. \$250,000. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, J. P. Carlston and A. J. Snyder. The building will be erected at the gore of Broadway and Telegraph, covering a considerable ground area. There will be a number of stores on the first floor and a large number of modern offices on the upper floors. Offices will be arranged for occupancy either as single offices or en-suite. Interior will be of hardwood, metal trim and tile and marble wainscot. Plans provide for steam heat, freight and passenger elevators, a vacuum cleaning system and

mail chutes. There will be a complete steel frame and exterior walls of brick, faced with terra cotta and pressed brick. Metal window sash and frames are specified. Contracts for the foundation work and structural steel have been awarded. Segregated figures on all other parts of the work are now being taken.

PIEDMONT, ALAMEDA CO., CAL.—Stores, 1 story, frame, \$10,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Piedmont Church Association. The building will be erected on the property closely adjoining the residential part of Piedmont and will be arranged for a number of stores. Interior finish will be of pine throughout. All stores will have large plate glass windows. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores, 1 story and base, brick. Cost not stated. Architects, MacNaughton and Raymond, Concord Bldg., Portland. Owners, Gile Investment Co. The building will be erected at the corner of West Park and Oak streets, containing five large stores. Interior finish will be of pine with some hardwood. There will be a cement floor and a central heating system. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Stores and offices, 7 story and base, reinforced concrete, \$100,000. Architects, Saunders and Lawton, Alaska Bldg., Seattle. Owner, A. Hambach. The building will be erected at the corner of 1st avenue and King street, and will cover an area of 80x118 feet. Construction will be fireproof throughout. Several stores will occupy the first floor and upper floors will be subdivided into a large number of offices. Plans provide for steam heat, two elevators, hollow tile interior partitions and some metal trim. Metal window sash and frames will be used. Vacuum cleaning system and mail chutes will be installed. Exterior of the building will be faced with terra cotta. Marble and tile wainscot will also be used in the halls. Plans are complete and figures are now being taken. Segregated contracts will be let.

Contracts Awarded.

RIVERSIDE, RIVERSIDE CO., CAL.—Offices, 2 story and base, reinforced concrete, \$27,741. Architects, Kysor and Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. Contractors, Cremer Manufacturing Co., Riverside. Contract price, \$27,741.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BUILDING — Sealed proposals indorsed "Proposals for One Set of Double Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. September 27, 1913, and then publicly opened, for one set of double quarters, marine barracks, naval station, Pearl Harbor, Hawaii. Amount available, \$15,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING — Sealed proposals indorsed "Proposals for Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. September 13, 1913, and then and there publicly opened, for constructing buildings for shipfitters' shop, mold loft, boiler shop and structural steel storage buildings, navy yard, Puget Sound, Wash. Estimated cost, \$255,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING — Sealed proposals indorsed "Proposals for Bag Factory and Storehouse" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. September 27, 1913, and then and there publicly opened, for bag factory and storehouse at the U. S. naval magazine, Puget Sound, Wash. Amount available, \$15,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR ROAD WORK.

Sealed bids will be received by the Clerk of the Board of Supervisors of Contra Costa County, its office in the Courthouse in the town of Martinez, until 11 o'clock a. m. on Tuesday, September 2, 1913, for guttering, draining and macadamizing with bituminated concrete pavement and for or an oil macadam pavement, a portion of the County Road leading from Oakland to Lafayette and known as the Tunnel Road, and beginning at the County line in the Tunnel and running easterly for a distance of 15,845 feet, more or less. Specifications for this work are on file in the office of the said Board, to which bidders are hereby referred.

All bids or proposals must be accompanied by a cash deposit or a certified check in a sum not less than ten per cent of the amount bid. Said deposit or check to be forfeited to the County of Contra Costa if the successful bidder does not, within five days after receiving notice that the contract has been awarded to him, enter into a contract with the County of Contra Costa, and give a good and sufficient bond in such sum as the Board of Supervisors may deem adequate and conditioned for the faithful performance of said contract. Said bond and contract to be executed to the satisfaction of and subject to acceptance of the Board of Supervisors of the County of Contra Costa.

The Board of Supervisors of said County reserves the right to reject any and all bids as the public good may require. The contract to be let to the lowest and best bidder.

By order of the Board of Supervisors of Contra Costa County.

Dated: August 15th, 1913.

J. H. WELLS.

Clerk of the Board of Supervisors of Contra Costa County.

PROPOSALS FOR HIGHWAY BRIDGE.

STEEL HIGHWAY BRIDGE — Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Highway Bridge Across the San Juan River, Navajo Indian Reservation, New Mexico," and addressed to the Commissioners of Indian Affairs, Washington, D. C. will be received at the Indian office until 2 o'clock p. m. September 15, 1913, for furnishing materials and labor for the erecting of a steel highway bridge across the San Juan River, Navajo Indian Reservation, New Mexico, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the office of the supervisor of construction, Denver, Colo.; the U. S. Indian warehouse at San Francisco, Cal.; and at the San Juan School, Fort Hater information apply to the superintendent of the San Juan Indian School, Shiprock, New Mexico. CATO SELLS, commissioner.

PROPOSALS FOR TERRA COTTA

MASONRY WORK.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 3rd day of September, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The architectural terra cotta and masonry work for the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within five hundred (500) calendar days thereafter. The amount of bond for faithful performance of contract has been fixed at \$30,000.00.

All proposals must be accompanied by a check certified by a responsible bank, payable to the order of the clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS

For Furnishing, Constructing and Installing a Complete Electric Starter and Lighting System for Automobile No. 9 of the San Francisco Fire Department.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco, Cal.

In accordance with a resolution of the Board of Fire Commissioners duly passed August 1, 1913, sealed proposals will be received in open session of the Board on Friday, August 29, 1913, between the hours of 8:30 and 9 o'clock a. m., for furnishing, constructing and installing a complete electric starter and lighting system for Automobile No. 9 of the San Francisco Fire Department, in strict accordance with the specifications and conditions contained in the proposal blank prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of said Board, 1231 Market Street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS.
FRANK T. KENNEDY, Secretary.

PROPOSALS

For furnishing three (3) each of 65-foot and 50-foot trussed extension ladders, each in raising device and equipment, for the San Francisco Fire Department.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco, Cal.

In accordance with a resolution of the Board of Fire Commissioners, duly passed August 8, 1913, sealed proposals will be received in open session of the Board on Friday, August 29, 1913, between the hours of 8:30 and 9 o'clock a. m., for furnishing, testing and delivering three (3) each of 65-foot and 50-foot trussed extension ladders, for use in the San Francisco Fire Department, in strict accordance with the specifications and conditions contained in the proposal blank prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of said Board, 1231 Market Street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS.
FRANK T. KENNEDY, Secretary.

NOTICE TO CONTRACTORS.

NOTICE is hereby given, that on Wednesday, the 3rd day of September, 1913, up to the hour of 2 o'clock p. m. of that day, sealed proposals will be received by the Board of Supervisors of Marin County for the erection of a building to be known as Marin Infirmary at the County Farm in Lucas Valley in said county.

Said bids must be in writing and must offer to do the work and furnish all the labor, material, tools and im-

plements necessary for the construction and completion of said "Marin County Infirmary" in strict accordance with the plans and specifications therefor adopted by this Board on the 13th day of August, 1913.

Each bid must be accompanied by a certified check for ten per centum of the amount bid.

The successful bidder must be prepared to execute a bond in a sum equal to one-half of the amount bid to be approved by this Board for the faithful performance of such contract, and a bond for an equal sum for the payment for all material, men and labor, furnishing material or labor for such work.

The Board reserves the right to reject any and all bids.

The plans hereinbefore referred to can be seen at the office of the County Clerk of Marin County.

Dated August 13th, 1913.
ROB. E. GRAHAM,
County Clerk and Clerk of the Board of Supervisors of Marin County.

NOTICE TO CONTRACTORS.

Sealed bids will be received at the office of the Comptroller, University of California, Berkeley, Calif., at or before 10:00 a. m., Monday, September 15th, 1913, for excavating, laying tile, placing 11t boxes, etc., and back-filling of about 21,000 lineal feet of drainage ditches on the Kearney Ranch, near Fresno, California, as per specifications on file at said office.

No bids will be received unless accompanied by a certified check or bond in favor of the undersigned, equal to ten per cent. of the bid, to secure execution of contract by successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

NOTICE TO CONTRACTORS.

BURLINGAME CITY HALL.

Sealed proposals will be received by the Board of Trustees of the City of Burlingame, California, at 8:00 o'clock p. m., September 2nd, 1913, for all material and labor necessary for the construction of the Burlingame City Hall in accordance with the plans, specifications and general conditions for said City Hall which may be obtained from J. R. Murphy, City Clerk, in the City of Burlingame or at the office of Charles Peter Weeks, the architect, Mutual Savings Bank Building, San Francisco, Cal.

A deposit satisfactory to the owner in the sum of ten per cent. of the contract price will be required for the faithful performance of the contract.

Progressive payments will be made. All bids shall be on the forms furnished with the plans and specifications.

The right is reserved to reject any and all bids.

Each bid shall be accompanied by a certified check for Twenty-five per cent of the amount bid, payable to J. R. Murphy, City Clerk of Burlingame, which check shall be forfeited to the City of Burlingame by the successful bidder if he fails to enter into a contract for the completion of the work with said City or fails to furnish acceptable surety bonds within Ten (10) days after the award. Upon fulfillment of the contract, the City of Burlingame the successful bidder's check shall be returned to him. All other checks shall be returned to the proper parties.

A deposit of Twenty-five (\$25.00) must be made for each set of plans and specifications, which Twenty-five (\$25.00) Dollars will be refunded upon return of the plans and specifications.

J. R. MURPHY, City Clerk.

PROPOSALS FOR PIPE.

PIPE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m., September 3, 1913, for furnishing and installing pipe for Arrowrock Dam, Boise project, Idaho. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. J. M. McKINLEY, acting director.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 785—Proposals for furnishing and erecting a movable span or trestle over the French Canal at Cristobal.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., September 5, of which time they will be opened in public, for furnishing and erecting the above mentioned movable span, the date of opening originally set for this circular was August 6, but has been postponed as stated above, to September 5. For further information address F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR FIR TIMBER.

FIR TIMBER—U. S. Engineer Office, Chicago, Ill.—Sealed proposals for furnishing fir timber for use in Chicago, Ill., for the construction of bargeats will be received at this office until 10 a. m., September 5, 1913, and then publicly opened. Information on application to this office or to U. S. Engineer Office, Seattle, Wash. GEO. A. ZINN, Lt. Col. Engrs.

PROPOSALS FOR PIER WORK.

PIER WORK—Sealed proposals for doing "Proposals for Extension to Pier" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 13, 1913, and then publicly opened, for construction of creosoted pile and timber extension to Pier No. 8, at the navy yard, Puget Sound, Wash. Amount available \$100,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR MAGAZINE BUILDING.

BUILDING—Sealed proposals for doing "Proposals for Magazine Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 20, 1913, and then there publicly opened, for seven magazine buildings at the United States naval station, Pearl Harbor, Hawaii. Estimated cost, \$126,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR REINFORCED CONCRETE CULVERTS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m., on Tuesday, September 2, 1913, for constructing a reinforced concrete culvert and walls on county road leading from San Bruno to Crystal Springs, being third bridge west of Mission road, in the First Road District, as per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, August 19, 1913, which said plans and specifications are now on file in the office of the clerk of said Board where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. JOS. H. NASH.

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story, and base, \$15,000. San Francisco, Architects, Righetti and Headman, Phelan Bldg., S. F. Owner, Mr. Faville. The building will be erected on property at the corner of Green and Montgomery streets, covering a considerable ground area. There will be stores on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. Plans provide for steam heat. Bath rooms will have cement floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base, brick and steel, \$100,000. San Francisco, Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Starr and Larsen. This building will be erected at the southeast corner of Sutter and Jones streets, covering an area of 71 feet 9 inches by 59 feet 9 inches. Interior has been arranged for 18 large suites besides stores and lobby on the first floor. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat, vacuum cleaning system, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. All apartments will be equipped with wall beds and will have private bath rooms. Exterior of the building will be faced with pressed brick. Contracts for the steel work and foundations have been let. Bids are now being taken on all other parts of the work. Contracts will be segregated.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco, Architect, Theo. S. Boehm, David Hewes Bldg., S. F. Owners, Pockman and Co. The dwelling has been designed to contain seven rooms and bath and will be erected on the south side of Anza street near 13th avenue. Interior finish will be of pine throughout with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and large open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and brick veneer base. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco, Architects, Righetti and Headman, Phelan Bldg., S. F. Owner, Mr. Rossi. This house will be erected on Union street and has been designed for an eight room dwelling with bath and sleeping porch. Interior finish will be of pine with some hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system, probably hot air, and open fire place. Mantel will be of brick or tile.

Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Some brick veneer will also be used. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco, Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Westgate Park Co. and A. S. Cunningham. The dwelling will be erected in St. Francis Wood and has been designed for an eight room house with two baths and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room and reception hall. Tile will be used in the bathrooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame, \$3,500 each. San Francisco, Architect, D. Olsen, 46 29th avenue, S. F. Owner, George C. Todhunter, 449 29th avenue. These houses will be erected on the east side of Ashbury street north of 17th. Each house has been designed to contain seven rooms and bath. Interiors will be finished in pine with some elm veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchens. Interiors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE ALTERATIONS—2 story brick and frame, \$16,000. San Francisco, Architect, Henry H. Meyer, Kohl Bldg., S. F. Owners, Goldberg-Bowen & Co. The building now occupied by the owners at the southwest corner of Haight and Masonic avenue will be added to and two additional stories constructed. Upper floors will be subdivided into modern apartments of two and three rooms. Interior finish will be of pine with some elm panels and hardwood floors. A central heating system will be installed. Tile will be used in the bath rooms. Present store will be unchanged. Exterior of the new portion of the building will be covered with brick veneer and terra cotta. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$17,000. San Francisco, Architect, Frank S. Holland, 100 Haight street, S. F. Owner's name withheld. The building has been mentioned in these columns before when plans were first started. The building will cover a considerable ground area and will be arranged with a store on the first floor and suites of two and three rooms above. Interior finish will be of pine throughout. All suites will have wall beds and private bath

rooms. A central heating system, probably steam, will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster and brick veneer base. Plans are complete and figures are being taken.

RELIEF HOME CHAPEL—1 story and base, frame, \$12,000. San Francisco, Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids were opened at the last meeting of the Board of Public Works for the construction of a Chapel at the Relief Home Tract. The lowest figures were presented by J. W. Carr at \$9,482. A complete list of these bids appear under the heading of San Francisco, in this issue.

FLATS—2 story and base, frame, \$4,800. San Francisco, Architect, none. Owner, J. Harold Johnson, 732 9th avenue, S. F. The building, which has been designed to contain two modern flats will be erected on the east side of 9th avenue south of Cabrillo, covering an area of 24 feet 10 inches by 57 feet. Interior will be finished in pine with some hardwood floors. There will be an open fire place with brick mantel in each of the living rooms. Some hardwood floors will be used. Tile will be used in the bathrooms and kitchens. Terrazzo will be used in the vestibule. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story ad base, frame, \$4,000. San Francisco, Architect, none. Owners, Leigh and Schultz, 330 8th avenue, S. F. The building will be erected on the east side of 15th avenue near Anza street and will cover an area of 28x52 feet. Interior has been arranged to contain two flats of four and five rooms each with bath. Interior finish will be of pine and redwood with some hardwood floors. Each living room will have an open fire place with brick or tile mantel. Bath rooms will have cement floors and tile wainscot. Tile will also be used in the kitchens. Entrance vestibule will be finished in terrazzo. Exterior of the building will be covered with rustic, cement plaster on metal lath and an artificial stone base. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

GARAGE—1 story and base, Class A construction, \$35,000. San Francisco, Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the down town district and has been designed for one of the largest commercial garages in the city. Construction will be fireproof. The structure will have a storage area of 28,000 square feet. Plans provide for a complete steel frame, reinforced concrete walls, a concrete floor and steel roof trusses. Metal window sash and frames and special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LODGE HALL—3 story and base, brick and steel, \$25,000. Architect, Charles Paff, Merchants' Exchange Bldg., S. F. Owners, Carpenters' Hall Association. Working drawings for

this building have been completed and bids are now being taken on the general contract. The structure has been designed with stores on the first floor and lodge halls and offices on the upper two floors. There will be a central heating system and elevator service. Stores will have patent fronts and plate glass windows. Modern plumbing and electric work will be installed. Exterior of the building will be faced with pressed brick. The building will be erected at the corner of McCoppin and Valencia streets. Interior finish will be largely of pine with some hardwood. Plans and specifications can be secured from the secretary of the Carpenters' Hall Association at 804 Mission street. Two propositions are being figured; Proposition A calling for a figure on the entire work and Proposition B calling for all work except carpentry.

COUNTY INFIRMARY—2 story and base, reinforced concrete. \$40,000. San Rafael, Marin Co., Cal. Architect Thomas O'Connor, 104 D street, San Rafael. Owners, Marin County. The building has been designed in the Mission style and will be erected in the Lucas Valley, a short distance out of San Rafael. There will be a general administration section, two wards, dining rooms, kitchens and dormitories. Provision has also been made for a modern operating room. Interior finish will be of pine and redwood with considerable marble and tile. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster and a clay tile roof will be used. Plans are complete and now out for figures. Bid will be opened by the Board of Supervisors on September 2nd. An official proposal appears in another column of this issue.

CITY HALL—4 story and base, Class A construction, \$1,500,000. San Francisco. Architects, Bakewell and Brown, 251 Kearny street S. F. Owners, City and County of San Francisco. Plans and specifications for the architectural terra cotta and masonry work on the new City Hall have been completed and have received the approval of the Board of Public Works. Bids are now being called for on this work. Figures will be opened on September 3rd by the Board of Public Works. Plans and specifications can be obtained from the City Department of Architecture, Temporary City Hall Bldg. An official proposal for this work appears under the heading of Official Advertising in this issue.

HOTEL—6 story and base, reinforced brick, \$65,000. San Francisco. Architect, G. Albert Lunsburgh, 709 Mission street, S. F. Owner, A. Eisenberg. This work was mentioned here when the architect was first commissioned to prepare the plans. Working drawings are nearly complete and figures will be called for about the first of the month. The structure will be erected on the north side of Sutter street between Jones and Leavenworth streets, covering a considerable ground area. There will be a store besides the hotel lobby on the ground floor and in the neighborhood of 100 rooms on the upper floors. A large percentage of the rooms will have private baths. Interior finish will be of pine with some hardwood veneer. Ornamental plaster will

be used in the lobby. Plans provide for steam heat, a hot and cold water supply, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Bids will be called for early in September.

HOTEL—6 story and base, Class C construction, \$40,000. San Francisco. Architects, O'Brien and Werner, Foxcroft Bldg., S. F. Owner, Thomas O'Day. The building will be erected on the south side of O'Farrell street east of Larkin street covering an area of 49x90 feet. There will be stores on the first floor and the entrance to the hotel lobby, which will be on the second floor. Upper floors will contain in the neighborhood of 90 rooms with several baths on each floor. Interior finish will be largely of pine. Bath rooms will have composition floors and tile wainscot. Hot and cold running water will be supplied to all rooms. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

PASSENGER STATION—1 story, brick and steel. Cost not stated. San Francisco. Architect's name withheld. Owners, Ocean Shore Railway Co., 11th street, S. F. Plans have been prepared for a modern station which will be erected on the company's property on the west side of 11th street between Market and Mission streets. A petition is now before the Street Committee of the Supervisors for permission to cross Mission street with the company's tracks. Construction will be started as soon as this permission is granted. Further mention will be made of the work when bids are called.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, J. E. Kothie, 2575 23rd avenue, S. F. The dwelling has been designed for a six room house with bath. Interior finish will be of pine throughout. There will be a large open fire place in the living room with brick mantel. Some hardwood floors will be used. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

CAFE DECORATIONS—Cost not stated. San Francisco. Architects, Righetti and Headman, Phelan Bldg., S. F. Owners, Solari's Cafe. Mr. Solari, one of San Francisco's best known cafe men, will open a new cafe in the building at the southwest corner of Geary and Mason streets. Plans are now being prepared for interior decorations. Ornamental plaster, hardwoods and special light effects will be used. Plans will shortly be ready for figures.

STORES AND OFFICES—2 story and base, brick and steel, \$10,000. San Francisco. Architects, Heiman and Schwartz, Nevada Bank Bldg., S. F. Owner, J. P. Sweeney. The building will be erected on the north side of Geary street just east of Van Ness avenue and has been designed for use by the New World, a Japanese newspaper. Upper floor will be used as offices. Interior finish will be of pine throughout. A cement floor will be used on the ground floor. There will

be modern plumbing and electric work. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures have been taken. A contract will be awarded at once.

SALOON—1 story and base, brick. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Waterfront Realty Co. The building will be erected at the corner of East and Oregon streets and will cover an area of 60x15 feet. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

HOTEL—8 story and basement, brick and steel, \$50,000. San Francisco. Architects, MacDonald and MacDonald, Holbrook Bldg., S. F. Owner, Reuben Lloyd. Contractors, MacDonald and Kahn, Rialto Bldg., S. F. Contract price, \$50,000. Note, the contractors are now taking sub-figures on the various parts of the work.

RESIDENCES—4, 2 story and base, frame, \$35,000. San Francisco. Architect, C. F. Whittlesey, 555 Clayton street, S. F. Owner, H. P. Livermore, Merchants' National Bank Bldg., S. F. Contractor, Marcus Marcussen, 19 Divisadero street, S. F. Contract price, \$35,000.

Terra Cotta Works Visited by S. F. A. C.

N. Clark & Sons Hosts and Open Their
Alameda Shops to City Guests
on Saturday.

Last Saturday afternoon the members of the San Francisco Architectural Club and their friends paid a visit to the factory and pottery of Messrs. N. Clark & Sons in Alameda.

It is the desire of the Club this year to visit a number of the works of large industrial concerns with a view to familiarize its members with the processes of manufacture of the various materials connected and allied with the building trades. Knowing of this desire, Messrs. N. Clark & Sons extended invitations to the members to visit their works.

About 150 gentlemen accepted and were met at the Ferry Building by Mr. Gwynn, the firm's manager, who escorted the members across the bay to Alameda. A special S. F. Co. car was reserved for the club and thence run right into the works. Arrived there, the party was welcomed by Mr. A. V. Clark and Mr. Phillips, the works manager. Before inspecting the various departments connected with the making of architectural terra cotta and other clay products, the members were gathered together in the drafting department where an interesting lecture was given by Mr. Phillips and practical methods of the various stages of manufacture of architectural terra cotta were demonstrated by several of the employees of the firm.

Afterwards they dispersed for a couple of hours throughout the various buildings and viewed the plant and machinery.

The party was thereafter hospitably entertained by the firm. After spend-

ing a pleasant two and a half hours, the party returned to the city.

Before leaving the works, the president of the club, Mr. Harry E. Nye, made a few appreciative remarks and extended to Messrs. N. Clark & Sons a hearty vote of thanks for the opportunity given to inspect the works and for the instructive and entertaining afternoon, which everyone thoroughly enjoyed.

City Bids Opened.

Board of Public Works Opens Bids for Construction of Chapel at Relief Home Tract.

Bids were opened by the Board of Public Works at their afternoon meeting on Wednesday for the construction of a frame chapel which is to be erected at the Relief Home Tract. Plans for the building were prepared by the City Department of Architecture. J. W. Carr submitted the lowest figure at \$9,482. The following bids were opened:

Relief Home Chapel.

No.	Owner	Contractor	Am't.
3016	Robert Trost	Olson	\$10,541
3017	Monson Bros.	Olson	10,800
3018	J. W. Carr	Olson	9,482
3019	McSheehy Bros.	Olson	11,742
3020	Otto Rechmrogel	Olson	9,879
3021	James McLaughlin	Olson	11,488
3022	E. W. Elliott	Olson	11,797
3023	Graham & Jensen	Olson	11,668
3024	F. H. Born	Olson	12,837

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
3016	Jensen	Olson	500
3017	Lahane	Lahane	850
3018	Sylvester	Sylvester	4000
3019	Spring	Winham	450
3020	Lapham	Lapham	2500
3021	Leonard	Devenenzi	3250
3022	Pratt	Barrett	15808
3023	P. P. I. Ex.	Flinn	4555
3024	Ivanti	Debenedetti	2300
3025	Porter	Martin	2934
3026	Runcallo	Cuneo	2767
3027	Pillsbury	Campbell	2592
3028	Phelan	Gen. Elec.	3600
3029	Hearst	Megas	400
3030	McDonald	Urie	450
3031	Ford	Stockholm	500
3032	Rideout	Ferguson	700
3033	Pfandler	Cairlian	400
3034	Snyder	Gillespie	1000
3035	Prudden	Prudden	1000
3036	Malta	Malta	400
3037	Salomon	Ratto	5100
3038	Mills	Phoenix	1500
3039	Hills	Cal. Constr.	4250
3040	Honduras	Schwerdt	14720
3041	Cannats	Grant	1000
3042	Healy	Tibbitts	450
3043	Robinson	Robinson	400
3044	Leigh	Schultz	4000
3045	Sanguinetti	Sanguinetti	400
3046	Boos	Foulton	400
3047	Johnson	Johnson	3500
3048	Todhunter	Todhunter	3500
3049	Todhunter	Todhunter	3500
3050	Cervieres	Burns	760
3051	Conlin	Campbell	800
3052	Boyd	Watson	9169
3053	Renault	Bell	4396
3054	Deuprey	Holden	2750
3055	Deuprey	Holden	2750
3056	Deuprey	Holden	2750
3057	Deuprey	Holden	2750
3058	Quaranta	Quaranta	6000
3059	Hume	Spencer	1900
3060	Hume	Spencer	1900
3061	Hacke	Zimmerman	4000
3062	Walsh	Burns	490
3063	Walsh	Davis	450
3064	Sweeney	Findlayson	870
3065	Forester's	Hall	3000
3066	Herlihy	Whitman	1000
3067	Marks	Matthews	3569
3068	Marks	Sayre	1360
3069	Marks	Whitney	2688

3070	Marks	Ernst	999
3071	Moore	Goerlicke	10415
3072	Thorne	Ellingson	3630

(3016) 67 LANDERS. Add one room, extend porch.
Owner.....O. W. Jensen, Premises.
Architect.....None.
Contractor.....A. E. Olson, 125 Jersey, St., San Francisco.

COST, \$500

(3017) 1816 SCOTT. Alter (3) flats.
Owner.....G. F. Lahane, 902 Potrero Ave., S. F.
Architect.....None.
Day's work

COST, \$650

(3018) S QUESADA, 125 E IANE.
One-story and basement frame dwlg.
Owner.....Ralph Sylvester, 1232 Brunswick, S. F.

Architect.....None.
Day's work.

COST, \$1000

(3019) (GORE) MARKET AND RES-
ervoir. Remove and replace rustic;
repair roof.
Owner.....G. H. Spring, Fruitvale, Calif.

Architect.....None.
Contractor.....H. G. Winham, 589 62nd St., Oakland.

COST, \$450

(3020) 12TH AVENUE, 225 S ANZA.
Two-story and basement frame residence.
Owner.....A. R. Lapham, 1853 McAlister, S. F.

Architect.....None.
Contractor.....R. E. Lapham, 1553 McAlister, S. F.

COST, \$2500

(3021) N PARNASSUS AVE., SE-0-4 W
4th Ave., W 26-0-4, N 107-6, E 25, S
100-1-2. Excavating, concrete, brick,
carpenter, roofing, hardware, bath
and plaster for two-story, attic and
basement frame residence.
Owner.....Mary E. Leonard.
Architect.....W. H. Crim, Jr., 425 Kearny, S. F.

Contractor.....Devenenzi Bros. & Co., 1069 Union, S. F.

Filed Aug. 18, '13. Dated Aug. 12, '13.
Roof on\$1312 50
Rough coat on 1312 50
Completed and accepted 1312 50
Usual 35 days 1312 50

TOTAL COST, \$5250

Bond, \$2625. Sureties, Domenica Devenenzi and L. Peirano. Forfeit, \$5,000.
Limit, 30 days. Plans and specifications filed.

(3022) W SPEAR AND HOWARD, N
W 132-6xSW 68-9. All work of excavating, piling, and concrete for three-story, mezzanine and basement mill construction grocery warehouse.
Owner.....Orville C. Pratt, Jr., Flood Bldg., S. F.

Architect.....Bakewell & Brown, 251 Kearny, S. F.

Contractor.....Barrett & Hip.

Filed Aug. 18, '13. Dated Aug. 14, '13.
Excavation completed\$3000
Piling completed 3000
Concrete work on foundation completed 4500
Completed and accepted 1356
Usual 35 days 3952

TOTAL COST, \$15,808

Bond, \$7905. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, \$20. Limit, 30 days. Plans and specifications filed.

(3023) EXPOSITION SITE. All work for construction and installation of East roadway and Fillmore street entrance.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect.....None.
Contractor.....Flinn & Treacy First National Bank Bldg., S. F.

Filed Aug. 18, '13. Dated Aug. 9, '13.
Twenty days after estimates of work done and material furnished

Usual 35 days75%
TOTAL COST, \$4555.14

Bond, \$3000. Sureties, Fidelity and Deposit Co. of Maryland, Forfeit, \$10. Limit, 30 days. Plans and specifications filed.

(3024) NW HURON AND NAGLEE Ave., NW 225xNE 100, portion West End Map No. 2. All work for one-story and basement frame cottage.
Owner.....Cesare Ivanti.

Architect.....L. Traverso, 854 Union, San Francisco.

Contractor.....Andrea Debenedetti and Gaetano Cuneo.

Filed Aug. 18, '13. Dated Aug. 14, '13.
Enclosed and roof on\$575
Brown coated 575
Completed and accepted 575
Usual 35 days 575

TOTAL COST, \$2300
Bond, Sureties, Forfeit none. Limit, 60 days. Plans and specifications filed.

(2025) S PACIFIC, 66-9 W PRESIDIO Ave., N 52xS 41-5-4, No. 3203 Pacific Ave. All work for modifications and additions, except plumbing, painting, masteis and electric fixtures for frame dwelling to be reconstructed (modifying contract recorded July 30, '13.)

Owner.....Robert C. Porter, 1700 Spreckels Bldg., S. F.

Architect.....Henry C. Smith, Humboldt Bank Bldg., S. F.

Contractor.....William Martin, 110 Jessie, S. F.

Filed Aug. 18, '13. Dated July 30, '13.
Outside walls and partitions in place\$ 978
Roof and plaster work completed 978
Notice of completion recorded.. 978
Usual 35 days 1000

TOTAL COST, \$3934
Bond, \$1975. Sureties, National Surety Plans and specifications filed.

Co. Forfeit, none. Limit 60 days.

(3026) W 2ND AVE., 100 S Lake, S 25xW 120. All work for alterations to cottage (5 rooms and bath.)
Owner.....Giuseppe Runcallo, 119 Second Ave., S. F.

Architect.....None.
Contractor.....Walter J. Cuneo, 686 Capp St., S. F.

Filed Aug. 18, '13. Dated July 26, '13.
Building in place and alterations framed\$922 33-1/4
Brown coat on alterations.. 922 33-1/4
Completed and accepted.. 922 33-1/4

TOTAL COST, \$2767
Bond, Sureties, Forfeit, none. Limit, 100 days from July 30, 1913. Plans and specifications filed.

(3027) NE PACIFIC AVE. AND BROAD-
BENTON, 137-6x265-2-1/4. All work for excavations, brick, concrete, iron, etc. of fence, walk, gate fences, etc. at residence.

Owner.....E. S. Pillsbury, Standard Oil Bldg., S. F.
 Architect.....J. E. Kraft & Sons, Phelan Bldg., S. F.
 Contractor...Campbell Bros, 180 Jessie St., S. F.
 Filed Aug. 18, '13. Dated Aug. 16, '13.
 Concrete and brick work finished\$1000
 Completed and accepted 944
 36 days after 648
TOTAL COST, \$2592
 Bond, \$1300. Sureties, Charles A. Carillon and P. J. W. Anderson. Forfeit, \$5.00. Limit, Oct. 1, 1913. Plans and specifications: filed.

(3028) W 4TH AND JESSIE, NW 75x SW 75. All electrical work for 8-story steel frame building.
 Owner.....Mary L. Phelan.
 Architect.....Wm. Curlett & Son, Phelan Bldg., S. F.
 Contractor...General Electrical Construction Co, 219 Minna St., San Francisco.
 Filed Aug. 18, '13. Dated Aug. 12, '13.
 1st and 15th of each month as work progresses75%
 Usual 35 days25%
TOTAL COST, \$3600
 Bond, \$1800. Sureties, U. S. Fidelity and Guaranty Co. Forfeit, none. Limit, 30 days. Plans and specifications filed.

(3029) 3194 22ND. Minor repairs in restaurant.
 Owner.....G. B. Hearst.
 Architect.....None.
 Contractor...Peter Megas, 3676 19th, San Francisco.
COST, \$400

(3030) 1146 Sutter. Repair fire damage.
 Owner.....Mrs. Mary McDonald, 2472 Union, San Francisco.
 Architect.....None.
 Contractor...Chas. E. Urfer, 2650 Post, San Francisco.
COST, \$450

(3031) 738 STOCKTON. Brick underpinning and grading.
 Owner.....B. Ford, 354 Pine, S. F.
 Architect.....None.
 Contractor...Stockholm & Allyn, Builders' Exchange, S. F.
COST, \$500

(3032) N WASHINGTON, 137-6 E Gough. Alter and repair dwelling.
 Owner.....Mrs. Phoebe M. Rideout.
 Architect.....C. S. McNally, 57 Post, San Francisco.
 Contractor...Ferguson & Son.
COST, \$700

(3033) 1451 HAIGHT. Excavate and underpin present building.
 Owner.....Anton Pfandler, Premises.
 Architect.....None.
 Contractor...G. Cairllan, 180 Jessie, San Francisco.
COST, \$400

(3034) 2324 DIVISADERO. Minor repairs on dwelling.
 Owner.....Mrs. E. H. Suydam, Premises.
 Architect.....None.
 Contractor...G. G. Gillespie, 180 Jessie, San Francisco.
COST, \$1000

(3035) 441 VIENNA. Add two rooms to dwelling.
 Owner...T. N. Prudden, Premises.

Architect...James Walsh, 112 Market San Francisco.
 Day's work. **COST, \$1000**
 (3036) 583 SUNNYSIDE AVE. One-story frame dwelling.
 Owner.....P. Malta, Premises.
 Architect.....None.
 Day's work. **COST, \$400**

(3037) W TRENTON, 112-6 N Jackson,—25, W 57, S 25, E 57. All work for two-story and basement Class C building.
 Owner.....Maurice Salomon and Arthur Gosliner, Humboldt Bank Bldg., S. F.
 Architect.....C. O. Clausen, Phelan Bldg., S. F.
 Contractor...John S. Ratto, 24 Ratto Bldg., S. F.
 Filed Aug. 19, '13. Dated Aug. 18, '13.
 Second floor joists set\$1275
 Brown coated 1275
 Completed and accepted 1275
 Usual 35 days 1275
TOTAL COST, \$5100
 Bond, \$2550. Sureties, Southwestern Surety Insurance Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

(3038) N BUSH, adjacent to east side of Mills Bldg, fronting on Bush 68-9. Furnish and deliver cast iron bases for addition to Mills Bldg.
 Owner.....Ogden Mills.
 Architect.....Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
 Contractor...The Phoenix Iron Works.
 Filed Aug. 19, '13. Dated July 31, '13.
 Installments as work progresses.75%
 Usual 35 days25%
TOTAL COST, \$1500
 Bond, \$800. Sureties, W. B. Morris and Otto Schrader. Forfeit, \$10. Limit, Oct. 1, '13.

(3039) ERECT ALL STRUCTURAL steel, set in place all cast iron bases on above.
 Contractor...California Constr. Co., 681 Market, S. F.
 Filed Aug. 19, '13. Dated Aug. 1, '13.
 Payments same as above.
TOTAL COST, \$6575
 Bond, \$3300. Sureties, Pacific Coast Casualty Co. Forfeit, \$15.00. Limit, Dec. 31, 1913, providing first shipment of steel of upper story arrives Dec. 11, 1913. Plans and specifications filed.

(3040) SW PORTION EXPOSITION GROUNDS. All work carpenter, plumbing, electric work, painting, etc., for two-story frame building for Exposition purposes.
 Owner.....The Government of Honduras.
 Architect.....Philip Schwerdt & Company, Phelan Bldg., S. F.
 Contractor...Philip Schwerdt Company, Phelan Bldg., S. F.
 Filed Aug. 19, '13. Dated Aug. 2, '13.
 Upon signing contract and delivering the required bond...\$3680
 Rough frame up 3680
 Enclosed, rough coat plaster on, roof done and plumbing done and 1st story ready for painter 3680
 Completed and accepted 3680
TOTAL COST, \$14,720
 Bond, Sureties, none. Forfeit, \$5. Limit, 150 days from Aug. 14. Plans and specifications filed.

(3041) N SAGAMORE, 50 W Plymouth. One-story, frame store.
 Owner.....Nick Cannata, 106 Sagamore.
 Architect.....None.
 Contractor...John C. Grant, 553 London St., S. F.
COST, \$1000
 (3042) SW MASON & NORTH POINT. Add to blacksmith shop.
 Owner.....Healy-Tibbitts Construction Co., 9 Main St., S. F.
 Architect.....None.
 Day's work. **COST, \$450**
 (3043) 449 15TH AVE. Minor repairs to front.
 Owner.....David C. Robinson, Prem.
 Architect.....None.
 Day's work. **COST, \$400**
 (3044) E 15TH AVE., 30 N Anza. Two-story and basement frame (2) flats, 28x52.
 Owner.....Leigh & Schultz, 330 8th avenue, S. F.
 Architect.....None.
 Day's work. **COST, \$4000**
 (3045) NO. 829 UNION ST. Install bay window.
 Owner.....Mrs. G. Sanguinetti, Premises.
 Architect.....J. A. Porporato, 619 Washington, S. F.
 Day's work. **COST, \$400**
 (3046) NO. 1059 MARKET. Erect balcony.
 Owner.....Doos Bros., Premises.
 Architect.....None.
 Contractor...G. M. Foulton, 301 Front, San Francisco.
COST, \$400
 (3047) E 9TH AVE., 200 S Cabrillo. Two-story and basement frame (2) flats.
 Owner.....J. Harold Johnson, 732 9th avenue, S. F.
 Architect.....None.
 Day's work. **COST, \$4500**
 (3048) E ASHBURY, 870 N 17th. Two-story and basement frame residence.
 Owner.....Geo. C. Todhunter, 446 29th avenue, S. F.
 Architect...D. Olson, 446 29th avenue, San Francisco.
 Day's work. **COST, \$3500**
 (3049) E ASHBURY, 395 N 17th. Two-story and basement frame residence.
 Owner.....Geo. C. Todhunter, 446 29th avenue, S. F.
 Architect...D. Olson, 446 29th avenue, San Francisco.
 Day's work. **COST, \$3500**
 (3050) NW MCKINNON AVE., and Newhall, N 100xW 50. All work for excavating, concrete, galvanized iron, roofing, carpenter and mill work, glazing, hardware and painting for two-story stable and fence.
 Owner.....J. M. Cervieres.
 Architects...Fabre & Bearwald, Merchants' National Bank Bldg., S. F.
 Contractor...J. M. Burns, 101 Thornton, San Francisco.
 Filed Aug. 19, '13. Dated Aug. 18, '13.
 Completed and accepted\$570
 Usual 35 days 190
TOTAL COST, \$760

Bond, Sureties, none. Forfeit, \$5.
Limit, Sept. 20, 1913. Plans and specifications filed.

Note: Specifications read W Newhall, 55 N McKennon.

(3051) N NATOMA, 125 W 5th, W 100x 137-6. All brickwork for warehouse.
Owner..... James Conlin, 414 Natoma, S. F.

Superintendent: Mahoney Bros., Crocker Bldg., S. F.
Contractor: Campbell Bros., 150 Jessie, S. F.

Filed Aug. 20, '13. Dated Aug. 14, '13.
Progress on 1st of each month
Usual 35 days\$1500

TOTAL COST, \$6000

Bond, \$3,000. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, \$25. Limit, 40 days. Plans and specifications filed.

Note: First report Aug. 4th, No. 2751; 3-story and basement.

(3052) W 4TH, 75 S Minna, S 34-4½x 137-6. All work except plumbing, electric wiring and sidewalk doors for two-story brick stores.

Owner.....Boyd Investment Co.
Architect.....None.

Contractor: Sidney Watson & A. W. Bryant, 180 Jessie, S. F.

Filed Aug. 20, '13. Dated Aug. 1, '13.
Progressive each week

Usual 35 days25%

TOTAL COST, \$9169

Bond, \$2615 for Sydney Watson. Sureties, Frank H. Gardner and M. B. McGowan. Bond, \$2000 for A. W. Bryant. Sureties, Frank H. Gardner and Thos. Dungan. Forfeit, none. Limit, 60 days after Aug. 4. Plans and specifications filed.

(3053) N 19TH, 185 W Church, W 25x N 114. All work except plumbing and gas fitting for two-story and basement frame building (4 flats).

Owner.....Mary T. Renault, 467 Church, S. F.

Superintendent: Robt. E. Nelson.
Contractor: Bell & Rosslow, 550 Noe, San Francisco.

Filed Aug. 21, '13. Dated Aug. 19, '13.
Foundation completed, frame up, including rafters for roof

.....\$824.25

Ready for plastering\$24.25

Plastering finished, exterior woodwork completed and painted, all sash hung and glazed

.....\$24.25

Completed1099.00

TOTAL COST, \$1436

Bond, \$2193. Sureties, J. B. Gurnan and M. C. Harrison. Forfeit, none. Limit, 75 days from Aug. 19, 1913. Plans and specifications filed.

(3054) E 45TH AVE., 225 N Fulton, N 25x E 120. All work for two-story frame residence.

Owner.....Hillyer Deuprey, 126 Otis, San Francisco.

Architect.....None.
Contractor: Holden & Deuprey, 126 Otis, San Francisco.

Filed Aug. 21, '13. Dated Aug. 1, '13.
Frame up

.....¼

Brown coated

.....¼

Completed

.....¼

Usual 35 days¼

TOTAL COST, \$2750

Bond, \$1375. Sureties, Munson Deuprey and Philip King Brown. Forfeit, \$5. Limit, 90 days. No plans and specifications filed.

(3055) E 35TH AVE., 175 N Fulton, N 25x E 120. All work for two-story frame residence.

Owner.....Hillyer Deuprey, 126 Otis, San Francisco.

Architect.....None.
Contractor: Holden & Deuprey, 126 Otis, San Francisco.

Filed Aug. 21, '13. Dated Aug. 1, '13.
Frame up

.....¼

Brown coated

.....¼

Completed

.....¼

Usual 35 days

.....¼

TOTAL COST, \$2750

Bond, \$1375. Sureties, Munson Deuprey and Philip King Brown. Forfeit, \$5. Limit, 90 days. No plans and specifications filed.

(3056) E 35TH AVE., 150 N Fulton, N 25x E 120. All work for two-story frame residence.

Owner.....Hillyer Deuprey, 126 Otis, San Francisco.

Architect.....None.
Contractor: Holden & Deuprey, 126 Otis, San Francisco.

Filed Aug. 21, '13. Dated Aug. 1, '13.
Frame up

.....¼

Brown coated

.....¼

Completed

.....¼

Usual 35 days

.....¼

TOTAL COST, \$2750

Bond, \$1375. Sureties, Munson Deuprey and Philip King Brown. Forfeit, \$5. Limit, 90 days. No plans and specifications filed.

(3057) E 35TH AVE., 200 N Fulton, N 25x E 120. All work for two-story frame residence.

Owner.....Hillyer Deuprey, 126 Otis, San Francisco.

Architect.....None.
Contractor: Holden & Deuprey, 126 Otis, San Francisco.

Filed Aug. 21, '13. Dated Aug. 1, '13.
Frame up

.....¼

Brown coated

.....¼

Completed

.....¼

Usual 35 days

.....¼

TOTAL COST, \$2750

Bond, \$1375. Sureties, Munson Deuprey and Philip King Brown. Forfeit, \$5. Limit, 90 days. No plans and specifications filed.

(3058) S UNION, 114-10 E Grant Ave., E 22-6xS 68-9. All work for three-story and basement frame (5) flats.

Owner.....Antonio Quaranta.
Architect.....None.

Contractor: L. Dioguardi and A. Sasso.
Filed Aug. 21, '13. Dated Aug. 19, '13.

Frame up and roof on\$1500

Brown coated

.....1500

Acceptance recorded

.....1500

Usual 35 days

.....1500

TOTAL COST, \$6000

Bond, \$3000. Sureties, J. Biller and N Capurro. Forfeit, none. Limit, 90 days. Plans and specifications filed.

(3059) N CHESTNUT, 137-6 E Hyde, E 68-9, N 137-6. All work for plumbing, gas and water service for two-story, attic and basement residence.

Owner.....Mary A. Hume.
Architect.....W. L. Schmollie, 166 Geary, San Francisco.

Contractor: Spencer Plumbing Co, 251 Stevenson, S. F.

Filed Aug. 22, '13. Dated Aug. 13, '13.

On 1st and 15th of each month.....75%

Usual 35 days25%

TOTAL COST, \$1050

Bond, \$540. Sureties, Royal Indemnity

Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

(3060) Same AS ABOVE. All work for concrete foundations, retaining walls and concrete walks and steps.
Contractor: John Spargo, 926 Presidio Ave., S. F.

Filed Aug. 22, '13. Dated Aug. 13, '13.
Payments same as above.....

TOTAL COST, \$2300

Bond, \$1100. Sureties, Fidelity and Deposit Co. of Maryland. Forfeit, none. Limit, 30 days from Aug. 15. Plans and specifications filed.

(3061) SW OLIVE and Larkin, S 60x W 100. All work for removing present buildings and grading, concrete foundations, area walls, basement floor, reinforced concrete sidewalk, for three-story and basement class C building (stores and lodging house.)

Owner.....Mette Hacke.
Architect.....Arthur T. Ehrenpfort, 251 Kearny, S. F.

Contractor: L. M. Zimmerman, 3017 Buchanan, S. F.

Filed Aug. 22, '13. Dated Aug. 20, '13.
Cribbing up ready to deposit concrete

.....\$ 750

Walls stripped, cribbing removed and ground filled back of walk and basement leveled off

.....1500

Completed and accepted

.....\$10

36 days after

.....1020

TOTAL COST, \$4000

Bond, Guaranty Bond in favor of owner. Sureties, Charles A. Carillon and Otto Schraeder. Forfeit, \$10. Limit, 45 days after filing. Plans and specifications filed.

(3062) N GOLDEN GATE AVE., 62-6 W Central Ave., W 25xN 110. All work except plumbing, light fixtures, shades, finish hardware and wall paper for two-story and basement frame dwelling.

Owner.....Edna A. Walsh, 2116 Golden Gate Ave., S. F.

Architect.....Albert Schroeffer, 68 Post, San Francisco.

Contractor: John Burns.
Filed Aug. 22, '13. Dated Aug. 20, '13.

Frame up

.....\$ 700

Enclosed

.....700

Brown coated interior and exterior

.....800

Completed and accepted

.....1480

Usual 35 days

.....1230

TOTAL COST, \$4910

Bond, \$2455. Sureties, Joseph Burns and J. L. Hoover. Forfeit, none. Limit, 80 days. Plans and specifications filed.

(3060) SAME AS ABOVE. All work for plumbing work, gas, water and sewer services.

Contractor: A. Davis, 1558 Dolores St., San Francisco.

Filed Aug. 22, '13. Dated Aug. 20, '13.
Roughed in

.....\$180

Completed and accepted

.....180

Usual 35 days

.....120

TOTAL COST, \$180

Bond, \$240. Sureties, J. H. Wright and Chas. Lauffer. Forfeit, none. Limit, 80 days. Plans and specifications filed.

(5061) N GEARY, 138 E Van Ness Ave. E 26xN 120. All work except elevator, Kawneer bars, excavating, finish hardware and light fixtures for two-story and basement stores and newspaper rooms.

Owner.....James P. Sweeney, Nevada Bank Bldg., S. F.
 Architect...Heiman & Schwarz, Nevada Bank Bldg., S. F.
 Contractor..M. M. Finlayson, 2429 Vallejo, S. F.

Filed Aug. 22, '13. Dated Aug. 18, '13.
 2nd floor joists on\$1850.62
 Roof on 1850.63
 Brown coated 1850.62
 Completed 1850.63
 Usual 35 d ys 2467.50

TOTAL COST, \$9870

Bond, \$4935. Sureties, Mass. Bonding and Insurance Co. Forfeit, none. Limit, 50 days from filing. Plans and specifications filed.

(3065) W 10TH AVE., 375 S Irving, 50x120. All work except plumbing, electrical work and fire escapes for alterations and additions to two-story frame building.

Owner.....Foresters' Hall Association.

Architect...Theo. W. Lenzen, Humboldt Bank Bldg., S. F.

Contractor..G. Orri, 2033 22nd, S. F. and F. Marschalek, 172 14th S. F.

Filed Aug. 23, '13. Dated Aug. 13, '13.
 New frame up and 2nd floor joists set in old bldg.....\$1000
 Roof completed and brown coated inside and outside.... 1500
 Completed and accepted 1250
 Usual 35 days 1250

TOTAL COST, \$5000

Bond, \$2500. Sureties, Guardian Casualty Co. Forfeit, none. Limit, 75 days from recording. Plans and specifications filed.

(3066) E 35TH AVE., 200 N Anza, 25x 120. All work for one-story frame dwelling (four rooms and bath.)

Owner.....A. P. Herlihy, 1325 Broadway, S. F.

Architect...None.

Contractor..Albert Whitman, 2321 Anza, S. F.

Filed Aug. 23, '13. Dated Aug. 22, '13.
 Frame up\$450
 Brown coated 450
 Completed 450
 Usual 35 days 250

TOTAL COST, \$1600

Bond, Sureties, Forfeit, none. Limit, two months. Plans and specifications filed.

(3067) N McALLISTER, 30-1, W Gough, W 34-11xN 100. All rough and finish carpenter work, marble, mosaic, fibre-tone flooring and wainscoting, stairs, glass, hardware, etc., for two-story Class C brick building. Store and rooming house.

Owner.....Marks Bros. Corporation, 831 Market, S. F.

Architect...Bernard J. Joseph, 1st National Bank Bldg., S. F.

Contractor..Mathies & Griffith, 185 Stevenson, S. F.

Filed Aug. 23, '13. Dated Aug. 19, '13.
 2nd floor joists, ceiling joists and roof rafters set, roof sheathed, bearing partitions set and 2nd floor lair, etc., ready for lathing\$1200
 Completed and accepted 1470
 Usual 35 days 890

TOTAL COST, \$3560

Bond, \$1800. Sureties, Jas. S. Fennell and D. J. Sullivan. Forfeit, \$5.00. Limit, 75 days from recording. Plans and specifications filed.

(3068) EXCAVATING, GRADING, concrete, artificial stone work, etc., on above.

Contractor..C. C. Sayre, 541 26th Ave., San Francisco.

Filed Aug. 23, '13. Dated Aug. 19, '13.
 Excavating and grading done, concrete foundations completed\$750
 Completed and accepted 270
 Usual 35 days 340

TOTAL COST, \$1360

Bond, \$680. Sureties, Leon Marchand and J. H. Beardsley. Forfeit, \$5.00. Limit 30 days from recording. Plans and specifications filed.

(3069) ALL WORK COMMON AND face brick, cementing fire walls, sills, due linings, iron work etc., on above.

Contractor..Whitney & Davies.

Filed Aug. 23, '13. Dated Aug. 19, '13.
 Brick walls to 2nd floor joists and 1st story iron work set...\$1008
 Completed and accepted 1008
 Usual 35 days 672

TOTAL COST, \$2688

Bond, \$1360. Sureties, The Aetna Accident and Liability Co. Forfeit, \$5.00. Limit 30 days from recording. Plans and specifications filed.

(3070) ALL WORK FOR PLUMBING, sewerage, gas fitting, including water heater, etc., on above.

Contractor..Henry Ernst & Sons, 633 Hayes, S. F.

Filed Aug. 23, '13. Dated Aug. 19, '13.
 Roughing in completed\$375
 Completed and accepted 374
 Usual 35 days 250

TOTAL COST, \$999

Bond, \$500. Sureties, Geo. W. Springer and Matthew Ebner. Forfeit, \$5.00. Limit, 50 days from recording. Plans and specifications filed.

(3071) NO. 3100 WASHINGTON. All work for alterations to three-story and basement frame residence.

Owner.....Chas. C. Moore, Premises.

Architect...Louis P. Hobart, Crocker Bldg., S. F.

Contractor..W. A. Goerliche, Postal

Telegraph Bldg., S. F.

Filed Aug. 23, '13. Dated Aug. 23, '13.
 35 days after completion, the contractor is to receive profit of \$800 and 15% of sum saved below estimated cost.

COST NOT TO EXCEED \$10,415

Bond, Sureties, Forfeit, Limit, none. Plans and specifications filed.

(3072) NO. 539-37 FILLMORE. All work for alterations and additions of two-story and basement frame into four apartments.

Owner.....Margaret H. Thorne.

Architect...Dunn & Kearns, Monadnock Bldg., S. F.

Contractor..Ellingson & Holt.

Filed Aug. 23, '13. Dated Aug. 21, '13.
 Framing done\$907
 White coated 907
 Completed and accepted 998
 Usual 35 days 908

TOTAL COST, \$3630

Bond, \$1815. Sureties, A. J. Bone and L. Burton. Forfeit, \$6. Limit, 60 days. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Aug. 4, 1913—W OCTAVIA 100 N Chestnut N 25xW 110. A F Magrath and Jos W Coleman as to improvements on leased property..

COMPLETION NOTICES.

San Francisco.

Aug. 16, 1913—NE CLEMENTINA & Third S 30x E 80. Walter H Sullivan to Jno G Sutton Co. Aug. 4, '13

Aug. 16, 1913—N BROADWAY 65 W Broderick W 60xN 137-6. Samuel H Boardman to Stockholm & Allyn

Aug. 12, 1913
 Aug. 16, 1913—SW GUERRERO & 28th 26x70. Geo A and Edith K Maslahinich to Geo V McCashland

Aug. 15, 1913
 Aug. 16, 1913—SE LONDON 275 SW Excelsior Ave SW 25x100. Edward C and Marguerite Froeschle to whom it may concern. Aug. 15, 1913

Aug. 16, 1913—S SUTTER 62-6 E Hyde E 25xS 87-6. D M Richards Realty Co to John G Sutton Co. Aug. 7; General Eng Co. Aug. 12; J B Relte. Aug. 8, 1913

Aug. 18, 1913—N VALLEJO, 99 W Laguna, W 106xN 137-6. Mrs. Alma Spreckels to E. K. Pearson. Aug. 4, 1913

Aug. 18, 1913—N 4TH AND JESSIE, NE 81-9xNW 155. Investors' Realty Co. to Ward & Goodwin. Aug. 16, 1913

Aug. 18, 1913—SE ELLIS AND JONES 55 on EllisxS7-6 on Jones. The Board Realty Co. to Brandt & Stevens. Aug. 14, 1913

Aug. 18, 1913—NW KING, 220-9 SW 2nd, SW 120xNW 130. Warehouse Investment Co. to Anderson & Rainey. Aug. 9, 1913

Aug. 18, 1913—N AMAZON AVE., 50-1 1/2 W London, W 50-1 1/2, N 100, E 50 S 100, more or less. Amedeo Maschio and Santo Bottini to Joseph Perasso and Gaetano Moreton. Aug. 15, 1913

Aug. 19, 1913—E 13TH AVE, 125 N "K" or Kirkham. John Bjorkman and Oscar Swanson to whom it may concern. Aug. 18, 1913

Aug. 19, 1913—N GEARY, 70 E 20th Ave., 120 N Geary, 25x120. J. C. Thomas to whom it may concern. Aug. 1, 1913.

Aug. 19, 1913—SE MARKET AND ECKER. Crocker Estate Co. to W. P. Fuller & Co. Aug. 15, 1913

Aug. 19, 1913—LOTS 240 and 241 Spring Valley Homestead Association, No. 107 Springdale St. Louis C. Fontanier to Jacques Narbe. Aug. 20, 1913—N BROADWAY, 68-9 W Webster, W 148-9xN 275. James L Flood to Clinton Fireproofing Co.

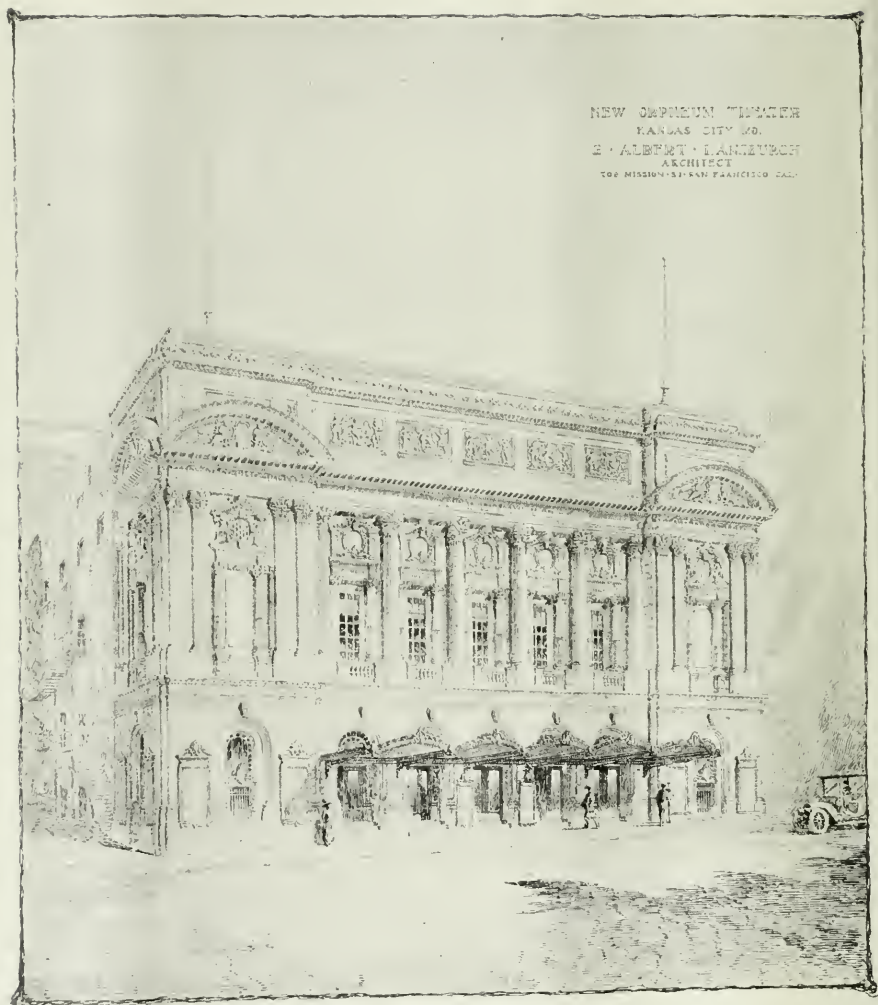
Aug. 18, 1913
 Aug. 20, 1913—N BROADWAY, 68-9 W Webster, W 148-9xN 275. James L Flood to Clinton Fireproofing Co.

Aug. 18, 1913
 Aug. 20, 1913—SE 19TH and Valencia, E 80xS 60, M B 67. Claude E. and Kenneth Gillis to whom it may concern. Aug. 18, 1913

Aug. 20, 1913—SW GRANT AVE, and Harlan Place. O. D. Baldwin to James Brennan, Aug. 16, 1913; and C. C. W. Haun. Aug. 16, 1913

Aug. 20, 1913—NE CORTLAND and Andover Aves., E 48-1 1/2, N 81-2, W 48, S 78-6 1/2, lots 208, 209, ptn 210, Gift Map 1. Emelle Tisne to Frank Schmidt. Aug. 16, 1913

Aug. 20, 1913—SE CALIFORNIA and Leidesdorff, fronting N on California and at rear end 107-6, extending on east and west sides 137-6. The Insurance Exchange, Inc., to



NEW ORPHEUM THEATRE
 Kansas City, Mo.

G. Albert Lansburgh, Architect
 San Francisco

SYNAGOGUE . . . FOR THE
 FIRST HEBREW CONGREGATION
 COR. 20th & W. 23rd STS.
 OAKLAND CAL.
 G. ALBERT LANSBURGH
 ARCHITECT S.F.



SYNAGOGUE FOR FIRST HEBREW CONGREGATION.
 Oakland, Cal.

G. Albert Lansburgh, Architect
 San Francisco



C. C. Morehouse.....Aug. 16, 1913
Aug. 20, 1913—LOT 1, block 29,
Crocker Amazon Tract, SE Munich
and Drake. Arthur G. Duncan to
L. L. Allen.....Aug. 20, 1913
Aug. 20, 1913—LOT 1, block 30,
Crocker Amazon Tract, SE Naples
and Munich. Arthur G. Duncan to
L. L. Allen.....Aug. 20, 1913
Aug. 20, 1913—SE MARKET and
Ecker. Crocker Estate Co. to Cal-
ifornia Construction Co. Aug. 19, 1913
Aug. 20, 1913—N GREEN, 164-6 W
Pierce, W 26-1½x N 127. Peter
Caubu to Henry Conrad. Aug. 12, 1913
Aug. 20, 1913—SE CALIFORNIA and
Leidesdorff, fronting on California
at rear end 107-6, extending on E
and W sides 137-6. The Insurance
Exchange, Inc., to Forderer Cor-
nicorne Works.....Aug. 16, 1913
Aug. 21, 1913—E TREAT AVE., 246
S 23rd St., S 40x E 122-6. Patrick
M. and Elizabeth McDonald to
whom it may concern. Aug. 16, 1913
Aug. 21, 1913—S 26TH, 105 E Noe, 30x
114. Ralph J. Button to whom it
may concern.....Aug. 21, 1913
Aug. 21, 1913—S WASHINGTON, 177-6
W Sansome, S 122x W 30-5. A.
Paladini to L. Cereghino & Son.....
Aug. 16, 1913
Aug. 21, 1913—W WORTH, 168 N
22nd, N 24x W 125. John Bjork-
man to whom it may concern.....
Aug. 19, 1913
Aug. 21, 1913—S CLARA, 300 E 6th,
E 25x80. David and W. Ida A.
Hiner to George V. McCausland.....
Aug. 15, 1913
Aug. 21, 1913—S FRANCISCO, 70 E
Grant Ave., E 30x S 122-6. F. De-
rini Matteucci and Vainmucci Co.
and E. Gianilastiani to A. De Ben-
edetti and G. Cuneo.....Aug. 20, 1913
Aug. 22, 1913—SE GEARY and Jones,
E 28-9x S 68-9. Isaac Mensior to
Vitt Electrical Co., Gulfvif Cor-
nicorne Works, H. A. Chalmers Co.,
Peterson-James Co., Camp & Car-
illon.....Aug. 22, 1913
Aug. 22, 1913—SE GEARY and Jones,
E 28-9x S 68-9. Isaac Mensior to
whom it may concern.....Aug. 22, 1913
Aug. 22, 1913—N ANZA, 107-6 E 23rd,
25x100. Albert Whitman to whom
it may concern.....Aug. 22, 1913

LIENS FILED.

San Francisco.

Aug. 15, 1913—NE GEARY and VAN
Ness Ave N 120xE 109. Standard
Portland Cement corp, \$240; Santa
Cruz Portland Cement, \$2641.74; C
Jorgensen & Co, \$91.25; Woods &
Huddert, \$2455; City Supply Co,
\$119.40 vs Chas L Tilden and Pe-
tersen-Rupp & Co.....
Aug. 15, 1913—NE GEARY and VAN
Ness Ave 109x120. S D Le Clair vs
Peterson & Rupp.....\$33.75
Aug. 15, 1913—NE GEARY & VAN
Ness Ave N 120xE 109. Levy Elec
Co vs Peterson-Rupp Co, Chas L
Tilden.....\$497.43
Aug. 15, 1913—NE GEARY & VAN
Ness Ave N 120xE 109. Western
Hydrated Lime Co vs Charles L
Tilden Co and Peterson & Rupp
Co.....\$85.96
Aug. 15, 1913—NE GEARY and VAN
Ness Ave N 120xE parallel with N
Geary 109. Santa Fe Lumber Co
vs Charles L Peterson and John Doe
Rupp (Peterson-Rupp & Co.) \$1053.50

Aug. 15, 1913—W EMBARCADERO
137-6 S Howard S 46-10xW 127-6.
Horace J Perazzi vs Theodore S
Hoin and Joseph Magner.....\$4871
Aug. 15, 1913—NE GEARY and VAN
Ness Ave W 120xE 109. W W Mon-
tagne & Co vs Peterson-Rupp & Co
and Chas L Tilden.....\$205
Aug. 16, 1913—W EMBARCADERO
(East) 137-6 S Howard S 45-10xW
137-6. Magner vs Theo S Hoin and
Joseph Magner.....\$427.88
Aug. 16, 1913—W EMBARCADERO
(East) 137-6 S Howard, S 45-10x
W 137-6. Globe Electric Works,
\$1,159; J. E. Connell, \$2,933 vs Jo-
seph Magner and Theo S. Hoin.....
Aug. 16, 1913—SW EMBARCADERO
(East) 137-6 SE Howard SE 45-10
xSW 137-6. Pope & Talbot, \$6816.58
H L Petersen, \$8122.53; Pacific
Mfg Co, \$1653.30 vs Joseph Magner
and Theo S Hoin.....
Aug. 18, 1913—W EMBARCADERO
(East) between Howard and Fol-
som. Malott, Peterson & Adams
vs. Joseph Magner.....\$600
Aug. 18, 1913—W EMBARCADERO,
137-6 S Howard, S 45-10xW 137-6.
Habenicht & Howlett vs. Joseph
Magner and Theo S. Hoin.....\$955.27
Aug. 19, 1913—N 16TH, 180 W Cas-
tro, N 134-5xW 40. A. Bin vs. Jos. M.
and Susanna Couture and J. S.
Ouirich.....\$122.45
Aug. 20, 1913—SW 6TH, 25 SE Mis-
sion, SE 60xSW 75. The Berger
Mfg. Co. vs. Edward H. Mitchell,
Bishop & Duarte.....\$424.82
Aug. 21, 1913—S JACKSON, 82-6 W
Jones, W 25x S 87-6. The Mission
Marble Works vs. A. Penziner and
Johnson & Hatland.....\$160
Aug. 21, 1913—NE POWHATTAN and
Banks, E 70xN 25. Redwood Man-
ufacturers Co. vs. Jos. C. Stroms-
wold.....\$48.60
Aug. 20, 1913—W 6TH, S Mission, S
60xW 75. National Mill and Lum-
ber Co., \$1067.70; Pacific Tank and
Pipe Co., \$1500; James H. Hardy,
\$1300.88; the Watson Mantel and
Tile Co., \$248.63 vs. Edward H.
Mitchell and Bishop and Duarte.....
Aug. 22, 1913—NW LISBON, 125 NE
Persia Ave., NE 25xNW 100. Co-
lumbia Lumber Co., \$142.39; A.
Seghieri & Bro., \$114.50; Eureka
Sash Door and Moulding Mills,
\$565.55 vs. Atlas Home Makers.....
Aug. 22, 1913—NW LISBON, 175 NE
Persia Ave., NE 25xNW 100; NW
Lisbon, 150 NE Persia Ave., NE
25xNW 100; NW Lisbon, 200 NE
Persia Ave., NE 25xNW 100; NW
Lisbon, 125 NE Persia Ave., NE 25x
NW 100. J. E. Ward vs. Atlas
Home Makers, Inc., and L. R.
French.....\$104.30
Aug. 22, 1913—NW LISBON, 125 NE
Persia, NE 25xNW 100; NW Lisbon
175 NE Persia, NE 25xNW 100; NW
Lisbon, 200 NE Persia, NE 25xNW
100; NW Lisbon, 150 NE Persia, NE
25xNW 100. Nelson Mfg. Co. vs.
Atlas Home Makers and Martin
Nihil.....\$320.51
Aug. 22, 1913—W LISBON, 125 N Per-
sia Ave., N 25xW 100; W Lisbon,
150 N Persia Ave., N 25xNW 100;
W Lisbon, 175 N Persia Ave., N 25x
W 100; W Lisbon, 200 N Persia
Ave., N 25xW 100. Elmer C. Nelson
and John Holmlund vs. Laurel
Sheet Metal Works vs. Atlas Home
Makers.....\$145
Morris Stulsaft Co. vs. Atlas Home
Makers, same except street is

spelled Lisbon.....\$385
Aug. 22, 1913—NW LISBON, 200 NE
Persia Ave., NE 25xNW 100. A.
Seghieri & Bro., \$114.50; Columbia
Lumber Co., \$451.94 vs. Atlas Home
Makers.....
Aug. 22, 1913—NW LISBON, 150 NE
Persia Ave., NE 25x NW 100. A.
Seghieri & Bros. \$114.50; Columbia
Lumber Co. \$534.43 vs. Atlas Home
Makers.....
Aug. 22, 1913—NW LISBON, 175 NE
Persia Ave., NE 25xNW 100. Co-
lumbia Lumber Co. \$410.65; A. Se-
ghieri & Bro. \$114.50 vs. Atlas
Home Makers.....
Aug. 22, 1913—W HAMILTON and
Silliman, NW 81xSW 50. The
Greater City Lumber Co. vs. Sam-
uel and Mollie Schweitzer.....\$349.45
Aug. 22, 1913—W LISBON, 125 N Per-
sia Ave., N 100xW 100. Basch Elec-
tric Company vs. Atlas Homemak-
ers Company.....\$76

NOTICE OF NON-RESPONSIBILITY.

Aug. 19, 1913—S POST, 30 W Laguna,
27-6x137-6. Nathalie A. Witt to as
to improvements on leased prop-
erty.

BUILDING OPERATIONS.

Private building activities through-
out the city from August 8th to Au-
gust 15th, inclusive, as reported by
the Bureau of Building Inspection of
the Board of Public Works, John P.
Horgan, Chief Building Inspector,
shows a total of nearly half a million
dollars.

Complete report as follows:

Class	No. of Bldgs.	Amount.
"C"	7	\$225,960.00
Frames	46	151,411.00
Alterations	61	59,937.00
Total	114	\$437,308.00

STATE BUYS HARBOR BONDS.

SACRAMENTO, Aug. 18.—The State
Board of Control bought \$500,000 of
San Francisco harbor bonds today.
This step was taken to save the State
\$50,000 in commission, or bonus, that
had been appropriated by the legisla-
ture to stimulate sale of low interest
bonds.

GEARY ROAD RECEIPTS.

Receipts of the Geary street road for
17 days of August were \$27,583.70, an
average of \$1,622.55 a day, which is an
increase over the daily average in July
of \$111.65.

NOTICE OF NON-RESPONSIBILITY.

Aug. 20, 1913—W BRODERICK, 68-9
N Jefferson, N 68-9xW 137-6. Lo-
renz and wife, Mary Nelson, to as to
improvements on leased property.
Aug. 20, 1913—S TONQUIN, 137-6 W
Broderick, W 50xS 137-6; Lorenz
and wife, Mary Nelson, to as to
improvements on leasee' property.

NOTICE OF NO-RESPONSIBILITY.

Aug. 22, 1913—S 1ST and Market,
SW 20xSE 80. Western Real Es-
tate Co. to as to improvements on
leased property.....

OAKLAND AND ALAMEDA COUNTY.

BUNGALOW—1½ story and base, frame, \$3,000. Oakland, Cal. Architect Frank M. May, 2145 Center street, Berkeley. Owner, G. H. Harding. The house has been designed to contain seven rooms, bath and sleeping porch and will be erected on the south side of Keith avenue. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$7,000. Piedmont, Alameda Co., Cal. Architects, United Home Builders 1762 Broadway, Oakland. Owner, Dr. Moyer. This dwelling will contain eight rooms, two baths and sleeping porch. One of the most beautiful home sites in Piedmont has been selected for the residence and construction will be undertaken at once. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and work will be done by Day Labor under the direction of the architects. All materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. H. C. Newman. The dwelling will be erected in Cragmont Park and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some white enamel and hardwood. Hardwood floors will be used in the living room, dining room, den and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and now out for figures.

BUNGALOW—1 story and base, frame, \$2,500. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, J. F. Chambers. The house will contain seven rooms and bath and will be erected at the southwest corner of 61st street and Colby avenue. Interior finish will be entirely of pine. Hardwood floors will be used in the two principal rooms. Plans provide for a large open fire place in the living room with tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BUNGALOW—1 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, William Dufour, 226 Santa Clara avenue, Alameda. Owner's

name withheld. The dwelling will be erected on Encinal avenue near Union street and has been designed to contain six rooms and bath. Interior will be finished with pine and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

BUNGALOWS—8, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Roger Coit, 1522 Broadway, Oakland. These houses will be erected at the corner of 52d and Shattuck avenue. Each has been designed to contain six rooms and bath. Interiors will be finished in pine with some redwood and elm panels. Hardwood floors will be used in the two principal rooms. All living rooms will have open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath, rustic and shingles. Plans are complete and in the hands of the owner, who is a well known Oakland builder, and will do the work by Day Labor. All materials are now being purchased.

WAREHOUSE—1 story, brick construction. Cost not stated. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, F. T. McHenry. The building will be erected at the corner of 19th street and Broadway and has been designed for a large commercial warehouse. Construction will be of the heavy mill type. No interior finish is specified. There will be metal window cash and frames and fireproof doors. Exterior of the building will be faced with stock brick. Plans are complete and in the hands of the owners who will shortly take figures for the general construction.

GARAGE ALTERATIONS—1 story frame. Cost not stated. Oakland, Cal. Architect, none. Owners, Myers and White. The present frame building at the corner of 25th street and Broadway will be altered into a modern commercial garage. Plans provide for a cement floor. Exterior of the building will be covered with cement plaster on metal lath. Considerable machinery will be purchased. Plans are complete and in the hands of the owners. Work is now out for figures.

LODGE HALL AND STORES—4 story and base, brick, steel and reinforced concrete, \$65,000. Oakland, Cal. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owners, I. O. O. F. Hall Association. This building has been mentioned here before when plans were first being prepared. The structure will be erected at the northwest corner of 11th and Franklin streets, covering a considerable ground area. There will be a number of stores on the first floor and offices and lodge rooms on the upper floors. Plans provide for steam heat and elevator service. Interior finish will be of pine and hardwood, with some marble wainscot. There will be a large open fire place with brick mantel. Stores will have plate glass display windows in patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being

taken. Bids are to be submitted on both the entire work and segregated contracts. Bids will be opened on September 1st.

FLATS—2 story and base, frame, \$5,000. Oakland, Cal. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owner, F. G. Troy. The building will be erected on 41st street near Broadway and has been designed to contain three and four room flats. Interior finish will be of pine with some elm panels and hardwood floors. There will be an open fire place in each of the living rooms. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

LODGE HALL—3 story and base, reinforced concrete, \$120,000. Berkeley, Alameda Co., Cal. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Berkeley Elks' Hall Association. Preliminary Plans only have been prepared for this work and details of construction are not available at this time. The organization has secured their site and as soon as all requirements of the building have been fully settled upon working drawings will be started and contracts let. Further mention will be made of the work in these columns.

HOTEL—7 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. The building has been mentioned in these columns before. Plans for the brick and carpentry work are now on the market for figures. There will be stores on the first floor and in the neighborhood of 110 guest rooms on the upper floors. Interior finish will be of pine throughout. Steam heat, elevators and a vacuum cleaning system will be installed. Exterior of the building will be faced with pressed brick.

RESIDENCE—2 story and base, frame, \$5,000. Alvarado, Alameda Co., Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, Mr. A. May. The dwelling has been designed for a country home and will contain in the neighborhood of eight rooms, baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile wainscot and tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, C. J. Pfirang, 5489 Claremont avenue, Oakland. The house will be erected on Kales avenue near College avenue and will contain seven rooms and bath. Interior finish will be largely of pine although some hardwood will be used in the living and dining rooms. There will be hardwood floors, brick or tile mantels and furnace heat. Open fire places will also be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans

are in the hands of the owner and the work will be done by Day Labor. All material is now being purchased.

BUNGALOW—1½ story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling has been designed for a seven room house with bath and sleeping porch and will be erected on Yolo street near Bonita avenue. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

CONVENT—2 story and base, frame, \$35,000. Berkeley, Alameda Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Joseph's Convent. The building has been arranged to contain a number of class rooms, studios and music rooms. Interior finish will be entirely of pine. There will be furnace heat. Exterior of the building will be covered with shiplap and sanded. Plans are complete and figures are now being taken.

SCHOOL—1 story, frame, \$12,500. Oakland, Cal. Architect, City Architect John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened for the construction of the Fruitvale School No. 3 show Tieslau Bros. low at \$12,935. Three other sets of figures were submitted for the work. A complete list of these bids will be found under the heading of Oakland and Alameda in this issue.

STORES AND OFFICES—12 story and base. Class A construction. \$250,000. Oakland, Cal. Architect, Benj. McDougall, Sheldon Bldg. S. F. Owners, J. F. Carleton and A. J. Snyder. The building will be erected at the gore corner of Broadway and Telegraph, covering a considerable ground area. There will be a number of stores on the first floor and a large number of modern offices on the upper floors. Offices will be arranged for occupancy either as single offices or en suite. Interior finish will be of hard wood, metal trim and tile and marble wainscot. Plans provide for steam heat, freight and passenger elevators, a vacuum cleaning system and mail chutes. There will be a complete steel frame and exterior walls of brick, faced with terra cotta and pressed brick. Metal window sash and frames are specified. Contractors for the foundation work and structural steel have been awarded. Segregated figures on all other parts of the work are now being taken.

STORES—1 story, frame, \$10,000. Piedmont, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Piedmont Church Association. The building will be erected on property closely adjoining the residential part of Piedmont and will be arranged for a number of stores. Interior finish will be of pine throughout. All stores will have large plate glass windows. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Bids Opened For Oakland School.

Four Bids Only Were Submitted for Construction of Fruitvale School No. 3—Tieslau Low.

Four sets of bids were received on Monday evening by the Oakland Board of Education for the construction of the frame school building known as Fruitvale School No. 3. Tieslau Bros. submitted the lowest figures at \$12,935. The following is a list of the figures received:

Fruitvale School No. 3.	
Tieslau Bros.	\$12,935
Alfred Olson	15,100
O. B. Ackerman & Son	14,339
C. Christensen	13,965

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Amt.
2435	Noble	Van Sant	4000
2436	Coast Mfg.	Rasmussen	4956
2437	Peacock	Peacock	2000
2438	Strang	Strang	2000
2439	Strang	Strang	2000
2440	Strang	Strang	2000
2442	Howell	Howell	500
2443	Carr	Larsen	400
2449	Gibson	Gibson	1600
2450	Pallen	Pallen	2500
2451	Orion Hall	Schrensen	400
2452	Holcomb	Van Horn	1310
2453	Hoffner	Hoffner	400
2454	Youngberg	Dingwell	500
2455	Nelson	Nelson	2000
2456	Bain	Flittner	1600
2457	Whitaker	Langberg	1575
2458	Huddleson	Huddleson	9000
2465	Mag. Land	Hyde	7000
2459	Trimlett	Trimlett	1600
2460	Davis	Davis	1560
2461	Broadwell	Broadwell	1800
2462	Skee	Skee	1890
2463	Hilbard	Harris	600
2466	Prefontaine	United	3000
2469	Whitaker	Jackson	1500
2470	Barrett	Lindsay	1800
2471	Liemer	Eber	500
2473	Everett	Everett	700
2474	Holcomb	Van Horn	1350
2476	Hoffman	Racuss	2700
2477	Worrall	Lewis	500
2478	Young	Young	2000
2479	Young	Young	2000
2480	Malley	Malley	2500
2481	Jungck	Weitzel	1000
2482	Settles	Settles	1600
2483	Pfrang	Pfrang	3000
2484	Pfrang	Pfrang	2500
2485	Blvd. Land	Rolf	450
2486	Genochio	Brown	400
2487	Pfrang	Pfrang	3000
2491	Crossley	Schnelly	1799
2492	Kinney	United	2000
2493	Kohler	Kohler	200
2494	Chapman	Chapman	2100
2495	Wieben	Wieben	1500
2496	Pfrang	Pfrang	2500
2497	Olinger	Olinger	400
2498	Sandelin	Hackman	1800
2499	Rogers	Rogers	550
2503	Mulvihill	Nelson	400
2510	Brugulere	Judson	17500
2511	Roller	Knight	200
2512	Randall	Anderson	2097

(2435) LOT 15, BLOCK H, GRAND Avenue Heights, NW corner Vermont and Weldon streets, Oakland. All work for two-story and basement dwelling.

Owner.....Susie Noble, Berkeley.
Architect.....Hutchinson Bros., 470 13th St., Oakland.

Contractor.....R. H. Van Sant, First National Bank Bldg., Okd.
Filed Aug. 18, '13. Dated Aug. 15, '13.

Frame up	4
Interior brown coated	4
Usual 35 days	4
TOTAL COST, \$1,000	

Wood, Surties, Forfeit, none Limit, 90 days. Plans and specifications filed.

(2436) PTN PLOT G OF SUBDIVISION of Rancho Las Positas, Murray township. All work for one-story dwelling.

Owner.....Coast Mfg. and Supply Co., 1022 66th Ave., Okd.

Architect.....None.
Contractor.....C. H. Rasmussen, Livermore.

Filed Aug. 18, '13. Dated Aug. 5, '13.

Foundation and excavation completed	4
Interior plaster completed	4
Completed and accepted	4
35 days after notice filed	4

TOTAL COST, \$4986

Bond, \$2493. Surties, Title Guaranty and Surety Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

(2437) S WENTWORTH AVE., 170 E 52nd St., Oakland. One-story, five-room dwelling.

Owner.....John Peacock, 2512 Chester St., Alameda.

Architect.....None.
Day's work.

COST, \$2000

(2438) N KIPLING AVE., 150 W Chestnut St., Oakland. One-story, five-room dwelling.

Owner.....F. N. Strang, 1319 Burbank St., Alameda.

Architect.....None.
Day's work.

COST, \$2000

(2439) E KIPLING AVE., 125 S Chestnut St., Oakland. One-story, five-room dwelling.

Owner.....F. N. Strang, 1319 Burbank St., Alameda.

Architect.....None.
Day's work.

COST, \$2000

(2440) S KIPLING AVE., 75 S Chestnut St., Oakland. One-story, five-room dwelling.

Owner.....F. N. Strang, 1319 Burbank St., Alameda.

Architect.....None.
Day's work.

COST, \$2000

(2442) 1243 76TH AVE., Oakland. Addition.

Owner.....L. E. Howell.
Architect.....None.

Day's work.

COST, \$500

(2443) 2249 E-14TH ST., Oakland. Alterations.

Owner.....W. H. Carr, 1617 5th Ave., Oakland.

Architect.....None.
Contractor.....R. K. Larsen, 3342 Elmwood Ave., Oakland.

COST, \$400

(2449) E CROSBY AVE., 100 S Harper St., Oakland. One-story, four-room dwelling.

Owner.....W. A. Gibson, 3736 Harper St., Oakland.

Architect.....None.
Day's work.

COST, \$1600

(2450) E LAWTON AVE., 403 N Clifton, Oakland. One-story, five-room dwelling.

Owner.....A. H. Pallen, 686 61st St., Oakland.

Architect.....None.
Day's work.

COST, \$2500

(2451) 1111 E-12TH ST., Oakland. Re-shingling.
Owner.....Orion Hall Association,
Premises.
Architect....None.
Contractor...R. Schrensen, 2517 Foot-
hill Blvd., Oakland.
COST, \$400

(2452) NO. 737 54TH ST., Oakland. All
work for one-story, three-room dwlg.
Owner.....W. E. Holcomb, 737 54th
St., Oakland.
Architect....None.
Contractor...W. A. Van Horn, 2020
Locksley Ave., Oakland.
Filed Aug. 19, '13. Dated Aug. 18, '13.
Frame up ¼
First coat plaster on ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$1310
Bond, Sureties, Forfeit, none. Limit,
40 days. No plans or specifications
filed.

(2453) W 76TH AVE., 197 S E-14th St.,
Oakland. One-story, two-room dwlg.
Owner.....R. Hoffner, 1269 76th Ave.,
Oakland.
Architect....None.
Day's work. COST, \$400

(2454) 251 PERRY ST., Oakland. Al-
terations.
Owner.....C. H. Youngberg, 251 Per-
ry St., Oakland.
Architect....None.
Contractor...J. F. Dingwell, 2021 West
St., Oakland.
COST, \$500

(2455) N 54TH ST., 88 E Market St.,
Oakland. Two-story, 5-room dwlg.
Owner.....E. W. Nelson, 945 52th St.,
Oakland.
Architect....None.
Day's work. COST, \$2000

(2456) SE COR. 96TH AVE and Birch
St., Oakland. One-story four-room
dwelling.
Owner.....R. B. Bain, 3418 E-14th St.,
Oakland.
Architect....None.
Contractor...Jos. Flittner, 1700 35th
Ave., Oakland.
COST \$1600

(2457) E 14TH AVE., 60 S Hopkins St.,
Oakland. One and one-half story,
six-room dwelling.
Owner.....P. E. Baird, 1715 Tele-
graph Ave., Oakland.
Architect....None.
Contractor...Lundberg & Courtright,
595 17th St., Oakland.
COST, \$1575

(2458) SE LINDA AND KINGSTON.
(Piedmont. Apartment house (6 3-
room apartments).)
Owner.....Gertrude Huddleson, 249
41st St., Oakland.
Architect....None.
Contractor...E. E. Huddleson, 249 41st
St., Oakland.
COST, \$9000

(2465) SESSON BASIN, Oakland. All
work for pile and timber wharf and
repairs to wharf.
Owner.....Magnette Dock and Land
Co.
Architect....None.
Contractor...Hyde, Harjes & Co., 110
Market St., S. F.
Filed Aug. 20, '13. Dated July 29, '13.

Piles in place\$1000
Completed and accepted 4250
Usual 35 days 1750
TOTAL COST, \$7000
Bond, \$3500. Sureties, Massachusetts
Bonding and Insurance Co. Forfeit,
limit, none. Plans and specifications
filed.

(2459) S 64TH AVE., 680 N E-14th St.,
Oakland. One-story, four-room dwlg.
Owner.....Robt. Trimlett, 1834 64th
avenue, Oakland.
Architect....None.
Day's work. COST, \$1600

(2460) N E-22ND ST., 60 W 11th Ave.,
Oakland. One-story, five-room dwlg.
Owner.....A. F. Davis, 461 E-28th
St., Oakland.
Architect....None.
Day's work. COST \$1560

(2461) W 19TH AVE., 76 N E-22nd St.,
Oakland. One-story, five-room dwlg.
Owner.....M. L. Broadwell, 2205 19th
Ave., Oakland.
Architect....None.
Day's work. COST, \$1800

(2462) E SUNSET AVE., 100 N Lynde,
Oakland. One-story, five-room dwlg.
Owner.....A. Y. Skee, 911 Tulare,
Berkeley.
Architect....None.
Day's work. COST, \$1800

(2463) NE E-16TH ST. and 28th Ave.,
Oakland. Repairs.
Owner.....Capt. J. N. Hilbard, Prem.
Architect....None.
Contractor...Harris & Hudson, 1957 E-
38th St., Oakland.
COST, \$600

(2466) S GARLAND AVE., 174 W
Walsworth Ave., Oakland. One-story,
six-room dwelling.
Owner.....C. H. Prefontaine, 1762
Broadway, Oakland.
Architect....None.
Contractor...United Home Builders,
1762 Broadway, Oakland.
COST, \$3000

(2469) S MARION AVE., Oakland.
One-story, five-room dwelling.
Owner.....May J. Whittaker, 440 E-
11th St., Oakland.
Architect....None.
Contractor...C. A. Jackson, 2913 Viola
St., Oakland.
COST, \$1500

(2470) E Elizabeth, 125 W Mabel Ave.,
Oakland. One-story, five-room dwlg.
Owner.....Mrs. L. Barrett, 381 Broad-
way, San Francisco.
Architect....None.
Contractor...W. L. Lindsay, 1244 Eliz-
abeth, Oakland.
COST, \$1800

(2471) N 12TH ST., 96 W Washington,
Oakland. Repairs.
Owner.....H. Liemer.
Architect....None.
Contractor...J. W. Eber, 852 32nd St.,
Oakland.
COST, \$500

(2472) NO 2715 19TH AVE., Oakland.
Alterations.
Owner.....E. T. Everett, Premises.
Architect....None.
Day's work. COST, \$700

(2471) NO. 737 54TH ST., Oakland.
One-story, three-room dwelling.
Owner.....W. E. Holcomb, 737 54th
St., Oakland.
Architect....None.
Contractor...W. A. Van Horn, 5420
Locksley Ave., Oakland.
COST, \$1250

(2476) NW COR. 15TH AND WASH-
INGTON, N 69.58, W 59.34, S 30.92, E
44.98, Oakland. All rough and finish
carpenter work, plaster work, glaz-
ing, millwork, etc., on 3rd, 4th, 5th
and 6th floors for six-story and base-
ment Class C office building.
Owner...Chas. L. Hoffman and Chas. J.
Heeseman, Oakland.
Architect...O'Brien & Werner, 68 Post,
San Francisco.
Contractor...Wm. J. Baccus, 721 Frank-
lin, Oakland.
Filed Aug. 20, '13. Dated Aug. 18, '13.
1st and 15th each month75%
35 days after completed and ac-
cepted25%
TOTAL COST, \$2700
Bond, \$1350. Sureties, Southwestern
Surety Insurance Co. Forfeit, \$20.
Limit, 37 days. Plans filed. No speci-
fications.

(2477) N QUIGLEY, 60 E 38th Ave.,
Oakland. One-story, two-room dwlg.
Owner.....Worrall, Oakland.
Architect....None.
Contractor...G. H. Lewis, 3756 Frank-
lin, Oakland.
COST, \$500

(2478) N 55TH ST., 232 E Grove, Oak-
land. One-story, six-room dwlg.
Owner.....James H. Young, 702 Al-
leen, Oakland.
Architect....None.
Day's work. COST, \$2000

(2479) N 55TH ST., 230 E Dover, Oak-
land. One-story, six-room dwelling.
Owner.....James H. Young, 702 Al-
leen, Oakland.
Architect....None.
Day's work. COST, \$2000

(2480) S APGAR, 300 E Grove, Oak-
land. One-story, six-room dwelling.
Owner.....F. T. Malley, 3001 Grove,
Oakland.
Architect....None.
Day's work. COST, \$2500

(2481) E COLLEGE, 280 N Derby.
Oakland. Alterations and addition.
Owner.....Addie D. Jungck, 3025
Dana, Berkeley.
Architect....None.
Contractor...John Weitzel, 1519 Grant,
Berkeley.
COST, \$1000

(2482) S WALNUT, 240 W Renwick,
Oakland. One-story, six-room dwlg.
Owner.....J. E. Settles, 1544 Broad-
way, Oakland.
Architect....None.
Day's work. COST, \$1600

(2483) E VALLA VISTA, 320 N Elm-
wood, Oakland. Two-story, six-
room dwelling.
Owner.....C. J. Pfang, 5487 Clare-
mont, Oakland.
Architect....None.
Day's work. COST, \$3000

(2484) NW CLAREMONT AVE. and
Miranda, Oakland. One-story, five-
room dwelling.

Wednesday, Aug. 27 1913.

Owner.....C. J. Pfanz, 5487 Claremont, Oakland.
 Architect....None.
 Day's work. COST, \$2500

(2185) N HOPKINS, opp end Liese Ave., Oakland. One-story, three-room dwelling.

Owner.....Boulevard Land Co., Hopkins St. and Liese Ave.
 Architect....None.
 Contractor..L. R. Rolf & Co., 3631 Brown Ave., Oakland.
 COST \$450

(2186) N 45TH ST., 75 W Grove, Oakland. Tank frame.

Owner.....Genochio.
 Architect....None.
 Contractor..J. R. Brown, 1903 12th Ave., Oakland.
 COST, \$400

(2187) N KALES AVE., 400 E College, Oakland. Two-story, six-room dwlg.

Owner.....C. J. Pfanz, 5487 Claremont, Oakland.
 Architect....None.
 Day's work. COST, \$3000

(2191) NO 1328-80 WASHINGTON St., Oakland. All work for altering and rebuilding store.

Owner.....Nat C. Crossley, 501 Chicago Ave., Oakland.
 Architect....C. W. Dickey, Central Bank Bldg., Oakland.
 Contractor..Schnebly, Hostrower & Pedgriff, 1st National Bank Bldg., Oakland.

Filed Aug. 22, '13. Dated Aug. 20, '13.
 Completed and accepted 75%
 Usual 35 days 25%
 TOTAL COST, \$1799.03
 Bond, Sureties, Forfeit, none. Limit,
 15 days after start on first floor Plans
 and specifications filed

(2192) SE 10TH AND WASHINGTON, Oakland. Alterations.

Owner.....R. W. Kinney, 9th and Franklin, Oakland.
 Architect....None.
 Contractor..United Home Builders, 1762 Broadway, Oakland.
 COST, \$500

(2193) E RANSOME AVE., 100 N Carlington, Oakland. One-story, five-room dwelling.

Owner.....Chas. Kohler, 2200 Peralta Ave., Oakland.
 Architect....None.
 Day's work. COST, \$2000

(2194) E WILLIAMS, 400 S Scott, Oakland. One-story, five-room dwlg.

Owner.....H. P. Chapman, 6152 Dover, Oakland.
 Architect....None.
 Day's work. COST, \$2100

(2195) S MERA, 100 W 40th Ave. Oakland. One-story, five-room dwlg.

Owner.....Alex. C. Wieben, 2010 38th Ave., Oakland.
 Architect....None.
 Day's work. COST, \$1500

(2196) NO. 487 11TH ST., Oakland. Alterations.

Owner.....F. W. Laufer, Premises.
 Architect....Erwin Schaefer, Bacon Bldg., Oakland.
 Contractor..J. A. Pinkham, 2353 Waverly, Oakland.
 COST, \$400

BUILDING AND INDUSTRIAL NEWS

(2197) NO. 1312 81ST AVE., Oakland. Addition.

Owner.....Mary Olinger, Premises.
 Architect....None.
 Contractor..F. N. Olinger, Premises.
 COST, \$100

(2398) E 51ST AVE., 150 N E-12th St., Oakland. One and one-half story six-room dwelling.

Owner.....F. Sandelin, 1220 51st Ave., Oakland.
 Architect....None.
 Contractor..J. Hackman, 1309 52nd Ave., Oakland.
 COST, \$1800

(2199) S ARLINGTON, 400 E Los Angeles, Oakland. One-story, four-room dwelling.

Owner.....S. F. Rogers, 1220 Blackstone, Oakland.
 Architect....None.
 Contractor..H. C. Rogers, 330 49th St., Oakland.
 COST, \$550

(2502) NO. 5518 TELEGRAPH, Oakland. Alterations.

Owner.....M. J. Muirvill, 518 53rd St., Oakland.
 Architect....None.
 Contractor..F. Nelson, 5247 Telegraph, Oakland.
 COST, \$400

(2510) NW COR 12TH AND GROVE Sts., 50x112, Oakland. All work for structural steel for six-story and basement brick and steel apartment house.

Owner.....The Bruguiere Co.
 Architect....Chas. W. McCall, Central Bank Bldg., Oakland.
 Contractor..Judson Mfg. Co., 819 Folsom, S. F.

Filed Aug. 22, '13. Dated Aug. 14, '13.
 Frame completed to 2nd floor level \$2150
 Frame completed to 4th floor level 2150
 Frame completed to 6th floor level 2150
 Completed and accepted 2150
 Usual 35 days 2900
 TOTAL COST, \$11,500

Bond, \$5750. Sureties, Paynes Bolt Works and John Finn Metal works.
 Bonus, \$10.00 a day. Forfeit, \$10.00 a day. Limit, 65 days. Plans and specifications filed.

(2511) WAVERLY ST., 150 W 23rd St., Oakland. All work for two-story six-room dwelling.

Owner.....Chas. Roller.
 Architect....None.
 Contractor..Harry C. Knight, 1725 Broadway, Oakland.
 Filed Aug. 22, '13. Dated Aug. 17, '13.
 Percentage job owner pays all bills.
 Bond, Sureties, Forfeit, Limit, none.
 Plans and specifications filed.

(2512) LOT 9 AND S 12 1/2, LOT 10, Blk C, map of subdivision of Head Twenty-third Ave., Tract, Oakland. All work for one-story, five-room dwelling.

Owner.....Albert Randall, 2215 Sunnyside Ave., Oakland.
 Architect....None.
 Contractor..A. F. Anderson, Oakland.
 Filed Aug. 23, '13. Dated Aug. 22, '13.
 Frame up \$548.50
 Brown coated \$48.50
 Completed and accepted \$600.00

Usual 35 days 300.00
 TOTAL COST, \$2097
 Bond, Sureties, none. Forfeit, \$1.00.
 Limit, 70 days. Plans and specifications filed.

Building Contracts Awarded Berkeley.

2144	Berkeley	Berkeley	500
2145	Marshall	Marshall	500
2146	Brothers	Laamanen	1400
2147	Peacock	Peacock	1000
2148	Fontaine	Blabon	2500
2149	Boch	Porter	400
2150	Morris	Spitler	3000
2151	Barber	Spitler	3000
2152	Patrick	Nelson	500
2153	Casciani	Bagnoli	2500
2154	Whiting	Betts	1350
2155	Clark	Gompertz	8000
2156	Peake	Johanson	2600
2157	Peake	Peake	3000
2158	Hiteman	Dwyer	1000
2159	Peake	Peake	3000
2160	John	Old, Bldg	2841

(2411) N ALSTON WAY, 100 E Shattuck Ave., Berkeley. Alterations.

Owner.....Board of Education.
 Architect....None.
 Day's work. COST, \$500

(2445) NW COR. TELEGRAPH and Bancroft, Berkeley. Alterations.

Owner.....J. A. Marshall, 2967 Avalon Ave., Berkeley.
 Architect....None.
 Day's work. COST, \$300

(2446) N BINSTOL, 250 E San Pablo, Berkeley. One-story, 5-room dwlg.

Owner.....Mrs. Lucy Brothers.
 Architect....None.
 Contractor..John Laamanen, 1032 Carlton St., Berkeley.
 COST, \$1400

(2447) E STAMAGE AVE., 275 N Gilman, Berkeley. One-story, three-room store.

Owner.....Mima Peacock, 842 Talbot Ave., Albany.
 Architect....None.
 Day's work. COST, \$1000

(2448) N POSEN AVE., 500 E Monterey Ave., Berkeley. One-story, six-room dwelling.

Owner.....E. B. Fontaine, Oregon and Grove, Berkeley.
 Architect....None.
 Contractor..C. M. Blabon Co., 162 Crescent St., Oakland.
 COST, \$2500

(2461) LOT 31, block 3, Northbrae, Berkeley. All work for second-story of dwelling.

Owner.....Henry Bosch, Jr., and Mrs. Edna Almira Bosch, Jr., 1326 Joephine, Berkeley.
 Architect....John Hudson Thomas, 1st National Bank Bldg., Berkeley.
 Contractor..Porter Bros., 1914 Vine, Berkeley.

Filed Aug. 20, '13. Dated Feb. 13, '12.
 Completed and accepted, deed to lot 11, block 3, Case Tract, Berkeley.

TOTAL COST, \$1000
 Bond, Sureties, Forfeit, none. Limit, 10 days. No plans and specifications filed.

(2467) E MILVIA, 280 S Hopkins, Berkeley. Two-story, six-room dwlg.

Owner.....M. I. F. Morris, 3016 Benvenue Ave., Berkeley.
 Architect....None.

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.

CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

Contractor...E. B. Spittler, 2154 Ashby Ave., Berkeley.

COST, \$3000

(2168) W LOS ANGELES AVE., 150 S Circle, Berkeley. Two-story, six-room dwelling.

Owner.....A. A. Barber, Hayward.
Architect...None.

Contractor...E. B. Spittler, 2154 Ashby Ave., Berkeley.

COST, \$3000

(2172) SW ROSE AND WEST, Berkeley. One-story planing mill.

Owner.....Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Berkeley.

Architect...None.
Day's work.....

COST, \$500

(2175) W 9TH ST., 242 N Snyder Ave., Berkeley. One-story, four room dwlg.

Owner.....G. Casiani, 731 5th St., Oakland.

Architect...A. Fraschina, 6 Imperial Ave., S. F.

Contractor...L. Bagnoli & Co., 731 5th St., Oakland.

COST, \$2500

(2188) E DOLLER, 110 N Russell, Berkeley. One-story, four room dwlg.

Owner.....Homes Whiting, 3069 Bateman, Berkeley.

Architect...None.
Contractor...Clarence Bett, 1536 Delaware Berkeley.

COST, \$1350

(2189) N 36, LOT 1, Claremont Manor, Berkeley. Two-story, eight-room dwelling

Owner.....W. A. Clark, Claremont Manor, Berkeley.

Architect...Albert Farr, 68 Post St., San Francisco.

Contractor...Charles W. Gompertz, 503 Market, San Francisco.

COST, \$8000

(2190) S WARD ST., 302.50 E Ellsworth St., E 37.50; S 134.50, Berkeley.

All work for one and one-half story six-room dwelling.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.

Architect...None.
Contractor...Gustaf Johanson, 1811 Rose, Berkeley.

Filed Aug. 22, '13. Dated Aug. 22, '13.

Frame up..... 14
Rough coat plaster on..... 14

Completed and notice filed..... 14
Usual 35 days..... 14

TOTAL COST, \$2600

Bond, \$1200. Sureties, Southwestern Surety Ins. Co., Forfeit, \$100. Limit, 65 days. Plans and specifications filed.

(2500) S YOLO AVE., 55.50 W Bonita Ave., Berkeley. One and one-half story six-room dwelling.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.

Architect...None.
Day's work.....

COST, \$3000

(2501) E CORNELIA, 320 N Gilman, Berkeley. One-story, four-room dwlg.

Owner.....E. J. Hiteman, 1215 Cornell Ave., Berkeley.

Architect...None.

Contractor...W. J. Dwyer, 1219 Kains Ave., Berkeley.

COST, \$1000

(2502) SW YOLO AND BONITA AVE., Berkeley. Two-story, six-room dwelling.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.

Architect...None.
Day's work.....

COST, \$3000

(2501) NO. 1927 PRINCE ST., Berkeley. All work for alterations and addition to two-story flat building.

Owner.....H. John, 1929 Prince St., Berkeley.

Architect...None.
Contractor...Oakland Building and Investment Co., Bacon Bldg., Oakland.

Filed Aug. 22, '13. Dated Aug. 18, '13.

Framed ready for plaster.....\$720.00
All plaster completed and 1st coat paint on..... 720.00

Completed and accepted..... 700.00
Usual 35 days..... 701.50

TOTAL COST, \$2844.50

Bond, Sureties, none. Forfeit, \$100. Limit, 90 days. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

2441 Camela.....Bradhoff 650

2505 Croll.....Aitchison 500

2506 Goldbaum.....Goldbaum 450

2507 Strang.....Strang 2000

2508 Muller.....Rolf 500

2509 Hillen.....Hillen 5000

(2441) 1014 VERSAILLES AVE., Alameda. Repair and underpin.

Owner.....J. Camacha, Premises.
Architect...None.

Contractor...C. C. Bradhoff, 6502 Market, Oakland.

COST, \$650

(2505) NO. 703 CENTRAL AVE., Alameda. Alterations.

Owner.....J. G. Croll, Premises.
Architect...None.

Contractor...Aitchison & Son, 624 Taylor Ave., Alameda.

COST, \$500

(2506) NO. 1311 PARK ST., Alameda. Brick candy room.

Owner.....Mrs. Julia Goldbaum, 2141 Santa Clara Ave., Ala.

Architect...None.
Day's work.....

COST, \$150

(2507) NO. 3217 FAIRVIEW, Alameda. One-story, five-room dwlg.

Owner.....F. N. Strang, 1330 Burbank, Alameda

Architect...None.
Day's work.....

COST, \$2000

(2508) NO. 1601 WEBSTER, Alameda. Addition

Owner.....M. A. Muller, Premises.
Architect...None.

Contractor...E. Rolf, 818 Lincoln Ave., Alameda.

COST, \$500

(2509) NO. 1506 FERNSIDE BLVD., Alameda. One-story dwelling.

Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.

Architect...None.
Day's work.....

COST, \$3000

Completion Notices.

ALAMEDA COUNTY.

RECORDED **ACCEPTED**
 Aug. 16, 1913—LOT 37 BLK 13 Northbrae, Bkly. C W Gandy to H H GastmanAug. 15, 1913
 Aug. 18, 1913—LOT 17, BLOCK 15, Northbrae, Berkeley. Patrick Nelson Building Co. to whom it may concernAug. 18, 1913
 Aug. 18, 1913—LOT 7, BLOCK 13, Northbrae, Berkeley. Patrick Nelson Building Co. to whom it may concernAug. 18, 1913
 Aug. 18, 1913—PORTION LOT 16, Block C of that portion Brumaquin Tract, lying W Shattuck Ave., Oakland township. Mrs. M. Brudlewsky to L. G. Geary.....Aug. 18, 1913
 Aug. 18, 1913—718 E 22ND ST., OAKLAND. Margaret Cosgrove to Wm. H. Davis & SonAug. 12, 1913
 Aug. 18, 1913—N CHANNING WAY, 100 E College Ave., N 101.5, E 50, Berkeley. Pi Beta Phi House Corporation to Van Sant-Houghton Co.Aug. 15, 1913
 Aug. 19, 1913—LOT 16, BLOCK 17, Northbrae, 50x100 E Ventura St. or Ave., 150 N Marin Ave., Berkeley. Howard P. Sheridan and D. E. Amann to whom it may concern.....Aug. 11, 1913
 Aug. 19, 1913—PORTION LOTS 13 and 14, Block 1, Map Berkeley Square, Berkeley. Mary I. Gastman to whom it may concern.....Aug. 9, 1913
 Aug. 19, 1913—Bounded by property of C. P. R. R. Co., Market St., Market St. extended, S. Castro St. extended S. and property of City of Oakland, Oakland. Pacific Gas & Electric Co. to Kaufman & EdwardsAug. 12, 1913
 Aug. 19, 1913—LOT 40, ELMWOOD PARK, Oakland. Horace Cochran to Alex. C. Wiehen.....Aug. 12, 1913
 Aug. 19, 1913—37 LINCOLN AVE., Piedmont. Nelson A. Howard to C. M. MacGregorAug. 15, 1913
 Aug. 19, 1913—LOT 11, BLOCK 12, Broadmoor, San Leandro. H. J. Clare to Edwin C. Graff.....Aug. 12, 1913
 Aug. 19, 1913—N FAIR OAKS AVE., 300 E Caroline St., E 46.93, N 100, Alameda. O. P. McFeron to whom it may concernAug. 19, 1913
 Aug. 19, 1913—W TELEGRAPH AVE., 100 S 16th St., S 130, NW 103.94, SW 102.44, N 130, NE 90, NW 5.72, NE 112.89, SE 74, SW 100, SE 100, Oakland. Kahn Realty Co. to Simonds Machinery Co.; Aug. 5, 1913; Robert Dalziel, Jr., Aug. 13, 1913; Robert Dalziel, Jr., Aug. 13, 1913; Maxwell Hardware Co., Aug. 13, 1913; Robert Dalziel, Jr., Aug. 13, 1913
 Aug. 20, 1913—E SUNNYSIDE AVE., Portion lots 2 and 23, block C, amended map Fairview Tract, Oakland Township. Western Union Home Builders to W. B. Roberts.....Aug. 18, 1913
 Aug. 20, 1913—SW COR. 3RD ST. and University Ave., Berkeley, 200x73. S. P. Co. to Jones & McGovern.....Aug. 16, 1913
 Aug. 20, 1913—LOT G, block 8, map re-ubidivision blocks 5, 6, 7, and 8, Northbrae Tract No. 1, Berkeley. L. S. Lewis to whom it may concernAug. 10, 1913

Aug. 20, 1913—W GROVE ST. and S In Land Pac. Gas and Elec. Co., N 100, W 125, S to said lands, E to pt beginning, Oakland. Pacific Gas and Electric Co. to Kaufman & EdwardsAug. 15, 1913
 Aug. 20, 1913—LOT 22, block 4, North Cragmont, Berkeley. Lindel M. Hoskins to Porter Bros., Aug. 15, 1913
 Aug. 21, 1913—W TELEGRAPH AVE., 100 S 16th St., S 130, NW 103.95, SW 102.44, N 130, NE 90, NW 5.72, NE 112.89, SE 74, SW 100, SE 100, Oakland. Kahn Realty Co. to American Marble and Mosaic Co., Aug. 18, 1913; Roehling Construction Co., Aug. 18, 1913; H. Maundrell.....Aug. 19, 1913
 Aug. 21, 1913—S 63RD ST., 103.94 E Racine, E 45, S 100, Oakland. W. S. Young to whom it may concernAug. 20, 1913

LIENS FILED.

ALAMEDA COUNTY.

Aug. 16, 1913—S DWIGHT WAY 9' 120 E Ellsworth E 60.5xS 134.5, Bkly. Pacific Mfg Co vs Elizabeth Gooding Witter\$337.83
 Aug. 18, 1913—S 50 LOTS I, J AND K, Block 11, Map town of San Leandro, San Leandro. San Leandro Realty and R. M. Rolland.....\$141.95
 Aug. 20, 1913—S DWIGHT WAY, 120 E Ellsworth E 60.5xS 134.5, Berkeley. Morris Stulsaft Co. vs. Elizabeth Gooding Witter and George S. Perkins\$259.69

SAN JOSE & SANTA CLARA CLARA VALLEY.

CITY HALL—2 story and base, brick and steel. Cost not stated. Burlingame. San Mateo Co., Cal. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, City of Burlingame. This building has been mentioned here before when the architect was first commissioned to prepare plans. The building will cover a considerable ground area. Provision has been made in the plans for housing all of the city officials, fire and police departments and for a large council chamber. There will be steam heat and a fireproof vault. Interior finish will be of pine and hardwood with some hardwood floors. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are now being called. Bids will be opened on September 2nd. Plans can be secured from the architect or from the City Clerk. An official proposal appears under the heading of Official Advertising in this issue.

BUNGALOW—1 story and base frame, \$1,200. San Jose, Santa Clara Co., Cal. Architect, none. Owner, F. Sanfilippo, 1298 Orchard street, San Jose. The house will contain five rooms and bath. Interior finish will be of pine and redwood. There will be an open fire place in the living room with the mantel. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and work will be done by Dan Labor

Contracts Awarded.

RESIDENCE—2 story and base, reinforced concrete and steel. Cost not stated. Burlingame, San Mateo Co.,

Cal. Architects, Howard and White, Lick Bldg., S. F. Owner, Charles Frederick. Contractor, John MacBain, Redwood City. Contract price not stated. Note—It is reported that this house will cost in the neighborhood of \$150,000.

Building Contracts.

SANTA CLARA COUNTY.

NO. 1298 ORCHARD ST., San Jose. Five-room cottage. Owner.....F. Sanfilippo, Premises. Architect.....None. Day's work. COST, \$1200

E SIDE OF 16TH ST., between Empire and Washington Sts., San Jose. Four-room cottage.

Owner.....Walter H. Ratz, 53 N 9th, San Jose.

Architect.....None. Contractor.....S. G. Pelton, 445 S 3rd, San Jose.

COST, \$1700

NO. 171 N 8TH, San Jose. Repairs on residence.

Owner.....L. Sepulvia, Premises.

Architect.....None.

Contractor.....L. A. McDaniels, Santa Clara.

COST, \$500

NEAR PARK AVE., on Locust St., San Jose, Cal. All work for two-story frame building.

Owner.....W. H. Culligan, San Jose.

Architect.....C. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor.....P. T. Jorgensen, 517 W San Carlos, San Jose.

Filed Aug. 21, '13. Dated Aug. 19, '13. House moved and frame up. \$1794.75
 First coat of plaster on 1794.75
 Building is completed 1794.75
 Usual 35 days 1794.75

TOTAL COST, \$1719

Bond, \$3600. Sureties, F. Figel and F. W. Welmer, San Jose, Cal. Forfeit, none. Limit, 100 days. Plans and specifications filed.

IN THE O'CONNOR SANITARIUM GROUNDS, San Jose. All work for two-story frame, plastered building.

Owner.....Mrs. A. M. O'Connor, Race, San Jose.

Architect.....L. T. Lenzen, 110 So. Second, San Jose.

Contractor.....J. H. Miller, San Jose.

Filed Aug. 16, '13. Dated Aug. 15, '13.

Frame up and roof boards on\$3390.50

Roof and porches all com-

plete, windows in, doors

hung, inside plaster all

finished, outside one coat..... 3390.50

Building is completed 3390.50

Usual 35 days 3390.50

TOTAL COST, \$13,570

Bond, \$6785. Sureties, T. B. and A. L. Hubbard, San Jose, Cal. Forfeit, none.

Limit, 100 days. Plans and specifications filed.

EMORY & CHESTNUT STS., San Jose. All work for garage.

Owner.....AS-ociated Oil Co, 115 N First St., San Jose.

Engineer.....A. F. L. Bell Co., 115 N First St., San Jose.

Contractor.....J. C. Thorpe, Smoot Bldg., Bldg., San Jose.

Filed Aug. 15, '13. Dated Aug. 4, '13.

For labor performed and mate-

rial bought the 10th of each month75%
33 days after acceptance25%
TOTAL COST, \$1020
Bond, \$550. Sureties, Fidelity and Deposit Co. of Maryland. Forfeit, Limit, none. Plans and specifications filed.

FREMONT between Lafayette & Harrison, Santa Clara. All work for six-room bungalow.
Owner.....Mrs. M. Corpstein, Santa Clara.

Architect.....C. W. Koenig, Santa Clara.
Contractor.....J. Warren, Santa Clara.
Filed Aug. 20, '13. Dated Aug. 19, '13.
Rafters up, sheathing on.....\$174.25
Inside brown coated474.25
Building is completed948.50
TOTAL COST, \$1597
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

Building Contracts.

SAN MATEO COUNTY.

MENLO PARK. Pointing and cleaning down of brick south wing addition.
Owner.....Academy of the Sacred Heart.
Architect.....Chas. J. I. Devlin, Pacific Bldg., S. F.
Contractor.....D. J. Byron, Lick Bldg., San Francisco.
Filed Aug. 11, '13. Dated Aug. 7, '13.
Entire work is completed\$375
Usual 35 days125
TOTAL COST, \$500
Bond, \$250. Sureties, D. O. Druffel and G. C. Singletary. Forfeit, \$25. Limit, 20 working days after notification. Plans and specifications filed.

BRICK WORK, STONE WORK, ETC., South Wing addition and West Wing on above.

Contractor.....D. J. Byron, Lick Bldg., San Francisco.
Filed Aug. 14, '13. Dated Aug. 7, '13.
Payments to be made in installments as the work progresses on the 1st and 15th of each month of
75%\$18,117.75
Usual 35 days6,039.25
TOTAL COST, \$24,157
Bond, \$12,100. Sureties, D. O. Druffel and G. L. Singletary. Forfeit, \$25. Limit, 75 days after completion of steel frame. Plans and specifications filed.

E 1/2 LOT 13 & E 1/2 LOT 14, BLK 24, Easton add to Burlingame No. 2. Four room bungalow and fence.
Owner.....Charles H. McVey and Adelle McVey.

Architect.....Charles H. McVey.
Contractor.....W. C. Barrick Building Co., Inc.
Filed Aug. 12, '13. Dated Aug. 9, '13.
Wall up\$785
First coat of plaster on785
Completed and accepted785
Usual 35 days785
TOTAL COST, \$3140
Bond, Sureties, Forfeit, none. Limit, 90 days after filing. Plans and specifications filed.

SAN PEDRO SCHOOL DISTRICT. All work necessary to completion of public school.
Owner.....Trustees San Pedro School District.

Architect.....J. W. Dulliver, Royal Insurance Bldg., S. F.

Contractor.....H. H. Smith.
Filed Aug. 13, '13. Dated Aug. 12, '13.
Roof rafters all on\$1481.60
Rough plaster on1481.60
Building is completed1481.60
Usual 35 days1481.60
TOTAL COST, \$5926.40
Bond, \$3000. Sureties, James Cullen and W. J. Savage. Forfeit, none. Limit, 90 days after filing. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

Aug. 21, 1913—LOT NO. 9, Block No. 7, Burlingame Map No. 2. Samuel McClure to whom it may concernAug. 16, 1913
Aug. 21, 1913—ATHERTON. Clara H. Heller to Donnelly & WalshAug. 19, 1913
Aug. 20, 1913—HILLSBOROUGH. J. D. Grant to J. H. Keefe Co.Aug. 15, 1913
Aug. 19, 1913—LOT 18, Block 19, Resub of Dingee Park. L. E. Mullen Donnelly & WallerAug. 12, 1913
Aug. 19, 1913—WOODSIDE. Elise A. Drexler to F. H. BoringAug. 18, 1913
Aug. 13, 1913—LOT 13, Block 8, Crocker Estate Tract. Arthur G. Duncan to L. L. AllenAug. 12, 1913
Aug. 8, 1913—LOTS 16 and 37, block 1, Crocker Estate Tract, sub No. 1, Otto Brause and Louisa Brause (wf) to William F. DryerAug. 1, 1913
Aug. 7, 1913—ONE MILE FROM Menlo Park. James L. Flood to Harry B. Mooney & SonsAug. 1, 1913

COMPLETION NOTICES.

SAN MATEO COUNTY.

Aug. 13, 1913—BURLINGAME. J. D. Grant to Thomas W. AltonAug. 7, 1913
Aug. 13, 1913—COUNTY ROAD nr 2d Ave., San Mateo. St. Matthews Red Cross Hospital to C. J. Hillard Co.Aug. 7, 1913
Aug. 13, 1913—BURLINGAME. J. D. Grant to Thos. W. AltonAug. 7, 1913
Aug. 12, 1913—DIVISION ST., So. Pacific Right of Way and San Bruno road. Enterprise Foundry Co. to F. K. Peel Co.Aug. 8, 1913
Aug. 11, 1913—PORTION OF BURLINGAME. Known as 1320.28 acre tract. Ansell M. Easton to Fred LefflerAug. 9, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES

JAIL. 1 story and base, reinforced concrete. Cost not stated. Santa Rosa, Sonoma Co., Cal. Architect, J. W. Dulliver, Royal Insurance Bldg., S. F. Owners, City of Santa Rosa. Preliminary plans for this building have been prepared by the architect and approved by the City Council. There will be a cement floor, pine trim and a central heating system. A number of steel cages will be installed. Exterior of the building will be faced with cement plaster. Bids will be called for shortly.

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Aug. 18, 1913—LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, block 91, City of Richmond.	
Ed. M. Maloney vs Pacific Carbon Manufacturing Co.	\$213.05
Aug. 18, 1913—LOTS 36 and 37, block 58, City of Richmond.	
R. L. Grunhagers vs. Mary S. Bedwell, J. M. Perrin and A. Perrin.	\$106.30

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

Aug. 18, 1913—LOT IN TOWN OF RODEO. Four-room brick school. Rodeo School District to Geo. W. BostonAug. 6, 1913
Aug. 18, 1913—LOT 19, block 75, City of Richmond. Mrs. E. Ricca to Shelhorse & ScollardAug. 16, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

LIBRARY—1 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. The building has been mentioned in these columns before when plans were first started. Bids will be opened on August 27th. A complete list of these figures will appear in the next issue of the Building and Industrial News.

RESIDENCE—2 story and base, frame. \$12,000. Lindsay, Tulare Co., Cal. Architect, J. Carl Thayer, Fresno. Owner, Mrs. George Gibson. The dwelling will contain 14 rooms, baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. Plans provide for a central heating system, probably furnace heat, and open fire places. Mantels will be of brick and tile. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SCHOOL—2 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. This building will be erected at the corner of 18th and A streets and has been designed to contain nine standard sized class rooms and an auditorium. Plans have been completed and approved by the Board of Education. Interior will be finished in pine with maple floors. There will be steam heat and a modern system of ventilation. Plans include program clocks and vacuum cleaning system. Exterior of the building will be faced with pressed brick. Bids are now being taken and will be opened by the Board of Education on September 2nd.

BRIDGE—Concrete and frame. Cost not stated. Big Sandy Creek, Fresno Co., Cal. Engineer, County Engineer, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the Board of Supervisors for a concrete and wooden bridge

over the Big Sandy Creek. Bids are now being taken for the construction and will be opened on September 2nd. Plans and specifications can be secured from the County Engineer or from County Clerk B. M. Barnwell, Fresno.

CHURCH—1 story and base, reinforced concrete, \$20,000. Fresno, Fresno Co., Cal. Architect's name not given. Owners, Gregorian Catholic Church. Plans for a new church edifice which will be erected at the corner of Ventura and M streets have been accepted. Construction will be of the reinforced concrete type throughout. Further particulars will be given in the next issue of the Building and Industrial News.

Contracts Awarded.

BRIDGE—Steel and concrete. Cost not stated. Visalia, Tulare Co., Cal. Engineers, Engineering Department Santa Fe R. R. Co., L. A. Owners, Santa Fe Railway Co. Contractors Shattuck-Effinger Const. Co., L. A. Contract price not stated.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

Contracts Awarded.

SEPTIC TANK—reinforced concrete, \$3,557.60. Chico, Butte Co., Cal. Engineer, City Engineer, Chico. Owners, City of Chico. Contractor, E. F. Graessler, Chico. Contract price, \$3,557.60. A complete list of the bids opened for this work appears under the heading of Sacramento, Stockton and Northern California in this issue.

Bids For Septic Tank.

Chico Trustees Opened Bids for Septic Tank and Award Contract to E. F. Graessler, Chico.

Bids were opened on August 19th by the City Trustees of Chico for the construction of a Septic Tank at the Sewer Farm. Three bids were received, the lowest figures being submitted by E. F. Graessler of Chico at \$3,557.60. Plans for the work were prepared by the City Engineer. The complete list of bidders follows:

Septic Tank, Chico.

George W. Martin & Son, Sacramento	\$5,200.00
Chico Constr. Co.	4,417.00
E. F. Graessler, Chico	3,557.60

A contract for the work has been awarded to E. F. Graessler

Building Contracts.

SACRAMENTO COUNTY.

LOTS 7 AND 8, BLK L, Highland Park, Sacramento. Erect building.
Owner.....Wet Wash Laundry, 2515 24th, Sacramento.
Architect....None.
Contractor..Harry Wygart, 1222 "I", Sacramento.

COST, \$3900

MILLS. Carpentry, etc., on building. (4 rooms and bath.)
Owner.....Geo. F. McDonnell.
Architect....None.
Contractor..G. E. Harvie, 2212 "T," Sacramento.

Filed Aug. 19, '13 Dated Aug. 11, '13.
COST, \$1725

H. G. GOETHE SUBD M, Sacramento. Carpentry, etc., for building (four rooms and bath.)
Owner.....Mrs. Teckla Holstrom.
Architect....None.
Contractor..G. E. Harvie, 2212 "T," Sacramento.

Filed Aug. 19, '13. Dated Aug. 17, '13.
COST, \$1750

LOT 37, GOLF TERRACE, Sacramento. Erect dwelling.
Owner.....F. Gabrielli, 37th and "J," Sacramento.
Architect....None.
Contractor..C. Boothroyd, 32nd and "K," Sacramento.

COST, \$600

S ½ OF N ½ OF LOT 8, N, O, 27th and 28th Sts., Sacramento. Erect dwlg.
Owner.....J. G. Houston, 2705 O, Sacramento.
Architect....None.
Day's work.

COST, \$2000

LOT 617, W and K Tract, Sacramento. Erect dwelling.
Owner.....A. Tognoth, 2709 H, Sacramento.
Architect....None.
Day's work.

COST, \$400

W ½ OF LOT 7, F, G, 30th and 31st Sts., Sacramento. Erect dwelling.
Owner.....Mrs. E. R. Anater, 3011 G, Sacramento.
Architect....None.
Contractor..W. R. Saunders.

COST, \$2300

S ¼ OF LOT 1, G, H, 19th and 20th Sts., Sacramento. Alter building.
Owner.....Mrs. Mabel Merrill.
Architect....None.
Contractor..J. Doty, Courtland.

COST, \$350

LOT 66, DEWEY PLACE, Sacramento. Erect dwelling.
Owner.....H. A. Langley, 1317 18th, Sacramento.
Architect....None.
Day's work.

COST, \$1500

NEAR BRIGHTON on Largomarsino Tract, Sacramento. Erect residence.
Owner.....L. Largomarsino, East side.
Architect....None.
Day's work.

COST, \$2000

LOT 1, N, O, 12th and 13th Sts., Sacramento. Alter building.
Owner.....J. W. Demmellan, 1204 N, Sacramento.
Architect....None.
Contractor..F. McKenzie, 1126 T, Sacramento.

COST, \$300

LOT 23, SUNSET ADD, Sacramento. Erect dwelling.
Owner.....D. Lamorne, 4219 Stanford Ave, Sacramento.
Architect....None.
Day's work.

COST, \$1800

S ½ OF N ½ OF LOT 5, J-K, 27TH and 28th, Sacramento. Alter Bldg.
Owner.....J. B. Wright, 421½ J, Sacramento.
Architect....None.
Contractor..H. A. Hendren, 2915 I St., Sacramento.

COST, \$2400

LOT 20, BLOCK M, OAK GROVE TCT., Sacramento. Erect Building.

Owner.....J. A. Filceer, 3020 4th, Sacramento.
Architect....None.
Contractor..R. H. Rieter, 2715 2nd Ave., Sacramento.

COST, \$2000

N 35 FT, LOTS 15 AND 16, BLOCK 44, Oak Park, Sacramento. Dwelling.
Owner.....W. T. Foster, Oak Park, Sacramento.
Architect....None.
Contractor..C. E. Mendenhall, 2720 41st St., Sacramento.

COST, \$1350

LOTS 1, 3 & 4, B, C, 10TH & 11TH, Sacramento. Erect two buildings.
Owner.....McGivray Constr. Co., 1007 7th, Sacramento.
Architect....None.
Day's work.

COST, \$11,500

N ½ LOT 8, D, E, 11TH & 12TH, Sacramento. Alterations to building.
Owner.....Geo. Bryte, 411 11th St., Sacramento.
Architect....None.
Contractor..J. Pausback, 1025 25th St., Sacramento.

COST, \$1000

LOT 312, W. & R. TRACT 14, Sacramento. Erect dwelling.
Owner.....L. L. Campbell and R. B. Plate, 48 Stanley Avenue, Sacramento.
Architect....None.
Day's work.

COST, \$1000

LOT 29, URBAN COURT, Sacramento. Erect dwelling.
Owner.....F. Ferris E. Ruhe, 2527 L, Sacramento.
Architect....None.
Contractor..H. M. Earle, 3028 Magnolia Ave., Sacramento.

COST, \$1500

Building Contracts.

SAN JOAQUIN COUNTY

LOT 11, Blk 5, East, Stockton. Construct three-story addition to four-story building.
Owner.....Fitzgerald Bros., 222 E Channel, Stockton.
Architect....None.
Day's work.

COST, \$24,000

LOT 3, BLK 62, East, Stockton. Erect frame building.
Owner.....Mrs. Goodman, Budd House, Stockton.
Architect....None.
Day's work.

COST, \$2000

LOT 14, BLK 122, S M C, Stockton. Erect frame building.
Owner.....Charles W. Frey, 714 E Clay, Stockton.
Architect....None.
Day's work.

COST, \$1750

LOTS 9 & 11, BLK 118, S M C, Stockton. Erect frame building.
Owner.....Volunteers of America.
Architect....None.
Day's work.

COST, \$2000

LAFAYETTE between American and Stanislaus, Stockton. Erect brick building.
Owner.....B. Hamonitt.
Architect....None.
Day's work.

COST, \$4000

LOT 9, BLK 32, S. M. Stockton. Erect one-story frame building.
Owner.....Chester Belknap, 1021 S Hunter, Stockton.
Architect.....None.
Day's work. COST, \$1800

LOT 14, BLK 211, Stockton. Corrugated iron building (foundry.)
Owner.....Stockton Iron Works, Lindsay and Harison, Stockton.
Architect.....Owner.
Day's work. COST, \$4000

LOT 5, BLK 145, East, Stockton. Remodel frame building.
Owner.....Mrs. Louisa Ries, 1214 E Sonora St., Stockton.
Architect.....None.
Day's work. COST, \$700

LOT 15, BLK 136, East, Stockton. Addition and repairs to frame building.
Owner.....A. J. Rothenbush, 1025 N California, Stockton.
Architect.....None.
Day's work. COST, \$500

LOT 7, BLK "A," E, Stockton. Erect corrugated iron building.
Owner.....Ellis Tower, 229 W Floral, Stockton.
Architect.....None.
Day's work. COST, \$500

LOT 12, BLK 71, East, Stockton. Remodel brick building.
Owner.....Jacob Simon, 129 W Oak, Stockton.
Architect.....Walter King, Elks' Bldg., Stockton.
Day's work. COST, \$5000

LOTS 9 & 11, BLK 3, W, Stockton. Erect frame building.
Owner.....Eugene Goodwin, 336 E Rose, Stockton.
Architect.....Wm. Thomas, San Joaquin Bldg., Stockton.
Contractor.....Robert Powell, Sacramento and Lindsay, Stockton.
COST, \$3000

LOT 1, BLK 48, E, Stockton. Erect frame building.
Owner.....Mrs. M. A. Murphy, 305 N Eldorado, Stockton.
Architect.....None.
Day's work. COST, \$100

CORNER SAN JOAQUIN & TAYLOR, Stockton. Remodel frame building.
Owner.....B. Waldemier, 15 Flora, Stockton.
Architect.....None.
Day's work. COST, \$1000

Building Contracts.

SAN JOAQUIN COUNTY.

S ½ OF LOTS 9 AND 11 IN BLOCK 3, Survey No. 2999, Stockton. All work for a two-story residence.
Owner.....E. T. Goodrum.
Architect.....Wm. B. Thomas, 79 San Joaquin Bldg., Stockton.
Contractor.....Robert Powell, Sacramento and Lindsay, Stockton.
Filed Aug. 12, '13. Dated Aug. 11, '13.
Roof on complete\$802 25
Plastering is complete802 25
Building is complete802 25
25 days after completion and accepted802 25
TOTAL COST, \$3209 00

Bond, Sureties, Forfeit, none. Limit, 70 days. Plans and specifications filed.

SEVEN AND ONE-HALF MILES NE OF Stockton. All work for a one-story frame dwelling.
Owner.....A. E. Mapes, 53 Flora, Stockton
Architect.....Ralph P. Morrell, 1. O. O. F. Bldg., Stockton.
Contractor.....V. Bray, Stockton.
Filed Aug. 14, '13. Dated Aug. 11, '13.
All interior woodwork is done. \$528
Completed and accepted528
TOTAL COST, \$1056
Bond, \$578. Sureties, William J. Scott and F. Brandt. Forfeit, none. Limit, 60 working days. Plans and specifications filed.

Release of Liens.

SACRAMENTO COUNTY.

Aug. 19, 1913—S ¼ OF LOT 5, R. S. 14th and 15th Sts., Sacramento. Clark & Henery Concrete Co. to R. N. Ferrell\$88.80
Aug. 19, 1913—N ½ OF LOTS 5 and 6, R. S. 14th and 15th, Sacramento. Clark & Henery Concrete Co. to Mrs. E. Ferrell\$59.20
Aug. 19, 1913—S ¼ OF LOT 5, R. S. 14th and 15th Sts., Sacramento. Clark & Henery Concrete Co. to R. N. Ferrell\$375

LOS ANGELES AND SOUTH-CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick and steel, \$10,000. Los Angeles. Architect, L. L. Jones, 1. W. Hellman Bldg., L. A. Owner, C. W. Howard. The building will be erected on Pico street, having a frontage of 45 feet and a depth of 125 feet. Interior has been arranged to contain 65 rooms which will be divided into two and three room suites. All apartments will have private bath rooms and wall beds. Interior finish will be of pine with cement floors in the bath rooms and tile wainscot. Plans provide for steam heat, elevator service and a vacuum cleaning system. Marble and tile will be used in the entrance and vestibule. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITAL—4 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Garrett and Ferrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson and will cover an area of 11x60 feet. Plans are so arranged that two additional wings, each four stories in height and 15x137 feet, may be added later. Construction will be fireproof throughout with reinforced concrete floors, hollow tile interior partitions and concrete roof slabs. Interior finish will be of pine and white enamel. Tile will be used in the bath rooms and operating rooms. Plans provide for steam heat, two elevators, cumb waiters, hot and cold water supply and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Elsen and Son, Wil-

cox Bldg., L. A. Owner, Roy Blumenthal. This building is to be erected at the southwest corner of 3rd and Figueroa streets covering an area of 50x70 feet. There will be two stores besides the hotel lobby and offices on the first floor. Upper floors will be subdivided into 45 guest rooms and a number of baths. Interior finish will be of pine and elm panels. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Stores will have plate glass display windows in patent store fronts. Plans are complete and figures are being taken.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, 1. W. Hellman Bldg., L. A. Owner, D. F. Hill. The building will be erected at the corner of 6th and Wall streets and will cover an area of 79x120 feet. There will be four stores on the first floor, the hotel lobby and office. Upper floors will contain a total of 120 guest rooms and a number of baths. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water system. Interior finish will be largely of pine. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and now out for figures.

SCHOOL—2 story and base, reinforced concrete, \$75,000. Santa Paula, Ventura Co., Cal. Architects, Allison and Allison, Hilberian Bldg., L. A. Owners, Santa Paula School District. The building has been designed for a High School and will cover a considerable ground area. Plans provide for domestic science and manual training departments in addition to a number of class rooms and a large auditorium. The structure is so designed that additions can be readily made in the future. Interior will be finished in pine with maple floors. There will be a central heating system, program clock and a vacuum cleaning system. Exterior will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

CHURCH—1 story and base, frame, \$22,000. Los Angeles, Cal. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Boyle Heights Christian Church. The building will be erected at the corner of Second and Breed streets and will cover an area of 60x120 feet. Besides the main auditorium, which will have a seating capacity of 600 people, plans provide for 13 class rooms. Interior finish will be of pine with maple floors. There will be a plenum system of heating. Art glass windows are specified. Exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures will be called for early in September.

LIBRARY—1 story and base, brick, \$10,000. Watts, Los Angeles Co., Cal. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owners, Town of Watts. The building will be designed in the classic style and will cover an area of 70x30 feet. Plans provide for one large reading room, librarian's office and stack room. Metal shelves will be specified. Interior fin-

ish will be of pine with some hardwood. Maple floors will be used. A central heating system, probably furnace heat, will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, Class C Construction, \$40,000. Los Angeles, Cal. Architect, C. E. Borton. Hibernian Bldg., L. A. Owner V. Y. Robertson. Contractors, C. E. Borton Co., Hibernian Bldg., L. A. Contract price, \$40,000.

APARTMENT HOUSE—3 story and base, frame, \$36,000. Los Angeles, Cal. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner R. P. Smith. Contractors, Main Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$36,000.

CHURCH—1 story and base, brick and steel, \$80,000. Long Beach, Los Angeles Co., Cal. Architect, H. M. Patterson. O. T. Johnson, Bldg., L. A. Owners, Long Beach Congregational Church, Contractor, J. C. Beer. Long Beach, and Kling Co., Union League Bldg., L. A. Contract price, \$80,000. Note—the building will cover an area of 100x150 feet.

RESIDENCE—1 story and base, frame and concrete, \$55,000. Hollywood, Los Angeles Co., Cal. Architect, Walter Webber, Ferguson Bldg., L. A. Owner, Adolph Bernheimer, New York. Contractor, E. D. Tyler, Pasadena, carpentry work only. All other parts of the work will be sublet. Plans are complete and figures are being taken.

OFFICES—2 story and base, reinforced concrete, \$27,741. Riverside, Riverside Co., Cal. Architects, Kysor and Biggar, Wright and Callender Bldg., L. A. Owners, Riverside Abstract Co. Contractors, Cresmer Manufacturing Co., Riverside. Contract price, \$27,741.

SEATTLE AND WASHINGTON.

Contracts Awarded.

RESIDENCE—2 story and base, terra cotta and concrete, \$100,000. Seattle, Wash. Architects, Cutter and Malmgren, Spokane. Owner, C. D. Stimpson. Contractors, Johnson Bros., 1315 Thackeray Place, Seattle. Contract price, \$100,000. Note—Subfigures are now being taken on all parts of the work.

STORES AND OFFICES—7 story and base, reinforced concrete, \$100,000. Seattle, Wash. Architects, Saunders and Lawton, Alaska Bldg., Seattle. Owner, A. Hambach. The building will cover an area of 80x118 feet. Construction will be fireproof throughout. Several stores will occupy the first floor and upper floors will be subdivided into a large number of offices. Plans provide for steam heat, two elevators, hollow tile interior partitions and some metal trim. Metal window sash and frames will be used. Vacuum cleaning system and mail chutes will be installed. Exterior of the building will be faced with terra cotta. Marble and tile wainscot will also be used in the halls. Plans are complete and figures are now being taken. Segregated contracts will be let.

BRIDGE—Steel and concrete, \$25,000. Nesika, Wash. Engineers, Bowerman and McCloy, Mutual Life Bldg., Seattle. Owners, Lewis County. The bridge is to be erected over the Cowlitz river and

will consist of a steel span 280 feet long with abutments. Plans are now being prepared and bids will shortly be called for by the State Highway Commission. Full particulars can be secured from the engineers.

HOTEL—3 or 4 story and base, reinforced concrete, \$100,000. Alki Point, Wash. Architects, Behb and Mendel, Denny Bldg., Seattle. Owner, Ferdinand Schmitz. Construction will not be started before early in the spring and the site has not been fully determined. Construction will be fireproof with reinforced concrete walls, floor and roof slabs. Interior partitions will be of metal lath and plaster. Interior finish will be of pine with some hardwood veneer. There will be steam heat, elevator service and a vacuum cleaning system. Hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

PORTLAND AND OREGON.

WAREHOUSE—2 story and base, brick. Cost not stated. Portland, Ore. Architects, Emil Schacht and Sons, Commonwealth Bldg., Portland. Owners, D. P. Thompson Estate. The building will be erected on the East Side and will cover an area of 100x200 feet. Construction will be of the heavy mill type. There will be elevator service, spiral chutes and an automatic sprinkler system. Metal window sash and frames and fireproof doors are also specified. No interior finish will be used. Exterior of the building will be faced with stock brick. Plans are now being prepared.

BANK—2 story and base, reinforced concrete. Cost not stated. Bandon, Ore. Architect, Benj. Ostlund, First National Bank Bldg., Bandon. Owners, First National Bank of Bandon. This work has been mentioned here before when plans were first started. Working drawings have been completed and show a building the first floor of which is to be devoted to the exclusive use of the bank. Upper floor will be subdivided into modern offices. Interior finish will be of pine and hardwood with some marble, ornamental plaster and bronze. Coin and safe deposit vaults will be installed. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on September 1st.

STORES—1 story and base, brick. Cost not stated. Portland, Ore. Architects, MacNaughton and Raymond, Concord Bldg., Portland. Owners, Gile Investment Co. The building will be erected at the corner of West Park and Oak streets, containing five large stores. Interior finish will be of pine with some hardwood. There will be a cement floor and a central heating system. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

CHURCH—2 story and base, frame, \$15,437. Roseburg, Ore. Architects, Tourtelotte and Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church of Roseburg. Contractor, H. O. Koeppe, 482 15th street, Port-

land. Contract price, \$15,437.

WAREHOUSE—2 story and base, brick, \$40,000. Portland, Ore. Architect, Aaron Gould, Worcester Bldg., Portland. Owners, National Cold Storage Co. Contractors, Bingham and McClelland, Lumbermen's Bldg., Portland. Contract price, \$40,000.

BREWERY ADDITION—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, Joseph Jacobberger, Portland. Owner, Gambrinus Brewery Co. Contractors, The Freiberg Const. Co., Oregonian Bldg., Portland. Contract price not stated.

LODGE HALL—3 story and base, brick and steel. Cost not stated. McMinnville, Ore. Architect, C. C. Robins, Aln worth Bldg., Portland. Owners, McMinnville Mc-monic Hall Association. Contractor, Robert Shelley, Gerlinger Bldg., Portland. Contract price not stated.

WAREHOUSE—2 story and base, reinforced concrete, \$60,000. Portland, Ore. Architects, Emil Schacht and Sons, Commonwealth Bldg., Portland. Owners, Star Sand Co. Contractors, Harley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$60,000.

GYMNASIUM—2 story and base, frame. Cost not stated. Portland, Ore. Architects, Doyle and Patterson, Worcester Bldg., Portland. Owners, Reed College. Contractor, John Almeter, Builders' Exchange Bldg., Portland. Contract price not stated.

Protecting The Edge Of Concrete Curb.

By George Nelson, C. E.

The attractiveness of a well improved and well kept street is always manifest in the better class of buildings, both residential and business, that line such a street in those of our towns that are awake to the fact that improvements pay big dividends.

A well-built and well-kept concrete curb is an essential to the good looks of a street as anything else, and too much care cannot be taken in the selection of the aggregates and in the choice of protective measures to keep the curb from deteriorating either by inside inherent fault or outside aggressive agencies.

The early types of curb made out of pine or redwood are rapidly being discarded and their place is being taken by either concrete or granite. Granite is supposed to be the strongest and was found particular favor in cities where the stonecutters' union is strong, but its price is so high that it more than counterbalances its advantages, which, indeed, are few, and as applied to residence street absolutely none.

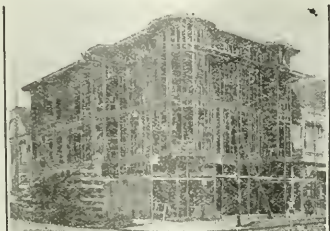
The concrete curb has always—as ordinarily built—lacked strength at certain points. On the curved returns at street intersections it will, owing to the grading action of the wheels of vehicles, abrade greatly, and in many instances entirely wear out.

The upper rounded edge is particularly open to attack, and is usually battered up badly before the curb is even finished. Wagons backing up against the curb to unload are the

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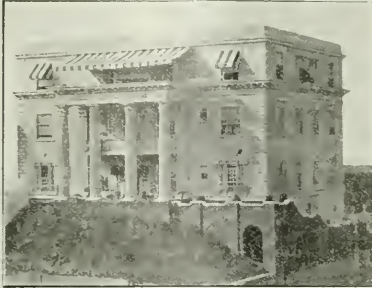
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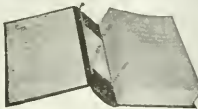


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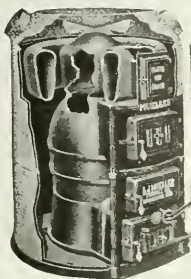
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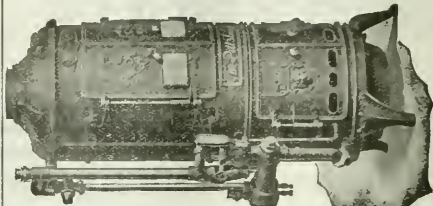
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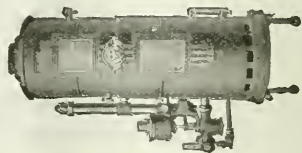
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Star Con. Co.
Wright C., J. H.
Granite Curbing.
Graham Granite Co.
Leed Granite Co.
W.
Pacific Granite Co.
Placer Granite Co.
Gravel.
Bay Devel. Co.
Cal. Building Ma-
terial Co.
Grandard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
**Hardwood Den-
tlers.**
Inland Floor Co.
Hardwood Inter-
ior Lumber Co.,
E. K.
Hdware, Hlrs.
Baker & Hamil-
ton
Bennett Bros.
Brittain & Co.

Joost Bros.
Marshall - Newell
Supply Co.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hdware Co.
S. E. Hdware Co.
Smith Co., P. A.
Hay & Grain
Altinger, E.
Heating & Vent-
ilating.
Abilbich & Mayer
Atlas Heating &
Ventilating Co.
General Eng. Co.
Kiernan & O'Brien
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Co.
Fred W.
Turner Co., The
**Houses Movers &
Rainers.**
Hatch, H. L.
Pearson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.
Inland Floors.
Calif. Parquet
Floor Co.
Hardwood Inter-
ior Floor Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.
Iron Foundry.
Enterprise Found-
ry
Steiger & Kerr,
Stove & Found-
ry Co.
Iron & Steel.
Baker & Hamil-
ton
Dawson & Noyes
Ludson Mfg. Co.
Woods & Huddart
Iron Works.
Art Metal Works
Brode Iron Wks.
Dyer Bros.
Euler Wire &
Iron Wks.
Folsom St. Iron
Works.
Glasser & Kloores
Golden Gate Iron
Works
Hillard Co., C. J.
Mitchel & Pfeiffer
Monarch Iron
Works
North Star Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron Wks
Steiger & Kerr
Stove & Found-
ry Co.
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.
**Joist Hangers &
Post Caps.**
Kortick - Falls
Co., J. G.
Lilly & Thurst-
on Co.
Roman Co., C.
Waterhouse &
Price Co.
Western Bldrs.
Supply Co.
**Lathes, Wood &
Metl.**
Edwards, C. H.
Hayden, Fred
Lynch, Richard
MacBee, E. T.
Ragland, Wm. H.
Ward, J. E.
Lime & Plaster
Deniers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.

**Quality Lime pro-
ducts Co.**
Western Lime &
Cement Co.
Lumber Deniers.
Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hart-Ved Lum-
ber Co.
Hauptman Lum-
ber Co.
Krusse Co., J. H.
Hooper Lumber Co.
Higgins Lumber
Co., J. E.
Loop Lumber Co.
MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson & Mahony
Lumber Co.
Pope & Talbot
Reinhart Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Sala Pex Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros. & Co.
Woods & Hud-
dard
Wood Lumber Co.,
E. K.
Yates, Wm. F.
**Magnesian Floor-
ing.**
Artolith Mfg. Co.
Bender R.&P. Co.
Dwan & Co., J. E.
Fibre Stone &
Roofing Co.
Flaherty R.&P. Co.
R. H.
Goodman, A. K.
Makitt & Peter-
son
Tiernan & Bero-
nino
Watsonite Co.
**Mantels, Tiles &
Grates.**
Ginsberg Bros.
Hulse Tile Co.
Kishan & Dono-
van
Mangrum & Otter
Peerless Agencies
Thompson, J. W.
Watson Mantel &
Tile Co.
**Marble and Mosale
Works.**
Gnecco, M. H.
Grassl & Co., P.
Mission Concrete
& Mosale Wks.
Mission Marble
Works.
Musto Sons-Ken-
nan
New Era Marble
& Concrete Co.
Vermont Marble
Co.
Metl. Lath.
Atlantic Fire-
proofing Co.
Berger Mfg. Co.
Lilly & Thurston
Co.
Roehling Constr.
Co.
Waterhouse &
Price
Western Builders'
Supply Co.
Metl. Roofing.
S. F. Metal Stamp-
ing & Corr. Co.
Oils and Greases.
Standard Oil Co.
Grand Central Plas-
terng.
Blinner, Theodore
Larson, O. F.
Lind & Co., J. P.
**Paints and Deco-
rators.**
Baker Co., W. T.
Barnstein, Wm.
Blum Louis
Burns Bros.
Clark & Dickson
Cooksey
Cramer Bros.

Dahl, T. H.
Donovan, V. J.
Erickson, Wm.
Flynn & Mikkel-
son.
Hansen, Elbing A.
Jourdain, Al.
Lewis, S.
Miller, J. A.
Miller, J. A.
Mushab, James
Manning, John
Neal, L. J.
Quandt & Son
Ruderman, J.
Schafer, Wm.
Smith, J. S.
Sovig, C. B.
Storheim &
Schroeder
Spark & Sons,
John H.
Swanson, Peter
The Globe Paint-
ers.
Walker, Mayer
Wagner, Fred
Wagner Bros.
Zelinski, R. C.
**Paints, Oils Var-
ishes, Etc.**
Clark & Dickson
Cohn & Co., Mar-
tin D.
Detroit Graphite
Co.
Fuller Co., W. P.
O'Brien & Co.
Paraffine Paint Co.
Pratt & Lambert
Whittier - Coburn
Co.
Paint, Chimneys
Clawson Co., L. E.
Dresser - McDon-
Hughes, H. J.
Dumeyrie & Gotti-
g.
Pile Driving.
Lamburth, C. E.
Planing Mills.
Anderson Bros.
Birth Co., L. H.
Builders' Supply
Depot
Cal. Door Co.
Cal. Planing Mill.
Empire Planing
Mill
Hennann, A. B.
Herring's Mill
Holden - Deuprey
Co.
Lord & Mill Co.,
J. P.
Main St. Planing
Moore Mill & Lum-
ber Co.
Pac. Coast Mill &
Lumber Co.
Premus Planing
Mill
Reinhart Lumber
& Planing Mill
San Mateo Plao-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Talbott & Co.
Usona Mfg. Co.
Western Planing
Mill
Wedge & Collins
Yates, Wm. F.
Plasterers.
Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas. J.
Campbell, Chas.
Cashman, M. J.
Chimera, H. A.
(Inc.)
Glosser, G. W.
Glosser & Kaiser
Gross, J.
Fay, John
Greenback, Joe
Connell Co., J. E.
Daly, J. T.
Dunlich, Chas.
Fraser, Simon
Fry, A.
Glimmer, W. G.
Hobson, N.
Knowles, A.
Leaf & Kaiser
MacGregor & Co.
MacDonald
Orford, J. A.
Pillblin, J. J.
Sexton, T. D.
Trenovaya, M. J.
The Pacific Plas-

tering Co.
Wagner, James A.
**Plumbing and Gas
Fitting.**
Abilbich & Mayer
Alton, Thom. W.
Bosch Bros.
Bernard, Geo. F.
Condon & Band
Connor, E. J.
Empire Plumbing
Co.
Kara, F. E.
Kiernan & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
May, Gus
McEnhill.
McLeod, J. J.
Penkerton, J. H.
Peradell, H. R.
Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Tippett, J. C.
Turner Co., The
Wetzel, Theo.
Plumbers, Pipes
Mark-Lally Co.
Nelson Mfg. Co.
**Railroad Vent-
ilators & Pas-
senger.**
Kent, James B.
Railway Materials
Langford, Felts &
Myers.
Orenstein - Ar-
thur Koppel Co.
Real Estate.
Ludwig, J. C.
Rigging.
Lamburth, C. E.
Markley, James E.
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Composition.**
Adams Roofing Co.
B. F.
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Canley & Co., J.
Enterprise Roof-
ing Co.
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Roofing Co.**
Flaherty R. H.
Goodman, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lovett Bros.
Malott, Peterson
& Adams
Parry & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thiberts Roofing
Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.
**Roofing (Slate &
Tile).**
Graham, R. G.
White, Ed. A.
Roofing Materials.
Johns - Manville
Co., J. P.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.
Sand, Gravel, Etc.
Bay Devel. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. &
A. L.
Western Building
terial Co.
Western Develop-
ment Syndicate

**Sanitary Garbage
Chutes.**
Bill & Jacobsen
Sand Blasting.
McDermott, W.
Sheet Metal Wks.
Appl. Cornice
Atlas Heating &
Ventilating Wks
Bardwell Cornice
Works
Capitol Sheet
Metal Works
Comyns & Nyren
Cornice
Works
Fordeier Cornice
Works
G. A. Sheet
Metal Works.
Guilfoyle Cornice
Hibernia Sheet
Metal Works
Heupner Sheet
Metal Works
Hughes, H. J.
Hurabelle Bros.
Ideal Cornice Wks.
Korell & Co., J. A.
Modern Sheet Met-
al Works.
Morrison & Co.
S. F. Metal Stamp-
ing & Corr. Co.
United Metal
Products Co.
Western Furnace
& Cornice Co.
Sidewalk Lights.
Berger Mfg. Co.
Dwan & Co., J. E.
McGulgan & Co.,
John
Phoenix Sidewalk
Co.
Waterhouse &
Price
Steel Bars.
Baker & Hamil-
ton
Dawson & Noyes
Woods & Hud-
dard
Steel Erector.
Williams Con-
struction Co.
**Stenography and
Typewriting.**
Waterson, Elliott
Store Fronts
Kawneer Mfg. Co.
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Price
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Supply Co.
**Structural Steel
Contractors.**
Judson Mfg. Co.
Schraeder's Iron
Works
Western Iron Sup-
ply Co.
Woods & Huddart
Steel Contractor,
Conhlan & El-
liott.
Stoves.
Mangrum & Otter
Steiger & Kerr
Co.
**Structural Steel
Contractors.**
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron
Works
San Francisco
Iron Works
Ralston Iron Wks
Schauer, Fred C.
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Morser, E. V.
Sanborn & Corin-
son
**Teaming & Grad-
ing.**
Brantick, J. P.
Button, L. V.
Devencenzi & Co.,
L.
Dillon Teaming
Co.
Gallen & Carlin
Hartnett, J. D.
Holland, J. E.
Lennon Co., J. E.
Leffler, Fred

Peerless Agency
Co.
Thos.
Watson Manti-
Vacuum
Bill & Jacob
Sherman, Kimball
Co.
Wall Beds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works.

Whitewashing
Brickley, P. J.
Reigle & Jamelson
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Glass and Glazing
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cohledick Glass
Co., L. N.
Fuller, W. F. &
Co.
Habenicht & Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)
**Grading & Team-
ing.**
Church, D. O., Co.
Dillon, D.
Pay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLennan, S. R.

S. F. Lime Co.
Raymond, W. H.
Curbing, Grout.
McLennan, S. B.
Door Openers.
Rischmuller, Geo.
Electrical.
California Electric
Co. Works.
Central Electric
Co.
City Electric Co.
Decker Electric Co.
Globe Electric Co.
Hanbridge, W. S.
Levy Elec. Co.
National Elec. Co.
Otis Elevator Co.
Van Emon Elevator
Co

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BUILDERS' EXCHANGE
OF SAN FRANCISCO
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Vice-President, Richard Herring.
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Secretary, R. J. H. Forbes
Financial Secretary, S. A. D. Schenck
Ass't Secretary, W. J. Carberry
Doorkeeper, E. R. Wolcott

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R. J. H. Forbes J. J. Phillips
R. A. Chisholm
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Richard Herring

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Architectural Iron Works
Acme Iron Works.
Bay City Iron Works.
Brode Iron Works
Central Iron Wks.
Dyer Bros.
Eureka Iron Wks
Kortick - Falls
Lafg Co.
G. G. Structural
Iron Works.
Hillard, C. J. Co.
Judson Mfg. Co.
Mortenson Cons.
Co.
Michaels & Pfefer
"Phoenix Iron Wks"
"Phoenix Iron Wks"
"Schneider"
St. Francis Orn.
Iron Works
Helger & Kerr
Stove & Foundry Co.
Julien Iron Wks.
Western Iron Wks
Withington, C. W.
Art Glass
Cal. Art Glass Co.
Ingerson & Glaser
Co.
Blacksmith.
Paul Kleiber
American Bond-
ing Co.
Costello & Cutler
Aetna Life Ins. Co.
Boole, F. W.
Empire State Sur-
vivors Co.
Fidelity & Deposit
Co. of Maryland
"M. M. A."
Hillman & Son, J. R.
Landon, A. F.
Lloyd & Spengler
National Society
Pacific Coast Sas-
uallty Co.
Pacific Surety Co.
United States
Metal Products Co.
United States
Fidelity and
Guaranty Co.
Brick and Pottery.
Bay Development
Co.
Carey, J. E.
Carnegie Brick &
Pottery Co.
Carquinez Brick &
Pottery Co.
McNear Brick Co.
F. E.
Peterson - Karts-
choke Brick Co.
Remillard Brk. Co.
Sacramento
Trans. Co.
San Fran. Brk. Co.
San Jose Brick Co.
Steiger T. C. and
Pottery Wks.
G. G. Brick Co.
Oakland Paving
Brick Co.
Building Material.
California Build-
ing Material Co.
City Supply Co.
Kortick - Falls
Mfg Co.
Holland, J. P.
J. E. Lennon
Johns-Manville Co.
Levy & Co., Robt.
Lilly & Thurston
Co.
Pacific Refining &
Roofing Co.
Parrott & Co.
Paraffine Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co.
Waterhouse &
Price Co.
Western Bldg's
Supply Co.
Western Building
Material Co.
Fernald Co., The
Building Paper
Bovd & Moore
Lilly & Thurston
Co.
Cement Dealers
Balfour, Guthrie
Co.
Cowell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. J.
Maynard, Jr., L. L.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Material Co.
Standard Portland
Cement Co.
Chase, Silas A.
Camp & Carllion.
Dumay, Har-
rison Co.
Foster & Vogt.
Goodman Artifi-
cial Stone Co.
Haun, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
Leonard, J. P.
Pasqualetti, J.
Stanquist & Tay-
lor.
Zimmerman, L. M.
**Concrete Rein-
forcement.**
Lilly & Thurston
Co.
**Contractors &
Builders.**
Allen, Alex. M.
Anderson, W. W.
Arthur, L.
Bateman, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
Broughton Bros.
Burdick, Vm. A.
Caldwell & Co.
Cameron & Dis-
son.
Cavanaugh & Ve-
zina.
Chisholm, R. A.
Cobb, J. W.
Concannon, W. N.
Conrad, H.
Creghino & Son.
Days' Sons, T. H.
Dewar, R. & Son.
Elam, Thos. & Son
Elliot, E. W.
Fahy, B.
Fischer, Fred.
Franz, Val.
Frost, T. P.
Gillespie, G. G.
Gallagher, Frank
Gardiser, Florent.
Greig, Robt.
Hansbrough Bros.
Healey - Tibbitts
Hinson, L. A.
Hill, J. A.
Holm & Son.
Howkins, A.
Hovt Bros.
Hutchinson, C. A.
Jacks, H.
Jones, W. G.
Kent, S. H.
Knowles & Reich-
ley.
Lang & Bergstrom
Leiter, E. T. &
Sons.
Lynch, M. C.
Lynch, P. J.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J.
McKillohan, R and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, B. T.
Penny, Isaac.
McLeran & Peter
son.
Robertson, J. M.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn.
Terrill, G. C.
Walker Bros. Co.
Warwick, H. C.
Waller, Thos.
White Bros. (car-
penters)
Carpenter Works
Amster, C. S.
Bergner Mfg. Co.
Capitol Sheet Mt-
Works.
Comyns & Child-
ers
Conlin, J.
Cronan, Wm.
Forrester, Cornie-
Works.
Gulfovy, Cornie
Works
Appman, Cornie-
Works.
Heidt, W. Sley
Morrison & Clark
S. F. Cornie Co.
Western Furnace
& Cornie Wks.
**Contracting
Lather.**
Lynch, Richard
Schneely, H. S.
Grainger & Piel-
griff
Kuykendall, J. S.
Malley, Edward.
Peacock, John
Van Sant-Hough-
ton Co.
Glass and Glazing
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cohledick Glass
Co., L. N.
Fuller, W. F. &
Co.
Habenicht & Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)
**Grading & Team-
ing.**
Church, D. O., Co.
Dillon, D.
Pay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLennan, S. R.
Granite.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons,
C. L.
Hunt, A. T.
Raymond Granite
Co.
Hardware.
Brittain & Co.
Krise, J. H.
Meyer, A.
Osborn Hardware
& Tool Co.
Palace Hdw. Co.
Wright Hdw. Co.
Heat and Light.
Pacific Gas and
Electric Co.
**House Moving &
Raising.**
Hume Con'g. Co.
Pearson, E. K.
Sullivan, D. J. & T.
**Heating & Vent-
ilating.**
Cronan, Wm.
Mangrum & Otter
Montague, W. W.
& Co.
Insulated Floors.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pacific Floor
Sanding Co.
Iron Works.
Michaels & Pfefer
Monarch Iron
Works.
Mill Co.
Pacific Structural
Works
**Interior Decora-
tors, Lathers.**
Smith & Dornan
Lynch, Richard
**Joist Hangers &
Post Caps.**
Kortick - Falls
Mfg Co.
Lilly & Thurston
Co.
**Kaymer System
Store Fronts.**
Fols Mfg. Co.
Lilly & Thurston
Co.
Light and Power
City Electric Co.
Pacific Gas & Elec-
tric Co.
Lime, Cement, Etc
Acme Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Hydrate Co.
Cowell Lime &
Cement Co.
Holland, J. P.
Homes Lime Co.
Lennon, J. S. F.
Lucas, W. E.
De Lime & Plas-
ter Co.
Plumb.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebeling Con. Co.
Floor Sanding
Inland Floor Co.
Pacific Floor
Sanding Co.
Grill Work.
Cal. Art Metal &
Wire Works.
Merle Co., A.
Sartorius Co.
Withington, C. W.
Gen. Contractors.
Brigham, H. B.
Caldwell & Co.
Cecchini & Son.
Louis
Dempiak Bros.
Farquharson, D. B.
Fels, Grant.
Fluth & Morton
Graham, D. J.
Griffith, Wm.
Hannal & Co. J. S.
Hayes & Schmidt
Jackson, A.
Shasta Lime Pro-
ducts Co.
Western Building
Material Co.
Western Lime &
Cement Co.
Lumber.
Acme Lumber Co.
Christenson Lum-
ber Co.
Greater City Lum-
ber Co.
Haw-Wood Lum-
ber Co.
Humboldt Lum-
ber Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Krise, J. H.
Loop Lumber Co.
Macdonald Lum-
ber Co.
Moore, B. Mill
& Lumber Co.
Olsen - Maloney
Lumber Co.
Rope & Tarpaulin
Santa Fe Lumber
Co.
Schouten Lumber
Co.
Tienan & Bero-
nio
Van Arsdale-Har-
ris Lumber Co.
Wiley Bros. & Co.
Doe Co., P. P.
**Lumber, Hard-
wood.**
Gieckmann & Co.
Howard, E. A. &
Niehaus, Ed. F. &
Co.
White Bros.
S. F. Lumber Co.
Machinery.
Harron, Rickard
& McCone
Parrott & Co.

Masons & Builders

Alexander, R.
Allen, C. J.
Anderson & Rat-
nov.
Appel, A.
Brady, M. V.
Brady, O. E. & Son
Braddon, E. I.
Brennan, J. E.
Brougham, H. B.
Butcher, Thomas
Butcher & Hadley
Byron, D. J. & Son
Campbell Bros.
Care, J. W.
Drake, Harry E.
Downey, J.
Farrell & Reed
Fennell, Jas.
Gale, M. F. & Son
Gillon, J. E.
Harrison, A.
Hibbins & Baker
Hock, Chas.
Hoffman, V.
Hogberg & Lud-
wig
Larson, H. H.
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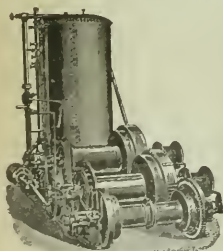
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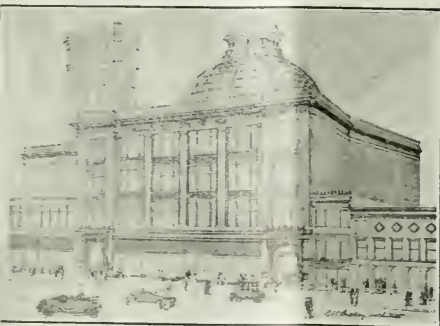
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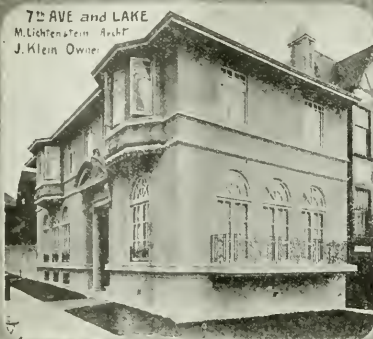
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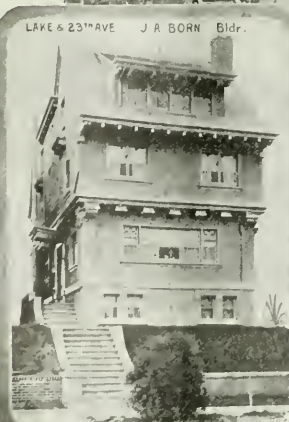
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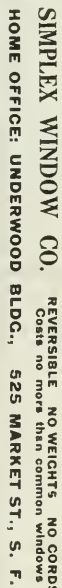


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Thirteenth Year No. 35

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Editorial Comment.

The Examiner states that it is about time to clean house. And starts in by saying that the whole police department is crooked, and that the present chief and the present police commission is incompetent. And it goes on to say that the public is sick and tired of the present management of the police force as it is at present managed and its apparent partnership with plunderers and panderers.

This is a broad statement and if the Examiner is in earnest it should set about to get specific facts sufficient to base a charge upon. There was no great howl made by the Examiner when Chief White was appointed. The Examiner has the largest circulation of any morning paper. If it is properly in earnest and dealing in good faith it can accomplish more in influencing public opinion than any other single influence.

What is needed in the police department of this and every other city is the rooting out of the political influence that controls the appointment of police chiefs and the officers generally. It is altogether probable that Augustus White would not have been chief of police had he not been a trusted friend of the Gas Company—and so on down the line, the officers in responsible positions are placed there by political powers that are hidden and that deal by indirection. If an ordinary policeman deals out even-handed justice and arrests some rich and powerful citizen for speeding or violating the traffic ordinance he soon finds himself transferred to the fog belt and placed upon the most undesirable beat in the city. He soon finds that he must do as the powers that be want him to do and if he does right and fairly by everybody he usually gets a kick for his pains.

If the Examiner would take up this phase of the question and give publicity to such facts as these it would accomplish a good service. Not only does the alliance of crooks and crooked policemen want to be broken up but the honest and fearless officer must be protected in the discharge of his duty as well.

The Call has been sold back to John D. Spreckels and F. W. Kellogg according to announcements and will be run as an evening paper hereafter with the Hearst news service and the Associated Press franchise that de Young formerly held. So that about the only change that will be effected is that it will be changed from a morning to an evening newspaper.

So it seems that de Young did not buy the Call but what amounts to

agreement to quit the morning field. Meanwhile the mystery is who the real parties are behind the new venture, whether it is Hearst, or Spreckels or Kellogg or what other person. Until that mystery is raised there will be a hoodoo on the paper which seems to have always existed. The ordinary person will not stand for indirect proceedings in this field. If responsibility is to be taken by a public newspaper let the public know who is really responsible.

The new paper will perhaps find a field for itself. Its only competitor is the Bulletin. The Post represents a private interest that is now discredited, and the Daily News is hardly in the same field. But the success of the new paper will depend upon the field it attempts to fill and how it fills it.

If the paper is to live it will have to be an individual and not merely a colorless merchant of the news.

The jury in the Caminetti case has been completed. So far as newspaper comment is concerned it is a representative jury. The attitude of the presiding judge in his instructions seems to leave Caminetti without a leg to stand on. But it is often said that God Almighty himself does not know what twelve men will do, so in this case the verdict of the jury, as it is constituted, is awaited with interest by the public.

The United States government through the navy department will shortly begin the construction of the largest radio station at Caimeto, Panama, which will be known as the Darien Radio Station. It will have three towers arranged in the form of a triangle, 900 feet apart, and each tower will be 600 feet in height. This station will be of the same power as the one at Arlington, West Virginia, but the towers at Arlington are only 450 feet high for two and 600 feet for the third one.

The base of the towers at the Darien station will be 180 feet above the sea level and the sending and receiving apparatus will have about 3,000 miles direct reach, which will include the Arlington station, San Francisco, Valdivia, 420 miles south of Valparaiso on the Pacific, and Buenos Ayres on the Atlantic. It will cover a vessel anywhere on the east coast of the United States and communicate with St. Vincent, 500 miles west of the coast of Africa. For sending the Poulsen system will be used.

A contractor in Southeastern Kansas was given a contract to build a concrete bridge over a stream. Then the dry spell started and he found he had to haul water two miles in order to mix the concrete.

Water---Its Properties and Practical Uses.

The Principles of Heat and Circulation. Some Simple Examples of Hot Water Heating for House Use. By F. W. Tower in "Domestic Engineering".

Hot Water Service.

In ordinary language the term heat is used, not only to express a particular sensation, but, also to describe that particular state or condition of weather which produces the sensation.

Besides producing this sensation, heat acts variously on bodies; it melts ice, boils water, expands air, makes metals red hot, and melts them, etc.

Heat is termed a "condition of matter," and a condition which can be transferred from one body to another.

Heat is termed a "form of motion."

A noticeable property of heat is its tendency to an equilibrium, that is, its disposition to pass from the hotter body to that which is colder, until there is equality of temperature.

The general action of heat upon bodies, is to assume a greater volume, or, to expand.

All bodies expand by the action of heat.

As a general rule, gases are the most expansive, then liquids, and lastly solids.

The diffusion of heat among the particles of fluids and gases has been termed convection, to carry.

When a liquid is heated from above, the temperature rises slowly, but, if a liquid be heated from below, it will be noticed, at once, that currents of liquid rise from the bottom to the top of the vessel and the liquids acquire a uniform temperature.

The layers of a liquid or gas which are nearest to the source of heat are expanded, and, thus become specifically lighter than surrounding portions, consequently they rise, while colder and therefore heavier portions fall, are heated in their turn, then rise to make way for other and colder portions.

In plumbing, this movement, when applied to hot water heating is termed circulation, or, in other words, "moving in a course which brings the moving body to the place where its motion began."

The degree of "expansion" produced by heat in different liquids varies considerably.

Water expands more than mercury; and alcohol, which is lighter than water, expands more than water.

Heat can be transmitted from one body to another without alternating the temperature of the intervening medium.

Thus, radiating, spreading or diverging, from a common center, such as a water front, would be the cause of heating water in a boiler.

Latent heat means "to lie behind."

When substances pass from the solid to the liquid condition, and from the liquid to the gaseous, they absorb heat.

A liquid is a solid plus heat.

A gas is a liquid plus heat.

The heat thus absorbed does not appear as sensible heat, but is consumed

in bringing together energy upon the particles of matter.

Specific or sensible heat, is the quantity of heat required to raise the temperature of a body, of a given weight, one degree, the unit of measure being the quantity required to raise the same weight of water to the same temperature.

Water is taken as the standard of comparison.

The portion of heat which affects the thermometer and is registered, is called sensible heat.

Heat not being ponderable, capable of being weighed, it is estimated by the effects it produces.

The unit quantity of heat, is the quantity required to raise the temperature of a pound of water from 62 to 63 degrees, and is termed the British Thermal Unit, or, B. T. U.

When a body of water is increased in temperature, it expands, therefore occupies more space.

When decreased in temperature, the water contracts, and occupies less space.

The density of a body of water being uniform throughout, there will be no movement, because the weight of any part of the body is equalized, thus, one part cannot displace another.

If any body of water having a temperature above 39 degrees F. (the point of greatest density of water) the coldest particles will fall to the bottom, and the others will take their respective positions throughout the body, according to their respective temperatures, the hottest being at the top.

How is this principle practically applied in heating water for a house supply?

Currents can be formed by heating a part of the water at some central point, such as a water front, in a range.

Heat from the fire being applied to the side of the water front, which is hollow, and being filled with water, will cause the water to become heated, thus expanding, becoming lighter, and make an effort to rise.

If a tube, or pipe, extending from the upper part, or end, of the water front, be connected to the storage tank, or boiler, the warmed water will move through this passage to the highest point of the storage reservoir.

The boiler is intended, and installed, for the purpose of storing hot water.

As the fire continues, the water continues to move upward, the colder water constantly settles to the lower part of the boiler and water front, thus establishing a return current, or circulation, according to the law of gravitation and heat transmission.

Circulation is caused solely by the change of weight due to expansion by heat and contraction by cooling.

As the heated water leaves the water front, and rises in the boiler, the hottest water will remain at the highest point, but, as it passes through the cooler body present in the boiler,

it loses some of its heat, and falls to the lower parts of the reservoir, thus starting a local circulation until such a time as an equilibrium is established.

It is difficult to maintain this equilibrium, as the water is constantly coming in contact with cooler particles, and the shell of the boiler being exposed to the atmosphere around it, will constantly exert a cooling effect, and a movement from the boiler to the heater and return is constantly taking place, being really another circulation.

The circulation of water in a system of hot water piping employing a return (as range boilers), is quite rapid, because of the great difference in temperature of the water in the rising and return pipes.

The matter of friction needs consideration; all sharp bends or contractions in the pipe must be avoided; abrupt enlargements of the pipe, or pockets, create friction, and impede the flow.

Water must be heated from below and cooled from above, as it conducts heat slowly, depending very largely upon circulation.

The higher the flow pipe from a water front can rise, before it enters the boiler, provided it is not exposed to the influence of cold air, the more rapid the circulation, and the more water can be warmed in a given time, the water front being equal in other respects.

Side boiler couplings are usually too low.

The rapidity of circulation depends upon the difference in weight of the two columns, the longer these columns are, the greater the difference.

Hot water rises, cold water falls in vertical lines, the way of nature, and in exact accord with the laws of gravitation.

Every movement horizontally creates friction and resistance, thus checking the velocity or momentum with which the water should leave the boiler.

The reason hot water flows from the boiler, is simply because the water pressure in the feed pipe forces the hot water through the pipes when a hot water faucet is opened; the quantity thus drawn is replaced by cold water drawn from the street main into the bottom of the boiler, through the tube provided for that purpose.

No matter how much hot water is drawn, it is impossible to empty the boiler in this manner.

It simply fills the boiler with cold water as it is fed from the top.

When a fixture is a long distance from the boiler, the water cools, and often an undesirable wait is necessary, beside wasting water, unless a circulating pipe is installed to keep the water moving.

Therefore it is desirable to install a pipe connecting to the hot water flow pipe, an extension at or beyond the branch to the farthest fixture.

then return with a somewhat smaller pipe than this main flow pipe from the boiler, as the water, being cooler, contracts, or becomes more dense, its temperature lowered, and requires less room.

The pipe should return to the boiler without branches, to its lowest connection, or through a tube, the water becomes reheated, and again goes on its way around the circuit.

With this circuit pipe, the water is constantly moving, and when a faucet, anywhere on the hot water flow line is opened, hot water will be drawn immediately.

Sometimes the flow is reversed, when the pressure is lowered, by the opening of a faucet at some low point on the line, which would allow the water to flow to the point of least resistance.

Check valves are designed to allow the flow of a liquid in one direction only, to positively prevent any return flow, and are usually applied to the circulation pipe for this purpose.

These are two kinds: the globe and the swing check.

The passage of water through the swing check is more direct and less pressure is required to open or operate it.

Baths do not need circulation for the same reason that a lavatory does, as only small quantities of water are needed at a time, and it is very annoying to have to waste time drawing out cold, or dead water, from a lavatory faucet, and enough more to warm the pipe line, before hot water reaches the fixture.

When water is pumped by hand, it is still more annoying.

Kitchen sinks, being usually close to the boiler, are seldom in need of a circulating pipe.

Hot water for domestic purposes is commonly heated in the cooking range by means of a water front, sometimes, when located in the back of the fire pot, called a water back. This water front or back, is really the water heater, sometimes termed a boiler.

The cold water supplies this heater, usually taken from the bottom of the kitchen boiler; this pipe is called the flow pipe to water front.

The upper pipe from the water front conveys hot water to the storage re-circulator boiler, and is called the hot flow pipe.

A water front, having fire outside and water inside, is subjected to severe strain, internally, and the metal needs to be much thicker to stand this double tension, water and heat.

Water fronts are usually constructed and tested to resist a pressure, when cold, of 700 pounds per square inch.

Water fronts are frequently over-ventilated, warped, corroded; thus the shell is made thinner, which lessens its ability to resist an excessive strain and thus explosions occur, often doing great damage.

The capacity of a water front is measured by the heating surface in square inches, exposed to the fire, about 100 square inches being usually estimated as the surface in the average casting, and enough to heat a 40 gal. boiler.

The quantity of water heated, the

time required for heating, and the amount used, varies in all cases.

The capacity of the heater depends upon the requirements of a building, the large water front with a small reservoir means very hot water, with steam causing snapping and cracking sounds, and straining all piping connected with the hot water system, while a small water front, with a large boiler, produces only luke warm water.

A coil of copper pipe will heat about 35 gal. of water under the same conditions that the average water front

will heat 17 gallons, with the usual fire, from 62 to 180 degrees, per hour.

This coil replaces the cast iron water front, to increase the heating capacity, often avoiding the necessity for a new range or front of larger size, and usually proving satisfactory.

Boilers are usually constructed of copper or galvanized iron, sometimes set in a vertical or upright position, but when conditions are such that it is necessary to install them horizontally it is equally practical, the results being satisfactory in either installation.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, J. F. Dunn. The building will be erected on the north side of Pine street west of Leavenworth, covering an area of 25 by 120 feet. Interior has been arranged to contain 12 large suites of three and four rooms. Interior finish will be of pine with elm panels and some hardwood floors. All suites will be equipped with wall beds and private bath rooms. Plans provide for a central heating system and hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Marble will be used in the entrance vestibule. Plans are being prepared and will be ready for figures within a month.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architects, Palch & Knoll, Hearst Bldg., S. F. Owner, William Hencke. This building was mentioned here when the architects were first commissioned to prepare plans. The structure will be erected on Page street east of Fillmore, covering an area of 25x92 feet. There will be a total of six modern suites of two and three rooms with private bath and wall beds. Interior finish will be of pine with some elm panels. Plans provide for a central heating system and hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owner, K. Anderson, Hearst Bldg., S. F. The building will be erected on the north side of Highland avenue west of Holly Park, covering an area of 30x51 feet. Plans provide for a total of six suites of two, three and four rooms. Interior finish will be entirely of pine. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. A hot water system will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All mate-

rials are now being purchased.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$40,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, M. Byrne. The building will be erected on the west line of Webster street 102 feet south of Pacific, covering an area of 46½ feet by 100 feet. The structure will contain twelve suites of two, three and four rooms. All apartments will have wall beds and private baths. Interior finish will be of pine, elm panels and hardwood floors. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Marble will be used in the entrance vestibule. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 4 story and base, brick and steel. Cost not stated. Architects, M. S. Yager and Co., Trust and Savings Bldg., L. A. Owner, C. C. Hooper. The building will be erected on a corner site covering an area of 52x150 feet. Plans show a total of 110 rooms arranged in two and three room suites. All apartments will have connecting bath rooms and wall beds. There will be steam heat, elevator service, vacuum cleaning system and hot water plant. Interior of the building will be finished in pine with some hardwood floors and elm panels. Bath rooms will have cement floors and tile wainscot. Exterior will be faced with pressed brick. Construction will be carried on by the M. S. Yager Co.

LOS ANGELES, CAL. — Apartment house, 3 story and base, brick, \$30,000. Architect, L. L. Jones, J. W. Hellman Bldg., L. A. Owner, J. P. Parth. The building will cover an area of 33x115 feet. There will be two stores on the first floor and 40 rooms arranged in two and three room suites on the upper floors. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BANKS.

RIVERBANK, STANISLAUS CO., CAL. Bank, 2 story and base, brick and steel, \$10,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, Riverbank Land Co. The building

will be erected on a corner site covering an area of 50x125 feet. There will be stores on the first floor besides the bank. Upper floors will be arranged for offices and living apartments. Interior finish will be of pine except in the bank which will be finished in hardwood and tile. Special fireproof vaults will be used. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

BATH HOUSES.

ALAMEDA, ALAMEDA CO., CAL.—Bath house, 1 story, reinforced concrete, \$10,000. Engineer, City Engineer Chapman, Alameda. Owners, City of Alameda. This work has been mentioned here before when the engineer was first instructed to prepare plans. The building, which is to contain a large swimming tank 120x200 feet, will be erected adjoining the city power house. Hot water exhaust from the power plant will be used to heat the tank. Special salt water filters will be installed. Exterior of the building will be faced with cement plaster. A glass roof will be used. Plans are nearly complete and bids will be called for as soon as funds can be made available.

LONG BEACH, LOS ANGELES CO., CAL.—Bath house and auditorium, 2 story brick and steel, \$600,000. Architect, Albert C. Marin, Higgins Bldg., L. A. Owners, A syndicate headed by Frank Strong of Long Beach. The city of Long Beach has been asked to grant a franchise for the construction of a Class A building on the Strand between Pine and American avenues covering an area of 450x200 feet. There will be a plunge 200 by 100 feet, 200 bath rooms and an auditorium with a seating capacity of 10,000 people. Preliminary plans have been prepared. Further mention will be made of this work as the plans progress.

BRIDGES, DAMS AND HARBOR WORK.

Contracts Awarded.

VANCOUVER, B. C.—Government dock, reinforced concrete, \$1,500,000. Engineer's name not stated. Owners, Provincial Government. Contractors, Henry, McFee and McDonald, White Bldg., Seattle. Contract price, \$1,500,000.

VALE TO ODELL, ORE. AND WASH.—Bridge, concrete and steel, \$156,000. Engineer, Engineering Dept. O. W. R. and N. Co. Owners, Oregon-Washington Railroad and Navigation. Contractors, Oregon Bridge and Construction Co., Bates Bldg., Portland. Contract price, \$156,000. Note—The contract calls for the construction of 12 bridges.

CHURCHES.

BERKELEY, ALAMEDA CO., CAL.—Church, 1 story and base, frame, \$3,000. Architect, E. J. Aalto, 1531 California street, Berkeley. Owners, Swedish Lutheran Church. The building will be erected on University avenue west of San Pablo. There will be a main auditorium seating 300 people and Sunday school rooms. Interior finish will

be of pine and redwood. Some art glass will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LA GRANDE, ORE.—Church, 1 story and base, brick and stone, \$25,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Roman Catholic Church of La Grande. The building will cover an area of 39 by 90 feet and has been designed in the classic style. Plans provide for a main auditorium seating about 500 people, class rooms and pastor's study. Interior finish will be of pine throughout. There will be steam heat. Basement will contain the heating system and a gymnasium. Some ornamental plaster work will be used. Exterior of the building will be faced with pressed brick and cut stone. Plans are nearly complete and figures will be called for shortly.

COURT HOUSES.

SAN FRANCISCO—City hall, 4 story and dome, Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Keating street, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the granite work on the new City Hall show McGilvray-Raymond Granite Co. of this city low at \$991,313. Three other firms submitted figures, one Los Angeles firm being included. The next lowest bid came from the Raymond Granite Co. at \$1,010,388. Bids were reported as being very satisfactory to the Board of Public Works and it is stated that the McGilvray figures were some \$225,000 below the architects' estimate. A contract will be awarded shortly. A complete list of the bids appears under the heading of San Francisco in this issue.

FACTORIES & WAREHOUSES.

SACRAMENTO, CAL.—Warehouses, 2, 1 story, frame, \$115,000. Architect, none. Owners, McGilvray Const. Co., 1007 7th street, Sacramento. These buildings will be erected on the company's property bounded by 10th and 11th street and B and C. There will be cement floors. Exteriors will probably be covered with galvanized iron although stock brick may be used. Plans are in the hands of the owners and the work will be done by Day Labor.

FIRE HOUSES.

HAYWARD, ALAMEDA CO., CAL.—Firehouse, 2 story and base, frame and brick, \$6,000. Architect, John Haar, Hayward. Owners, Town of Hayward. The building will be erected on Castro street between B and C streets. The first floor will be arranged for three pieces of apparatus and the second floor for company quarters. Interior finish will be of pine throughout. A cement floor will be used over a part of the first floor. Special electric work and plumbing fixtures will be installed. Exterior of the building will be covered with pressed brick veneer. Plans are complete and figures are being taken.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,500. Architect, none. Owner, William H. Dillon, 538 Haight street, S. F. The building will be erected on the south side of Page street east of Fillmore and will cover an area of 25x105 feet. Plans provide for three flats of five rooms and bath each. All interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in each of the living rooms with a brick or tile mantel. Bath rooms and kitchens will have tile wainscot. Marble will be used in the entrances. Exterior of the building will be covered with shiplap and cement plaster. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Charles H. Cassasa. The building will be erected at 1915 Lake street and has been designed to contain four residential flats. Interiors will be handsomely finished in pine and redwood with some hardwood veneer and imported tapestry. Hardwood floors will be used throughout. Bath rooms will have composition floors and tile wainscot. There will be a large open fire place in each of the living rooms. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with shiplap, rustic and brick veneer. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owner, Joe Lynch. The building will be erected on a corner lot at the intersection of Lindsay and San Joaquin streets and has been designed to contain two modern four room flats. Each flat will have one bath. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each of the living rooms. Mantels will be of tile. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, brick and steel. Cost not stated. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owners, Cool Estate. This building will be erected at the corner of Steiner and Ellis streets and will cover a large area. There will be a concrete foundation, brick walls and steel roof trusses. Cement floor will be used. The building has been designed for a large commercial garage and will include besides the storage space an office and completely equipped machine shop. Special gasoline storage tanks and metal window frames and sash will be specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete, \$20,000. Architect, Herman Barth, 12 Geary

street, S. F. Owner, Martin Krotoszyner. The building has been designed for a garage and automobile sales rooms, and will be erected at the southeast corner of Van Ness avenue and Pacific street. Interior of the front portion of the building will be handsomely finished in hardwoods, marble and tile. A cement floor will be used. Rear of the building will contain the repair shop and shipping rooms. Exterior will be faced with cement plaster. Metal window sash and frames are specified. Plans are being prepared.

OAKLAND, CAL.—Garage and sales rooms, 1 story and base, reinforced concrete. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Kissel Car. The building will be erected at the corner of 24th and Broadway and has been designed as the Oakland headquarters of the Kissel Car Co. Interior of the office space and sales rooms will be handsomely finished. Hardwoods and tile will be used. A cement and tile floor will be specified. Metal window sash and frames and special machine equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

GOVERNMENT WORK AND SUPPLIES.

PROSPECTIVE BIDDERS. Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Pasadena, Cal., Construction, September 11.

King Lumber Co., Charlottesville, Va.

Hiram Lloyd Building and Construction Co., St. Louis, Mo.

J. E. & A. L. Pennock, 1003 Land Title Building, Philadelphia, Pa.

M. Yeager & Son, Danville, Ill.

Dieter & Wenzel Construction Co., Wichita, Kan.

J. W. Wiese, 1301 City National Bank Building, Omaha, Neb.

Wise Granite Co., Richmond, Va.

Sound Construction and Engineering Co., Central Building, Los Angeles, Cal.

Southwest Contractor and Manufacturing Co., 506 Douglas Building, Los Angeles, Cal.

J. W. Atkinson, Colorado Springs, Colo.

E. Schuller, Santa Barbara, Cal.

Sound Construction Co., Seattle, Wash.

F. J. Anweg, 244 Kearny street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

E. F. Burke, 1458 Ellis street, San Francisco, Cal.

W. Fissell & Co., St. James Building New York City.

San Francisco, Cal., Vault Construction, September 2.

Diebold Safe and Lock Co., Canton Ohio.

B. F. Sturtevant Co., Washington, D. C.

Skinner & Garrett, 417 Evans Building, Washington, D. C.

David Construction Co., Union Trust Building, Washington, D. C.

Wells Construction Co., 619 Witherspoon Building, Philadelphia, Pa.

Hygeis Contracting Co., 1123 Broadway, New York City.

Duplex Electric Co., 516 W. 55th street, New York City.

P. F. Cormley Co., Union Trust building, Washington, D. C.

Carbon Steel Co., foot of 32nd street, Pittsburgh, Pa.

E. A. Olmer Co., 3 West 29th street, New York City.

York Safe and Lock Co., York, Pa. Hall's Safe Co., Spring Grove avenue, Cincinnati, Ohio.

Herring-Hall-Marvin Safe Co., 400 Broadway, New York City.

Manganese Steel Safe Co., 253 Broadway, New York City.

Moler Safe Co., Hamilton, Ohio.

Remington & Sherman Co., 636 Richmond street, Philadelphia, Pa.

Charles Wright, 25 Stockton street, San Francisco, Cal.

Excavation, Uncompahgre Project.

The following bids were opened by the U. S. Reclamation Service at Montrose, Colo., for excavation of the east canal, Uncompahgre project, Colo.:

Item 1, schedules 2, 4, 5, 6 and 7; 2, schedules 2 and 4.

Ellsworth-Klaner Construction Co., Glote Building, Pittsburgh, Kans., all schedules or none, item 1, \$16,572.50.

Saylor Construction Co., Lamar Colo., team work only, item 1, \$27,234; all schedules or none.

Saler Construction Co., Lamar, Colo., team work only, item 1, \$27,234; all schedules or none.

Reynolds-Ely Construction Co., Springville, Utah, item 1, \$24,992; all schedules or none.

Roylance & Bate, Springville, Utah, item 1, \$40,317.

C. B. Sherwood, Rocky Ford, Colo., item 2, \$10,720.

Puget Sound Gunners' Quarters, etc.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for gunners' quarters and filling house at the naval magazine, Puget Sound, Washington:

Item 1, Work complete; 2, gunners' quarters; 3, filling house; 4, add to item 1 for substituting a-bestos for wood shingles; 5, add to item 1 if front dormers and porch be built as indicated on drawing.

Carlson & Son, Seattle, Wash., item 1, \$7,851; 4, \$221; 5, \$73.

Ericsson & Lerson, Seattle, Wash., item 1, \$7,384.70; 2, \$5,896.35; 3, \$1,488.45; 4, \$288; 5, \$100.

Johnson & Odin, Henry Building, Seattle, Wash., item 1, \$7,389; 2, \$5,965; 3, \$1,424; 4, \$485; 5, \$30.

Gravel Cars.

The secretary of the interior has authorized the Reclamation Service to purchase 36 gravel cars at not to exceed \$250 each for use in connection with work on the Arrowrock dam, Boise irrigation project, Idaho.

Bridge, Warm Springs, Oregon.

The following bids were opened by the commissioner of Indian affairs for the construction of a steel bridge across the Des Chutes river, abutting Warm Springs Indian reservation:

The Midland Bridge Co., Kansas City, Mo.—No. 1, riveted bridge, concrete abutments, \$14,352; No. 2, pin-connected bridge with concrete abutment, \$13,388; No. 3, riveted bridge with tubular abutments, \$12,450, ac-

cepted; No. 1, pin-connected bridge with tubular abutments, \$11,688; time, 50 days afterward.

Northwest Steel Co., Portland, Oreg., No. 1, \$14,985; 2, \$14,700; 3, \$13,706; 4, \$13,506; time, 150 days.

Omah Structural Steel Works, Omaha, Neb., No. 1, \$13,485; 2, \$12,050; 3, \$12,875; 4, \$12,499; time, 150 days.

F. D. Moore, 54 4th street, Portland, Oreg., No. 1, \$14,050; 2, \$13,625; 3, \$12,750; 4, \$12,125; time, 150 days.

Illinois Steel Bridge Co., St. Paul, Minn., \$10,425 for pin-connected bridge with two 20-ft approaches; time, 150 days.

Seattle, Wash., Power Boat.

The following bids were received by the light-house inspector, 16th district, Seattle, Wash., for one service power boat:

Charles H. Curry, Seattle, Wash., \$3,000, boat only; 100 days; accepted.

Bjarne Pederson, Seattle, Wash., \$3,200, boat only; 100 days.

Harry Crosby, Seattle, Wash., \$3,000, boat and scow; \$100 days.

Material for Canal Fortifications.

The Isthmian Canal Commission has received requisitions for the purchase of a quantity of material required for storehouses for the Panama Canal fortifications.

The material to be furnished under the specifications, except the rivets, is to be of standard commercial open-hearth steel, subject to surface inspection only at the point of fabrication. The rivets are to be a standard grade of rivet steel. The material for convenience of reference is divided into four divisions: The first comprises 17 steel roof trusses in three parts each, with anchor bolts and bed plates, rivets necessary for field assembly, 34 suspension rods, complete, with pins, nuts, and washers.

The second division is intended for Toro Point, and comprises the necessary girders, floor beams, channels, connections, anchor bolts, and rivets to make the suspension system of a concrete floor in an eight-panel building.

The third division is intended for Naos Island and comprises the necessary girders, floor beams, channels, connections, anchor bolts, and rivets to make the suspension system of a second-story reinforced concrete floor in an eleven-panel building.

The fourth division calls for material for an overhead traveling crane runway and indicates the amount of material to be marked for each destination.

The material called for in the specifications follows:

71,258 lbs steel, division 1, for Toro Point.

105,043 lbs steel, division 1, for Naos Island.

48,824 lbs steel, division 2, for Toro Point.

39,333 lbs steel, division 3, for Naos Island.

6,17 lbs steel, division 4, for Toro Point.

8,881 lbs steel, division 4, for Naos Island.

Mar. Island, Cal., Dredging.

A bids received by the chief bureau of yards and docks, Navy Depart-

ment, Washington, D. C., for dredging channel and basin in Mare Island Strait and removing rocks and the work readvertised, new bids to be opened September 6.

Bellingham, Wash., Post Office.

The contract for painting plaster in the U. S. post office, Bellingham, Wash., has been awarded to Seth A. Atwood Paint & Wall Paper Co., Bellingham, Wash., at \$22.77.

Douglas, Wyo. Post Office.

Under bids opened for the construction of the Douglas, Wyo., public building all bids received on that date have been rejected.

Roswell, N. Mex., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving for the U. S. post office and court house, Roswell, N. Mex.:

Watson Mfg. Co., Jamestown, N. Y., \$856.

The Berger Mfg. Co., Canton, Ohio, \$942.

The Canton Art Metal Co., Canton, Ohio, \$948.

Art Metal Construction Co., Jamestown, N. Y., \$1,048.

General Fireproofing Co., Youngstown, Ohio, \$1,218.

The Van Horn Iron Works, Cleveland, Ohio, \$1,760.

Transmission Line.

The secretary of the Interior has awarded contract to the Standard Underground Cable Co., of Los Angeles, Cal., for furnishing wire for transmission lines in connection with the Boise irrigation project, Idaho. The contract amounts to \$5,834.05.

Caspar, Wyo., Post Office.

All bidders for the construction of the U. S. post office, Caspar, Wyo., will be requested by the supervising architect to make certain changes in their bids in order that the cost of the building may be brought within the amount appropriated by Congress.

HALLS & SOCIETY BLDGS.

BURLINGAME, SAN MATEO CO., CAL.—City hall, 2 story and base, brick and steel. Cost not stated. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, City of Burlingame. A change has been made in the call for bids on the Burlingame City Hall. The time for figuring the work has been extended to September 15th. The amount of the bond has been fixed at 50 per cent of the contract price, and each bid must be accompanied by a certified check of 10 per cent of the amount of the bid. An official proposal containing these changes appears in the Daily Pacific Builder under the head of Official Advertising.

SAN FRANCISCO—Science Museum 1½ story and base. Class A construction, \$120,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Golden Gate Park Trustees. Preliminary plans for this building, which is to occupy a prominent place in Golden Gate Park, have been approved by the Park Commissioners and working drawings are now being prepared. The building is designed in the classic

style and will be absolutely fireproof throughout. There will be a complete steel frame with stone and terra cotta facing. Interior finish will be of metal and stone with some hardwood. Floors will be of cement and tile. A steam heating system will be installed. Working drawings will be complete and bids will be called for this fall.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Arthur T. Ehrenport, 251 Kearny street, S. F. Owner, Metta Hacks. The building will be erected at the southwest corner of Olive and Larkin streets on a lot 60x103 feet. First floor will contain three stores besides the hotel entrance. Upper floors have been divided into 60 guest rooms, all of which will have private baths. Several of the rooms will also be equipped with wall beds. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Contracts for the excavating and foundation work have been awarded. Other parts of the work are now being figured.

OAKLAND, CAL.—Hotel alterations, 4 story, brick, \$20,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland, Owners, Abrahamson Bros. The present building at the southeast corner of 13th and Clay streets, and for several years occupied as a lodge hall, will be remodeled into a modern hotel. The work will include division of the floors into guest rooms, interior plaster work, electric work, plumbing, new interior finish, painting, and the installation of a central heating system. Exterior of the building will not be changed. Plans are nearly complete and figures will be called for shortly.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponet. The building is to be erected at the corner of Pico and Hope streets. Interior will contain in the neighborhood of 120 rooms, a large per cent of which will have private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. There will be metal window sash and frames. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Only preliminary plans have been prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architects, Mayberry and Parker, Pacific Electric Bldg., L. A. Owners, Consolidated Realty Co. The building will be erected at the corner of 14th and Hill streets and will cover an area of 60x104 feet. First floor will contain a large lobby, offices, dining room and kitchen. Upper floors will be divided into 60 guest rooms and 18 baths. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile. There will be steam heat, elevator service, a hot water system and vacuum cleaning plant. Exterior of the building will be faced with pressed brick. Plans are out for figures.

Contracts Awarded.

PORTLAND, ORE.—Hotel, 3 story and base, brick, \$25,000. Architect, A. C. Ewart, Beak Bldg., Portland. Owner, Mr. Ryan. Contractor, G. Zanello, Builders' Exchange, Portland. Contract price, \$25,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$43,000. Architects, Neher and Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. Contractors, Alta Planing Mill Co., 830 McGarry street, L. A., general construction only. Contract price, \$43,690.

LOS ANGELES, CAL.—Hotel, 3 story and base, Class C construction, \$22,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, J. Demozzi. Contractor, H. D. Sylvester, Central Bldg., L. A. Contract price, \$22,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exposition auditorium, Class A construction, \$1,000,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for the plumbing, heating, ventilating and electric work on the Exposition Auditorium, which is to be erected in the Civic Center, have been completed. Bids will be opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. on September 18th. Separate bids will be received on the plumbing and electric work, and under heating, for the system complete and for four divisions, covering the following work: Direct heating and vacuum pumps; sheet metal work, fans, motors and air heaters and air washers. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears under the heading of Official Advertising in this issue.

SAN FRANCISCO—Exhibit building, frame and concrete construction, \$100,000. Architects, Rightetti & Headman, Phelan Bldg., S. F. Owners, Swiss Society. These architects have just received a commission to prepare plans for a large building which will be erected on the Exhibit Section of the Panama-Pacific International Exposition for the Swiss Society. Construction will be of frame and cement plaster.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Carnine. The house has been designed for a seven room dwelling and will be erected on Douglas street west of 17th street. Interior will be finished in pine with some hardwood floors and elm panels. There will be furnace heat and open fire place. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, E. Nelson, 30 Presidio Terrace, S. F. This dwelling will be similar to a number of other houses erected by Mr. Nelson on property on

California street west of 15th avenue. There will be six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with tile or brick mantel. Tile will be used in the bath and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

SAN FRANCISCO—Residence, 3 story and base, frame, \$3,500. Architect, none. Owner, James Tobin, 18 Joice street, S. F. The dwelling will be erected on Joice street near Pine and will contain seven rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame and brick, \$12,000. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Albert A. Hanks. This building will be erected on Pacific avenue near Laurel and has been designed to contain 10 rooms, baths and sleeping porch. A garage will also be erected on the rear of the lot. Interior of the dwelling will be handsomely finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, brick, \$10,000. Architects, Willis Polk and Co., Merchants' Exchange Bldg., S. F. Owner, Albert Herman. The dwelling will be erected on the 2800 block on Broadway, commanding an excellent view of the city and bay, and has been designed for a modern city home. There will be in the neighborhood of 14 rooms, several baths and sleeping porches. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. A central heating system, either hot water or steam, will be installed. Several of the rooms will have open fire places and tile or brick mantels. Bath rooms will be finished in tile with composition floors. Marble will also be used extensively. Exterior of the dwelling will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, W. L. Schmoller, Whittell Bldg., S. F. Owner, Mary A. Hume. The dwelling will be erected on the north side of Clement street near Hyde and will cover an area of 54x10 feet. There will be in the neighborhood of ten rooms and several baths. Interior finish will be on pine and hardwood. Hardwood floors will be used in the principal

rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of terra cotta tile. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,800. Architect, none. Owner, David Houle, 660 Market street. The dwelling has been designed for a six room house with bath, and will be erected on the west side of 25th avenue near Lincoln Way. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalows, 3, 1½ story and base, frame, \$2,500 each. Architect, Joseph M. Geary, 2581 Post street. Owner, J. H. Kruss. These houses will be erected on the south side of College avenue between 23rd and Shotwell streets. Each has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood floors. Open fire places will be used in the living rooms with brick mantels. Tile will be used in the baths and kitchens. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, O. I. Punnels. The house will be erected in North Cragmont Tract and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood in the living and dining rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the residence will be covered with cement plaster on metal lath. Plans are complete and figures have been taken.

OAKLAND, CAL.—Residence, 2 story and base, frame \$5,000. Architect, none. Owner, H. M. Swalley, 745 Wesley avenue, Oakland. The dwelling has been designed for an eight room house with bath, and will be erected on Walker avenue near Cottage street. Interior finish will be of pine with hardwood floors in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, A. H. Dana. The dwelling will be erected in Rock Ridge Park and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles. Plans are complete and figures are now being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architect, J. A. D. Nicholson, Whittell Bldg., S. F. Owner, W. D. Tillingshast. This work has been mentioned here before when plans were first out for figures. Some revisions have been made in the plans and new figures are now being taken. The dwelling has been designed to contain eight rooms, baths and sleeping porches. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile with cement floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are now out for figures for the second time.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, Jalmer Millan, 412 Blackstone street, Oakland. The house has been designed for an eight room dwelling with bath and sleeping porch. Interior will be finished in pine with some elm panels in the living room. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor and all materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$30,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. A. J. Larkey. The dwelling will be erected in Crocker Highlands and has been designed to contain 15 rooms, baths and sleeping porches. A garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine, redwood and hardwoods. There will be a hot water system of heating, open fire places and vacuum cleaning system. Hardwood floors will be used in the principal rooms. Mantels will be of tile and brick. A garbage incinerator and automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof is specified. Plans are nearly complete and figures will be called for within a week or ten days.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The follow-

ing Lay Labor jobs are reported as about to be started in Sacramento: 1 story frame dwelling for D. Lamorue, 4219 Stanford avenue, \$1,800; 2 story frame dwelling for L. Largomarsine, East Side, \$2,000; 1 story frame dwelling for H. A. Langley, 1317 18th street, \$1,500 and a 2 story frame dwelling for J. G. Houston, 2705 O street, \$2,000.

PORTLAND, ORE.—Residence, 2 story and base, frame, \$15,000. Architect, Ellis F. Lawrence, Chamber of Commerce Bldg., Portland. Owner, John Keating. The dwelling has been designed for a 10 room house with baths and sleeping porches and will be erected in St. Helne's Court in Portland Heights. Interior finish will be of pine and hardwoods with hardwood floors in the principal rooms. There will be a central heating system, probably hot water, and open fire places. Mantels will be of tile and brick. Automatic water heater and vacuum cleaning system will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be carried to completion under the direction of Andrew Wilson by Day Labor. All materials are now being purchased.

PORTLAND, ORE.—Residence, 2½ story and base, brick and stone, \$35,000. Architect, Ellis F. Lawrence, Chamber of Commerce Bldg., Portland. Owner, Daniel Kern. The house has been designed to contain in the neighborhood of 15 rooms, several bath rooms and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat and open fire places, a vacuum cleaning system and dumb waiters. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. A garage will be erected on the rear of the lot. Exterior of the dwelling will be faced with cut stone and pressed brick. Plans are complete and the work will be done by Day Labor. Excavation has been completed.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, brick or reinforced concrete. Cost not stated. Architect, Frederick Heinlein, Lisner Bldg., L. A. Owner, Baroness Rosa Von Zimmerman. The dwelling, which will be designed in the Italian Villa style, will contain in the neighborhood of 24 rooms. A site has been secured in Oak Knoll. The type of construction which is to be used has not been fully determined. Interior finish will be largely of hardwoods. Exterior of the house will probably be faced with cement plaster. Further mention of the work will be made as the plans progress.

CAPESTRANO, ORANGE CO., CAL. Residence, 2 story and base, hollow tile construction. Cost not stated. Architects, Walker and Vawter, Hibernian Bldg., L. A. Owner, Grace Dolph. The dwelling will contain twelve rooms, four baths and sleeping porches. There will be hollow tile interior partitions and concrete floors. Plans provide for steam heat and a vacuum cleaning system. Interior finish will be of pine and hardwoods. Exterior of the house will be faced with cement plaster. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Smith and Stewart, 244 Kearny street, S. F. Owner, C. Gettme. The dwelling has been designed for a seven room house with two baths and two sleeping porches. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place and a brick mantel in the living room. Bath rooms will have tile wainscot. Exterior of the dwelling will be covered with shakes. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, P. Lindeblad, 3822 Randolph avenue, Oakland. The dwelling has been designed for a six room house with bath and will be erected on Everet street. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire place and brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,400. Architect, none. Owners, Fedt Bros., 8 Warren street, Oakland. The dwelling has been designed for a seven room house with bath. Interior finish will be of pine with some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, C. S. Allred, 120 Onondaga avenue, S. F. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place and brick mantels. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shiplap and rustic. Plans are complete and work will be done by Day Labor.

STORE.

SAN FRANCISCO—Store addition, 1 story and base, brick and steel. Cost not stated. Architect, M. J. Lyon, Nevada Bank Bldg., S. F. Owner, Dr. Buckley. The building on the north line of Market street west of Marshall Square will be added to at a cost of approximately \$10,000. The addition will contain stores and storage space. Interior finish will be of pine throughout. Modern plumbing and electric work will be included. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Telephone Exchange, 6 or 12 story and base, Class A construction. Cost not stated. Architect, Architectural Department Pa-

cific Telephone and Telegraph Co., 140 New Montgomery street, S. F. Owners, Pacific States Telephone and Telegraph Co. The building will be erected at 622 South Hill street covering an area of 75 feet square. The entire building will be used by the company. Plans are being prepared for a 12 story structure but only six stories will be erected at the present time. There will be a complete steel frame, exterior walls of terra cotta and pressed brick. Hollow tile interior partitions and metal trim will be used. There will be steam heat and elevator service. Bids will be called for as soon as plans can be completed.

Contracts Awarded.

LOS ANGELES, CAL.—Lofts, 13 story and base, Class A construction, \$78,000. Architects, Austin and Pennell, Wright and Callender Bldg., L. A. Owners, Mason Estate. Contractors, C. J. Kubach Co., Van Nuys Bldg., L. A. general construction only. Contract price, \$78,000.

THEATRES.

LOS ANGELES, CAL.—Theatre, 1 story and base, brick and steel, \$35,000. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, H. L. McAllister and J. M. Dobbins. The building will be erected on an irregular lot covering an area of 169x183x121x36 feet. The theatre, which will be used for moving pictures, will seat 550 people. There will be five stories in the building besides the theatre. Metal window sash and frames will be used. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Nickelodeon, 1 story, frame. Cost not stated. Architects, Fabre and Bearwald, Merchants' National Bank Bldg., S. F. Owner, Mr. Louissou. The building will be erected in the Richmond District and will contain an auditorium seating 200 people. Interior finish will be of pine and ornamental plaster. There will be special electric work. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

BERKELEY, ALAMEDA CO., CAL.—Theatre and pool room, 1 story and base, brick and frame. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, J. Michel. The building will be erected on San Pablo near 67th street and will contain, besides the theatre, a large pool hall. Interior finish will be of pine. Special electric work will be required. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Theatre alterations, brick construction, \$10,000. Architect, Walter King, Elks' Bldg., Stockton. Owner, C. A. Shack. This work will consist of exterior and interior alterations and will call for new plastering, painting, decorating, electric work and plumbing. Exterior walls will be faced with pressed brick. Plans are complete and figures are being taken.

VICTORIA, B. C.—Theatre, 3 story and base, reinforced concrete and steel, \$125,000. Architect, Jesse M. Warren, Central Bldg., Victoria. Owners, McPherson and Fullerton. The building will be erected on the east side of Government street north of Cormorant

and will be fireproof throughout. There will be a complete steel frame, reinforced concrete walls, and floors and hollow tile interior partitions. Interior finish will be of pine, hardwoods and metal. Considerable ornamental plaster work will be used. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

PORTLAND, ORE.—Five rank, 1 story, reinforced concrete, \$15,000. Architect, A. J. MacClure, Lewis Bldg., Portland. Owners, Portland Ice Hippodrome Co. The building will be erected near the business center and will cover an area of 175x360 feet. Construction will be of reinforced concrete with a steel trussed roof. Space for the ice rink will be 100x347 feet. There will be special rooms for ladies and gentlemen and a large gallery seating 1500 people. The ice making plant will occupy a space 40x130. Details for the ice machinery have not been worked out. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SEALED PROPOSALS.

PROPOSAL FOR CANAL SUPPLIES.
CANAL CIRCULAR 79.—Proposals for Furnishing and Erecting Structural Steel Work for Sops Office Building at Balboa.—Sealed proposals will be received at the office of the general purchasing agent, U. S. Army, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., September 6, 1913, at which time they will be opened in public for furnishing the above-mentioned articles. Plans and general information relating to this circular (No. 79) may be obtained from this office, or from the U. S. engineer's offices. J. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing agent.

PROPOSALS FOR STONE.

STONE.—U. S. Engineer Office, 502 Couch Bldg., Portland, Ore.—Sealed proposals for furnishing stone for jetty construction at mouth of Nealem River, Oreg., will be received here until 11 a. m., September 11, 1913, and then publicly opened. Information on application. JAY J. MORROW, major, engs.

PROPOSALS FOR DREDGING.

DREDGING.—Sealed proposals, intended for dredging, will be received at the bureau of wards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 11, 1913, and then and there publicly opened, for dredging channel and basin in Mare Island Strait. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Office of the Recorder, Eleventh Light House District, Custom House, San Francisco, Cal.—Sealed proposals will be received at this office until 2 p. m., September 2, 1913, and then publicly opened, for constructing a frame addition to keeper's dwelling at Trinidad Head Light Station, Humboldt County, Cal. Blank proposals may also be obtained by addressing the keeper of Trinidad Head Light Station, Trinidad, Cal., and the Humboldt Bay Beacon keeper, Bureka, Cal. The estimated cost of the addition is about \$2,100.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 792.—Isthmian Canal Commission, Office of the Purchasing Agent, Washington, D. C.—Sealed proposals will be received at this office until September 11, 1913, under circular No. 792 for furnishing

iron pipe and fittings, expansion joints, clean-outs, steam traps, copper gaskets and magnesia pipe covering. For further information address F. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING.—Sealed proposals will be received at the office of the light house inspector, San Francisco, Cal., until 2 o'clock p. m., September 2, 1913, and then opened, for constructing a frame addition to the keeper's dwelling at Trinidad Head Light Station, Humboldt County, Cal. Blank proposals and information may be obtained by addressing the light house inspector, San Francisco, Cal.

PROPOSALS FOR LOCK GATES.

LOCK GATES.—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for lock gates will be received at this office until 12 m., September 29, 1913, and then publicly opened. Information on application at the U. S. engineer's office, Seattle, Wash. Chicago, Ill., or Pittsburgh, Pa. J. B. CAVANAUGH, major, engineers.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 789.—Proposals for Transformers, Switchboard, Wire and Cable, Conduit, Panel Boards and Miscellaneous Electrical Apparatus.—Sealed proposals will be received at the office of the general purchasing agent, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., September 10, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Plans and general information relating to this circular (No. 789) may be obtained from this office or the offices of the assistant purchasing agents, 1086 North Point street, San Francisco, Cal.; Also from the U. S. engineer's offices in the following cities: Seattle, Wash.; Los Angeles, Wash.; C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

NOTICE TO CONTRACTORS.

TRAFFIC DEPARTMENT. Office of the Supervising Architect, Washington, D. C., August 20, 1912.—SEALED PROPOSALS will be received in this office until 3 o'clock p. m., on the 24th day of September, 1913, and then opened, for interior painting of the United States Custom House at San Francisco, California. The work contemplated consists of painting of the ceilings generally throughout the building, except in public halls, corridors, etc. Drawings and specifications may be obtained at the office of the Supervising Superintendent of Construction, U. S. Post Office, San Francisco, Cal., or at this office in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

NOTICE TO CONTRACTORS.

SEALED bids will be received at the office of the Comptroller, University of California, Berkeley, Calif., at or before 10:00 a. m., Monday, September 15th, 1913, for excavating, laying tile, placing silt boxes, etc., and back-filling of about 21,000 lineal feet of drainage ditches on the Kearney Ranch, near Fresno, California, as per specifications on file at said office.

No bids will be received unless accompanied by a certified check or bond in favor of the undersigned, equal to ten per cent of the bid, to secure execution of contract by successful bidder. The right is reserved to reject any and all bids.

THE REGENT OF THE UNIVERSITY OF CALIFORNIA.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, at Room 415, in the Exposition Building, Pine and Battery streets, San Francisco, California, at 11:30 a. m., Thursday, September 18, 1913, for plumbing, heating and ventilating, and electric wiring for the Exposition Auditorium, in accordance with the plans and specifications on file in the office of the Director of Works.

Sealed bids will be received on Plumbing, Electric Wiring, and under Heating and Ventilating, for the system complete and for four divisions covering the following work: Direct

Heating and Vacuum Pumps; Sheet Metal Work; Fans, Motors and Air Heaters; Air Washers.

A bond in the sum of fifty (50) per cent of this contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 297 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE.

In the Call for Bids on the Burlingame City Hall, the date, hour, and amount of the certified check required has been changed beginning with the issue of Aug. 23th, 1913.

NOTICE TO CONTRACTORS.

BURLINGAME CITY HALL.

SEALED proposals will be received by the Board of Trustees of the City of Burlingame, California, at 5:00 o'clock p. m., September 15th, 1913, for all material and labor necessary for the construction of the Burlingame City Hall in accordance with the plans, specifications and general conditions for said City Hall, which may be obtained from J. R. Murphy, City Clerk, in the City of Burlingame, at the office of Charles Peter Fortek, the architect, Mutual Savings Bank Building, San Francisco.

A bond satisfactory to the owner in the sum of Fifty per cent of the contract price will be required for the faithful performance of the contract. Progressive payments will be made. All bids shall be on the forms furnished with the plans and specifications. The right is reserved to reject any and all bids.

Each bid shall be accompanied by a certified check for Ten per cent of the amount of the bid, payable to J. R. Murphy, City Clerk of Burlingame, which check shall be forfeited by the City of Burlingame by the successful bidder if he fails to enter into a contract for the construction of the work with said City, or fails to furnish acceptable surety bonds within Ten (10) days after the award. Upon fulfillment of the above conditions the successful bidder's check shall be returned to him, and the bid shall be returned to the proper parties.

A deposit of Twenty-five (\$25.00) Dollars must be made for each set of plans and specifications, which Twenty-five (\$25.00) Dollars will be refunded upon return of the plans and specifications. J. R. MURPHY.

(*) City Clerk.

NOTICE TO CONTRACTORS.

BIDS will be received for construction of building for Carpenter's Hall Association, San Francisco, located at Carpenters' Headquarters, No. 804 Mission street.

All bids must be accompanied by a certified check of 10 per cent of contract price, or a good and sufficient Guaranteed Bond of 50 per cent of contract.

All bids submitted to consider two propositions: First a general bid, including the complete construction of the building, according to plans and specifications; second proposition, a general estimate of work for Carpenter's Hall re-erected to be done by Carpenters' Hall Association.

All bids to be in on or before September 11th, 1913, at 6 p. m.

Bids received by J. C. Evans at Carpenters' Headquarters, No. 804 Mission street. (*)

NOTICE TO ARCHITECTS.

Public Notice is hereby given that plans and specifications in detail, for an absolutely fire proof jail for Kern County, California, will be received by L. L. Miller, County Clerk and Clerk

of the Board of Supervisors of Kern County, up to 10 o'clock a. m. of the 7th day of October, 1913. Plans, elevations and sections must be drawn to a scale of eight feet to one inch, and be executed in black and white only. Building site is 264x264 feet. A perspective may be submitted.

Specifications must be complete and contain a complete system of heating, plumbing and ventilation, and must specify kinds of material used in construction. The plans must be for a building two stories high and basement.

The successful competitor must file a good and sufficient bond, satisfactory to the Board of Supervisors, in the sum of \$25,000 as a guarantee that a bond fide bid, for a sum not to exceed \$150,000.00 for the construction of said building as per plans will be received at the time appointed for such bids.

Premiums will be given to competitors as follows, to-wit:

First prize, acceptance of plans and specifications.

Second prize, two hundred and fifty dollars.

Third prize, one hundred and twenty-five dollars; all of said premiums to be deducted from the commissions paid the successful architect.

The Board reserves the right to accept or reject any or all plans and specifications.

Dated this 13th day of August, 1913.
I. L. MILLER,
Clerk of the Board of Supervisors.
By Geo. H. Brundage, Deputy Clerk.

PROPOSALS FOR PIER WORK

PIER WORK—Sealed proposals indorsed "Proposals for Extension of Pier No. 8" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 13, 1913, and then and there publicly opened for consideration of crescent pile and timber extension to Pier No. 8, at the navy yard, Puget Sound, Wash. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR MAGAZINE BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Magazine Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 20, 1913, and then and there publicly opened, for seven magazine buildings at the United States Naval station, Pearl Harbor, Hawaii. Estimated cost, \$125,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named, H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

Sealed bids will be received at the office of the Comptroller, University of California, Berkeley, Calif., at or before 10:00 a. m., Monday, September 15th, 1913, for excavating, laying tile, placing all boxes, etc., and back-filling of about 21,000 lineal feet of drainage ditches on the Keene Road near Fresno, California, as per specifications on file at said office.

No bids will be received unless accompanied by a certified check or bond in favor of the undersigned, equal to ten per cent. of the bid, to secure execution of contract by successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for One Set of Double Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 27, 1913, and then publicly opened, for one set of double quarters, marine barracks, naval station, Pearl Harbor, Hawaii. Amount available, \$17,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR HIGHWAY BRIDGE.

STEEL HIGHWAY BRIDGE—Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Highway Bridge Across the San Juan River, Navajo Indian Reservation, New Mexico," and addressed to the Commissioners of Indian Affairs, Washington, D. C., will be received at the Indian office until 2 o'clock p. m., September 15, 1913, for furnishing materials and labor for the erection of a steel highway bridge across the San Juan River, Navajo Indian Reservation, New Mexico, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the office of the supervisor of construction, Denver, Colo.; the U. S. Indian War Office at San Francisco, Cal., and at the San Juan School. For further information apply to the superintendent of the San Juan Indian School, Shiprock, New Mexico. CATO SELLS, commissioner.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Mine and Battery Streets, San Francisco.

cisco, California, at 11:30 A. M. Thursday, September 18, 1913, for plumbing, heating and ventilating, and electric wiring for the Exposition Auditorium, in accordance with the plans and specifications on file in the office of the Director of Works.

Separate bids will be received on Plumbing, Electric Wiring, and under Heating and Ventilating, for the system complete and for four divisions covering the following work: Direct Heating and Vacuum Pumps; Sheet Metal Work; Pumps, Motors and Air Heaters; Air Washers.

A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Plans dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, J. F. Dunn. The building will be erected on the north side of Pine street west of Leavenworth, covering an area of 25 by 120 feet. Interior has been arranged to contain 12 large suites of three and four rooms. Interior finish will be of pine with elm panels and some hardwood floors. All suites will be equipped with wall beds and private bath rooms. Plans provide for a central heating system and hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Marble will be used in the entrance vestibule. Plans are being prepared and will be ready for figures within a month.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner William Hencke. This building was mentioned here when the architects were first commissioned to prepare plans. The structure will be erected on Page street east of Fillmore, covering an area of 25x92 feet. There will be a total of six modern suites of two and three rooms with private baths and wall beds. Interior finish will be of pine with some elm panels. Plans provide for a central heating system and hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rous-

seau, Monadnock Bldg., S. F. Owner, Mr. Carnine. The house has been designed for a seven room dwelling and will be erected on Douglas street west of 17th street. Interior will be finished in pine with some hardwood floors and elm panels. There will be furnace heat and open fire place. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. This dwelling will be similar to a number of other houses erected by Mr. Nelson on property on California street west of 15th avenue. There will be six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with tile or brick mantel. Tile will be used in the bath and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

Residence—3 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, James T. Tobin, 18 Joice street, S. F. The dwelling will be erected on Joice street near Pine and will contain seven rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater

will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCE—2 story and base, frame and brick, \$12,000. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Abbott A. Hinks. This dwelling will be erected on Pacific avenue near Laurel and has been designed to contain 10 rooms, baths and sleeping porch. A garage will also be erected on the rear of the lot. Interior of the dwelling will be handsomely finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer. Plans are now being prepared.

RESIDENCE—2 story and base, brick, \$40,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Albert Herman. The dwelling will be erected on the 2800 block on Broadway, commanding an excellent view of the city and bay, and has been designed for a modern city home. There will be in the neighborhood of 14 rooms, several baths and sleeping porches. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. A central heating system, either hot water or steam, will be installed. Several of the rooms will have open fire places and tile or brick mantels. Bath rooms will be finished in tile with composition floors. Marble will also be used extensively. Exterior of the dwelling will be faced with pressed brick. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architect, W. L. Schmolle, Whittell Bldg., S. F. Owner, Mary A. Hume. The dwelling will be erected on the north side of Chestnut street near Hyde and will cover an area of 54x40 feet. There will be in the neighborhood of ten rooms and several baths. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of terra cotta tile. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,800. San Francisco. Architect, none. Owner, David Hoyle, 660 Market street. The dwelling has been designed for a six room house with bath, and will be erected on the west side of 25th avenue near Lincoln Way. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be

covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

BUNGALOWS—3, 1½ story and base, frame, \$2,500 each. San Francisco. Architect, Joseph M. Geary, 2581 Post street, S. F. Owner, J. H. Kruss. These houses will be erected on the south side of College avenue between 23rd and Shotwell streets. Each has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood floors. Open fire places will be used in the living rooms with brick mantels. Tile will be used in the baths and kitchens. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE, 3 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, K. Anderson, Hearst Bldg., S. F. The building will be erected on the north side of Highland avenue west of Holly Park, covering an area of 30x51 feet. Plans provide for a total of six suites of two, three and four rooms. Interior finish will be entirely of pine. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. A hot water system will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame, \$40,000. San Francisco. Architects, Dunn and Kearns, Monadnock Bldg., S. F. Owner, M. Byrne. The building will be erected on the west line of Webster street 102 feet south of Pacific covering an area of 46½ feet by 100 feet. The structure will contain twelve suites of two, three and four rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine, elm panels and hard wood floors. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Marble will be used in the entrance vestibule. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are being prepared.

CITY HALL—4 story and dome, Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the granite work on the new City Hall show McGivray-Raymond Granite Co. of this city low at \$991,313. Three other firms submitted figures one Los Angeles firm being included. The next lowest bid came from the Raymond Granite Co. at \$1,010,588. Bids were reported as being very satisfactory to the Board of Public Works and it is stated that the McGivray figures were some \$225,000 below the architects' estimate. A complete list of the bids appears under the heading of San Francisco in this issue.

FLATS—3 story and base, frame, \$6,500. San Francisco. Architect, none. Owner, William R. Dillon, 538

Haight street, S. F. The building will be erected on the south side of Page street east of Fillmore and will cover an area of 25x105 feet. Plans provide for three flats of five rooms and bath each. All interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in each of the living rooms with a brick or tile mantel. Bath rooms and kitchens will have tile wainscot. Marble will be used in the entrances. Exterior of the building will be covered with shiplap and cement plaster. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

FLATS—3 story and base, frame, cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Charles H. Sassasa. The building will be erected at 1915 Lake street and has been designed to contain four residential flats. Interiors will be handsomely finished in pine and redwood with some hard wood veneer and imported tapestry. Hardwood floors will be used throughout. Bath rooms will have composition floors and tile wainscot. There will be a large open fire place in each of the living rooms. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with shiplap, rustic and brick veneer. Plans are complete and figures are being taken.

GARAGE—1 story and base, brick and steel. Cost not stated. San Francisco. Architects, Miller and Combes, Lick Bldg., S. F. Owners, Cool Estate. This building will be erected at the corner of Steiner and Ellis streets and will cover a large area. There will be a concrete foundation, brick walls and steel roof trusses. Cement floor will be used. The building has been designed for a large commercial garage and will include besides the storage space an office and completely equipped machine shop. Special gasoline storage tanks and metal window frames and sash will be specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

GARAGE—1 story and base, reinforced concrete, \$20,000. San Francisco. Architect, Herman Barth, 12 Geary street, S. F. Owner, Dr. Martin Krotozyner. The building has been designed for a storage and automobile sales rooms, and will be erected at the southeast corner of Van Ness avenue and Pacific street. Interior of the front portion of the building will be handsomely finished in hardwoods, marble and tile. A cement floor will be used. Rear of the building will contain the repair shop and shipping rooms. Exterior will be faced with cement plaster. Metal window sash and frames are specified. Plans are being prepared.

SCIENCE MUSEUM—1½ story and base, Class A construction, \$120,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Golden Gate Park Trustees. Preliminary plans for this building, which is to occupy a prominent place in Golden Gate Park, have been approved by the Park Commissioners and working drawings are now being prepared. The building is designed in the classic style and will be absolutely fireproof throughout. There will be a complete

steel frame with stone and terra cotta facing. Interior finish will be of metal and stone with some hardwood. Floors will be of cement and tile. A steam heating system will be installed. Working drawings will be complete and bids will be called for this fall.

HOTEL—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, Arthur T. Ehrenfort, 251 Kearny street, S. F. Owner, Metta Hacke. The building will be erected at the southwest corner of Olive and Larkin streets on a lot 60x100 feet. First floor will contain three stores besides the hotel entrance. Upper floors have been divided into 60 guest rooms, all of which will have private baths. Several of the rooms will also be equipped with wall beds. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Contracts for the excavating and foundation work have been awarded. Other parts of the work are now being figured.

STORE ADDITION—1 story and base, brick and steel. Cost not stated. San Francisco. Architect, M. J. Lyon, Nevada Bank Bldg., S. F. Owner, Dr. Buckley. The building on the north line of Market street west of Marshall Square will be added to at a cost of approximately \$10,000. The addition will contain stores and storage space. Interior finish will be of pine throughout. Modern plumbing and electric work will be included. Exterior of the building will be faced with pressed brick. Plans are being prepared.

EXPOSITION AUDITORIUM—Class A construction, \$1,000,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for the plumbing, heating, ventilating and electric work on the Exposition Auditorium, which is to be erected in the Civic Center, have been completed. Bids will be opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. on September 18th. Separate bids will be received on the plumbing and electric work, and under heating, for the system complete, and for four divisions, covering the following work: Direct heating and vacuum pumps, sheet metal work, fans, motors and air heaters and air washers. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears under the heading of Official Advertising in this issue.

BUNGALOW—1 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, C. S. Allred, 129 (Monday) avenue, S. F. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place and brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shiplap and rustic. Plans are complete and work will be done by Day Labor.

NICKELODEON—1 story, frame. Cost not stated. San Francisco. Architects, Fabre and Bearwald, Merchants National Bank Bldg., S. F.

Owner, Mr. Louisson. The building will be erected in the Richmond District and will contain an auditorium seating 200 people. Interior finish will be of pine and ornamental plaster. There will be special electric work. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

EXHIBIT BUILDING—frame and

concrete construction, \$100,000. San Francisco. Architects, Righttelli and Headman, Phelan Bldg., S. F. Owners, Swiss Society. These architects have just received a commission to prepare plans for a large building which will be erected on the Exhibit Section of the Panama-Pacific International Exposition for the Swiss Society. Construction will be of frame and cement plaster.

Bids Opened For Granite Work On New City Hall Building.

Lowest of Four Bids Submitted by McGilvray-Raymond Granite Company and Are Reported as Being Most Satisfactory in Board of Works. Cost Nearly a Million, but Within Architects Estimates.

One Los Angeles Firm Submits Bid, but All Other Figures Come from Local Men. Prompt Action Promised on Awarding of Big Contract. Board of Works Also Open Bids for Removal of Safety Station.

Granite Work for City Hall.

Bids opened by the Board of Public Works for the granite work on the new City Hall show McGilvray-Raymond Granite Co. low on the main proposition at about \$991,313, the next lowest figure on the same proposition being submitted by the Raymond Granite Co. at \$1,010,588. Four firms bid on the work, one Los Angeles firm, L. Bly being represented. Mr. Bly bid only on the granite for the basement.

Figures submitted by the McGilvray-Raymond Granite Co. are stated to be very satisfactory to the Board of Public Works and are said to be below the estimate for this work prepared by the architects. No contract has been awarded, but action will probably be taken at the next meeting of the Board of Public Works.

Bids were opened at the same meeting for removing the Safety Station at the corner of Market and Stockton streets. J. P. M. Phillips submitted the lowest figures at \$995. A complete list of all bids received follows:

Prop.	L. B. Bly Los Angeles	McGilvray- Raymond Granite Co.	Raymond Granite Co.	Sound Const & Eng Co.
A	\$187,624	\$109,000	\$ 157,720	.....
B	643,785	1,010,588	.....
C	238,528	266,188	.....
D	752,785	1,168,308	.....
E	991,313	1,431,796	.....
B1	548,000	.....	\$753,714
B2	548,000	.....	753,714
B3	589,000	.....	.....
C1	177,896	.....	215,448
C2	177,896	.....	215,448
C3	191,679	.....	.....
F1	725,896	.....	769,162
F2	725,896	.....	769,162
F3	780,679	.....	.....
G	\$1.50	.75	\$1.00	.....
H75	1.50	.....

Removing Safety Station at Market and Stockton Streets.

J. P. M. Phillips.....	\$ 995
Church & Clark.....	1,074
Monson Bros.....	1,189

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.				
3073	Boyd Invest	.....Brandon	12880	3088	Robertson	.....Koenig	600
3074	Epstein	.....Yates	1800	3089	Brown	.....Baskin	400
3075	Hind Est.	.....Neal	1900	3090	Nicholaise	.....Nicholaise	400
3076	Hind Est.	.....Turner	3000	3091	Barbat	.....Callaghan	500
3077	Hind Est.	.....Capital	9238	3092	Princess	.....Novely	500
3078	Hind Est.	.....Felts	9420	31000	Kothe	.....Kothe	2500
3079	Hind Est.	.....Glasser	2890	3101	Mt. Zion	.....Eisenhart	500
3080	Hind Est.	.....Peterson	7306	3102	Bank Cal.	.....Eisenhart	500
3081	Hind Est.	.....Musto	4239	3103	Sullivan	.....Hagberg	400
3082	Corville	.....Brochhage	5372	3104	Wassermann	.....Mitchell	500
3083	Bedway	.....Sciocchetti	1100	3105	Bentley	.....Hann	1900
3084	1st Cong Ch.	.....Weber	5534	3106	Moffatt	.....Moffatt	5000
3085	Davis	.....Davis	400	3107	St. John	.....Gleibrist	1750
3086	McGrath	.....McGrath	100	3108	Corbin	.....Parry	1600
3087	Auerback	.....Auerback	650	3109	Rothchild	.....Peterson	1500

3110	Nelson	Nelson	2500
3111	Tobin	Tobin	3600
3112	Caru	Caru	1900
3113	Ford	Ford	3200
3114	McEllane	McCausland	6540
3115	Mertens	Mertens	12260
3116	Klinck	Klinck	1000
3117	Kekeli	Kekeli	400
3118	Washington	Emanuel	3200
3119	Norton	Bodine	400
3120	Moni	Moni	1090
3121	Landean	Landean	1000
3122	Houle	Houle	2800
3123	Anderson	Anderson	6000
3124	Livemore	Marcessen	25248
3125	Rossi	Williams	5550
3126	Scapareno	Legrand	6670
3127	Krotoszyner	Hicks	959
3128	Krotoszyner	McClenahan	14844
3129	Blackman	Kress	7750
3130	Blackman	Bosens	1450
3131	Blackman	Miller	600
3132	Blackman	Atlas Heating	490
3133	Blackman	Elec. Motor	358
3134	Hind	Moore	5000
3135	Hind	Withington	1060
3136	Collins	Neenan	1607
3137	Busch	New Era	2100
3138	P. P. I. E.	Monk	8015
3139	Klatt	Lamster	2100
3140	Weber	Cunee	975
3141	Conti	De Benedetti	8500

Correction in contractor's name.
 (3075) N CALIFORNIA, 77-6 W Front, N 60-8½x E 127-6. All work of painting, staining and white washing for a six-story and basement building.
 Owner.....The Hind Estate Co., 310 California, S. F.
 Architect.....John Reid, Jr., Chronicle Bldg., S. F.
 Contractor.....L. J. Neal, 461 Hayes St., San Francisco.
 Filed Aug. 25, '13. Dated Aug. 16, '13.
 On 15th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$1900
 Bond, \$950. Sureties, Pacific Coast Casualty Co. Forfeit, \$10. Limit, 10 days after woodwork in. Plans and specifications filed.

(3072) N HOWARD, 375 E 5th St., N 80, W 100, N 80, E 125, S 160, W 25. All work of excavation, brick, concrete, bitumen, iron, etc., for two-story class C brick loft building.
 Owner.....Royal Investment Co.
 Architect.....O'Brien Bros., Inc., Clunie Bldg., S. F.
 Contractor.....Brandon & Lawson, 180 Jessie St., S. F.
 Filed Aug. 25, '13. Dated Aug. 21, '13.
 Brick scaffold around bldg. \$3220
 Brick work ready for roof rafters 3220
 Completed and accepted 3220
 Usual 35 days 3220
TOTAL COST, \$12,880
 Bond, \$6440. Sureties, Aetna Accident and Liability Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

(3073) SE MISSION, 153-7 SW Fair Ave., SW 25xSE 75. Ptn Pt. lot 300. All work for two-story frame residence.
 Owner.....Louis and Gittel Epstein, 3176½ Mission.
 Architect.....None.
 Contractor.....Wm. F. Yates, Lick Bldg., San Francisco.
 Filed Aug. 25, '13. Dated Aug. 25, '13.
 Five days after completion....\$600
 Remainder in monthly installments of 35
 Owner to deed center lot on S Clementina, 481-3 SW 4th, SW 45-10x SE 80, subject to mortgage of \$2,000 and pay in cash \$1800.
 Bond, Sureties, none. Forfeit, \$15. Limit, 90 days. Plans and specifications filed.
 Note: Plans prepared by Martin A. Schmidler, Lick Bldg.

(3076) N CALIFORNIA, 77-6 W Front, N 60-8½x E 127-6. All work for electrical work for six-story and basement building.
 Owner.....The Hind Estate Co., 310 California, S. F.
 Architect.....John Reid, Jr., Chronicle Bldg., S. F.
 Contractor.....The Turner Co., 278 Natoma, San Francisco.
 Filed Aug. 25, '13. Dated Aug. 14, '13.
 On 15th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$3000
 Bond, \$1500. Sureties, Fidelity and Deposit Co. of Maryland. Forfeit, \$10. Limit, 5 days after painting done. Plans and specifications filed.

(3077) ALL WORK FOR METAL windows and sheet metal work on above.
 Contractor.....The Capitol Sheet Metal Works, 1927 Market, S. F.
 Filed Aug. 25, '13. Dated Aug. 14, '13.
 Payments same as above.
TOTAL COST, \$9238
 Bond, \$4619. Sureties, Southwestern Surety Ins. Co. Forfeit, \$10. Limit, 20 days after frame on California street ready for same. Plans and specifications filed.

(3078) ALL WORK FOR LATH AND plaster on above.
 Contractor.....R. D. Felt.
 Filed Aug. 25, '13. Dated Aug. 14, '13.
 Payments same as above.
TOTAL COST, \$9420
 Bond, \$4710. Sureties, Aetna Accident and Liability Co. Forfeit, \$10. Limit, 30 days after sixth floor ready for lathing. Plans and specifications filed.

(3079) ALL WORK FOR ORNAMENTAL iron work except fire escapes on above.
 Contractor.....Glasser & Kloeres, 67 Clementina, S. F.
 Filed Aug. 25, '13. Dated Aug. 14, '13.
 Payments same as above.
TOTAL COST, \$2890
 Bond, \$1445. Sureties, United States Fidelity and Guaranty Co. Forfeit, \$10. Limit, 15 days after building ready for elevator fronts. Plans and specifications filed.

(3080) ALL WORK FOR PLUMBING and plumbing fixtures, gas piping, house pump, etc, heating system and vacuum sweeping piping on above.
 Contractor.....Petersen-James Co, 710 Larkin, S. F.
 Filed Aug. 25, '13. Dated Aug. 14, '13.
 Payments same as above.
TOTAL COST, \$7306
 Bond, \$3650. Sureties, Charles Lauffer and E. W. Morris. Forfeit, \$10. Limit, 20 days after building ready for installing fixtures. Plans and specifications filed.

(3081) ALL WORK FOR MARBLE work on above.
 Contractor.....Joseph Musto Sons-Kecnan Co., 565 North Point, San Francisco.
 Filed Aug. 25, '13. Dated Aug. 20, '13.
 Payments same as above.
TOTAL COST, \$4239
 Bond, Sureties, none. Forfeit, \$120. Limit, 30 days after rough plaster done. Plans and specifications filed.

(3082) W DIAMOND, 211 N 19th, W 125xS 51. All work for two-story dwelling.
 Owner.....Maria Corville, 124 Diamond, S. F.
 Architect.....None.
 Contractor.....Brockhage, Foley & Green, 1326 Natoma, S. F.
 Filed Aug. 25, '13. Dated Aug. 22, '13.
 Ready for plastering \$1343
 Plastering completed 1343
 Completed and accepted 1343
 Usual 35 days 1343
TOTAL COST, \$5372
 Bond, \$2685. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, none. Limit, 90 days from recording. Plans and specifications filed.

(3083) SE JAMESTOWN (34th Ave.) and Jennings, 50x100. All work except foundations, painting, plumbing, window shades and gas fixtures for one-story and basement frame bldg.
 Owner.....Solomon Bedway and A. Solomon Bedway (wife).
 Architect.....None.
 Contractor.....T. Selocchetti, 3315 Jennings, S. F.
 Filed Aug. 25, '13. Dated Aug. 21, '13.
 Frame up \$275
 Brown coated 275
 Completed and accepted 275
 Usual 35 days 275
TOTAL COST, \$1100
 Bond, Sureties, Forfeit, none. Limit, 90 days from Aug. 25, 1913. Plans and specifications filed.
 Note: Specifications read Mrs. Anna Solomon.

(3084) SE POST & MASON, E 110xS 137-6. All work for removal of pews and providing and placing in church new pews required in church bldg.
 Owner.....First Congregational Society of San Francisco.
 Architect.....Reid Bros., Cal. Pacific Bldg., S. F.
 Contractor.....C. F. Weber & Co., 365 Market, S. F.
 Filed Aug. 25, '13. Dated Aug. 22, '13.
 On completion and acceptance....75%
 Usual 35 days 25%
TOTAL COST, \$5594
 Bond, \$3000. Sureties, The Fidelity and Deposit Co. of Maryland. Forfeit \$25. Limit, July 15, 1914. Plans and specifications filed.
 Note: Contractor also to receive old pews and 15 cents for each wood numeral furnished.

(3085) NO 1553 REVERE AVE. Add one room; toilet, bath and hall.
 Owner.....O. J. Davis, Premises.
 Architect.....None.
 Day's work. COST, \$400

(3086) W 2RD, 75 N Natoma. Alter front.
 Owner.....Ed. McGrath, 152 3rd St., San Francisco.
 Architect.....Helman & Schwartz, Nevada Bank Bldg., S. F.
 Day's work. COST, \$400

(3087) SE 2ND & FEDERAL. Cement fronts.
 Owner.....Mr. Auerback, 247 Montgomery, S. F.
 Architect.....None.
 Day's work COST, \$650

(3088) W BARTLETT, 120 S 24th. General repairs to dwelling.
 Owner.....J. A. Robertson, Edendale.
 Architect.....None.
 Contractor.....Chas. J. U. Koenig, 520 Church, S. F.
 COST, \$600

(3089) NO. 60 COLLEGE AVE. Remove and replace new front.
Owner.....James Brown.
Architect....None.
Contractor..Baskin Bros., Oakland, Cal.
COST, \$400

(3090) NOS. 181-83 PARKER AVE. Repair and alter hat.
Owner.....Julius Nicolaise, 173 23rd Ave., S. F.
Architect....None.
Day's work. COST, \$400

(3091) NO. 3970 CLAY ST., Repair roof, alter garage.
Owner.....Dr. H. Barbat, 1458 Sutter, San Francisco.
Architect....None.
Contractor..Callaghan Bros., 900 Clayton, San Francisco.
COST, \$500

(3092) S ELLIS between Fillmore and Steiner. Electric sign.
Owner.....Princess Theatre, Prem.
Architect....None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, S. F.
COST, \$500

(3093) SW 21ST & HARRISON. Sheet metal work and kalamine work and fire doors, etc., for a five-story and basement class B factory bldg.
Owner.....Ford Motor Car Co. by the Clinton Fireproofing Co.
Architect....John Graham, 100 Van Ness Ave., S. F.
Contractor..Capitol Sheet Metal Wks., 1927 Market, S. F.
Filed Aug. 26, '13. Dated Aug. 13, '13.
On 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$1832
Bond, Sureties, Forfeit, none. Limit, as quickly as possible. No plans or specifications filed.

(3094) CERAMIC & WHITE GLAZED tile on above.
Contractor..Mangrum & Otter, 561 Mission, S. F.
Filed Aug. 26, '13. Dated Aug. 13, '13.
Payments same as above.
TOTAL COST, \$1987.50
Bond, Sureties, Forfeit, none. Limit, as quickly as possible. No plans or specifications filed.

(3095) MILL WORK on above.
Contractor..Pacific Manufacturing Co., 177 Stevenson, S. F.
Filed Aug. 26, '13. Dated Aug. 13, '13.
Payments same as above.
TOTAL COST, \$1225
Bond, Sureties, Forfeit, none. Limit, 5 weeks. No plans or specifications filed.

(3096) MARBLE WORK on above.
Contractor..Vermont Marble Co., 244 Brannan, S. F.
Filed Aug. 26, '13. Dated Aug. 23, '13.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$2250
Bond, Sureties, Forfeit, none. Limit, Sept. 3, '13. No plans or specifications filed.

(3097) 440 NATOMA, between 5th and 6th. All work except plumbing, gas fitting, furnishing finish hardware, gas and electric fixtures, elevator and dumb waiter, and cold room in

basement for two additional stories for a class C building.
Owner.....Foster & Orear Co., Prem.
Architect....Alfred H. Jacobs, 110 Sutter, S. F.
Contractor..McGowan & Butler, 150 Jessie, S. F.
Filed Aug. 26, '13. Dated Aug. 19, '13.
Brick wall up, windows in and glazed and roof on.....\$1000.00
Completed 4170.50
Usual 35 days 1723.50
TOTAL COST, \$6894
Bond, \$3447. Sureties, The Aetna Accident and Liability Co. Forfeit, \$5. Limit, Oct. 20, '13. Plans and specifications filed.

(3098) W STOCKTON, 235-6 N Sutter, the —60xS 38-6. Excavation and grading for lot.
Owner.....Dudley F., Eliza J., Harry K., and Geo. Fish, 205 California, S. F.
Engineer....Leland S. Rosener, Merchants' Ex. Bldg., S. F.
Contractor..Jacobsen-Bade Co. and K. G. Lundstrom.
Filed Aug. 26, '13. Dated Aug. 21, '13.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$2 per cubic yard.
Bond, Sureties, Forfeit, none. Limit, 30 days. No plans or specifications filed.

(3099) NW NOREIGA & Great Highway, E 192-S, N 100, W 100, S 50, W 95-2½, S 50-0¼. Interior and exterior plaster and ornamental work for residence.
Owner.....G. P. Spotorno, California Market, S. F.
Architect....O. R. Thayer, Merchants' National Bank Bldg., S. F.
Contractor..E. M. Charruan.
Filed Aug. 26, '13. Dated Aug. 20, '13.
All lath on interior \$325
First coat of plaster on interior and exterior 335
All work finished 335
Usual 35 days 335
TOTAL COST, \$1665
Bond, Sureties, Forfeit, none. Limit, 35 days. Specifications only filed.

(3100) E 23RD AVE., 90 N Vincente. Two-story and basement frame residence.
Owner.....J. E. Kothe, 2578 23rd Ave., S. F.
Architect....None.
Day's work. COST, \$2500

(3101) POST near Scott. Erect garb- and and refuse incinerator.
Owner.....Mt. Zion Hospital Association, S. F.
Architect....E. Kraft & Sons, 921 Phelan Bldg., S. F.
Contractor..John H. Elsenhart, 921 Phelan Bldg., S. F.
COST, \$500

(3102) SANSOME & CALIFORNIA. Erect incinerator.
Owner.....Bank of California, Prem.
Architect....Bliss & Faville, Balboa Bldg., S. F.
Contractor..John Elsenhart, 921 Phelan Bldg., S. F.
COST, \$500

(3102) NO. 18 SANSOME ST. Erect brick wall for vault.
Owner.....Sullivan Estate, Prem.
Architect....None.

Contractor..Hogberg & Ludwig, Builders' Exchange, S. F.
COST, \$400

(3104) NE 24TH & POTRERO. Lower present building, change front and rat proof.
Owner.....H. Wassermann, 3802 E 14th St., Oakland.
Architect....None.
Contractor..Thos. F. Mitchell, 1370 Utah, S. F.
COST, \$500

(3105) S GREEN, 110 W Scott. Change basement for garage.
Owner.....R. Q. Bentley, 2505 Green, San Francisco.
Architect....None.
Contractor..C. C. W. Haun, 980 Jessie, San Francisco.
COST, \$500

(3106) S GREEN, 137-6 W Divisadero. Three-story and basement frame residence.
Owner.....Eugene Moffat Investment Co., 525 California, San Francisco.
Architect....H. E. Moffat, Mill Valley, California.
Contractor..H. E. Moffat, Mill Valley, California.
COST, \$5000

(3107) SW 1ST & LAKE (rear). One-story frame school.
Owner.....St. John's Presbyterian Church, Premises.
Architect....A. Wagstaff, 110A, 12th Ave., S. F.
Contractor..Jas. Gilchrist, 124 21st Ave., S. F.
COST, \$1750

(3108) W MADRID, 225 S Russia. One-story and basement frame residence.
Owner.....W. Corbin, 222 Raymond Ave., S. F.
Architect....None.
Contractor..T. H. Parry, 222 Raymond Ave., S. F.
COST, \$1600

(3109) NE BUCHANAN & OFARRELL. Cement yard, bulkhead and steps, install new drain, change front, concrete foundation and general repairing.
Owner.....James Rotchild, 1101 Chronicle Bldg., S. F.
Architect....None.
Contractor..Pettersson & Persson, 62 Post, S. F.
COST, \$1500

(3110) N CALIFORNIA, 115 W 15th Ave. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, S. F.
Architect....None.
Day's work. COST, \$2500

(3111) E JOICE, 79-6 N Pine. Three-story and basement frame residence.
Owner.....Jas. J. Tobin, 18 Joice, San Francisco.
Architect....None.
Day's work. COST, \$3600

(3112) E LEVANT, between Juno and States. Two-story and basement frame dwelling.
Owner.....B. Caru, 49 Chula Lane, San Francisco.
Architect....None.
Day's work. COST, \$900

Wednesday, Sept. 3 1913.

(3113) NW NATOMA, 95 NE 2nd, NW 75xNE 20-5½. All work for one-story brick horse-shoeing shop.

Owner.....Thos. Ford, 76 Natoma, San Francisco.

Architect....Welch & Carey, Merchants' Nat. Bank Bldg., San Francisco.

Contractor...Mulcahy Bros., 180 Jessie, San Francisco.

Filed Aug. 27, '13. Dated Aug. 23, '13.

Ready for roofing\$1500

Completed and accepted 975

Usual 35 days 825

TOTAL COST, \$3300

Bond, \$1650. Sureties, The Title Guaranty & Surety Co. Forfeit, \$10. Limit, 40 days. Plans and specifications filed.

(3114) W LYON, 87-6 S Sutter, 25x 120. All work for a three-story and basement frame bldg (flat and apartments.)

Owner.....Bridget McErlane, 1415 Lyon, S. F.

Architect....None.

Contractor...Geo. V. McCausland, 4173 23rd, S. F.

Filed Aug. 27, '13. Dated Aug. 21, '13.

Frame up and roof rafters in place\$1660

Brown coated and rough plumbing in 1660

Completed and accepted 1660

Usual 35 days 1660

TOTAL COST, \$6640

Bond, \$3320. Sureties, S. A. Hoadley and F. A. McCausland. Forfeit, none. Limit, 75 days after Aug. 25. Plans and specifications filed.

(3115) S FULTON, 82-6 E Gough, 27-6x131-3. All work for a three-story and basement frame apartment house.

Owner.....Ferdinand and Louisa Mertens.

Architect....Arthur G. Scholz, Phelan Bldg., S. F.

Contractor...Ratto & Giannini, 232 Hartford, S. F.

Filed Aug. 27, '13. Dated Aug. 26, '13.

Enclosed except roof\$3065

Roof covered and 1st coat plaster on 3065

Completed and accepted 3065

Usual 35 days 3065

TOTAL COST, \$12,260

Bond, \$6130. Sureties, Louis S. Haas and Dave Ratto. Forfeit, \$10. Limit, Nov. 25, 1913. Plans and specifications filed.

(3116) SE GREENWICH & SCOTT. Raise roof and repair rooms.

Owner.....E. H. Klinker, Premises.

Architect....None.

Contractor...M. M. Finlayson, 110 Jessie, S. F.

COST, \$1000

(3117) NO. 1615A POST. Extend front; minor repairs.

Owner.....A. Kekehi, Premises.

Architect....None.

Contractor...Y. Ishii, 1675 Post, San Francisco.

COST, \$400

(3118) SE BUSH & GRANT AVE. Change store to lobby.

Owner.....Washington Hotel Co., Bush and Grant Ave., S. F.

Architect....Fred Meyer, Bankers Investment Bldg., S. F.

Contractor...L. E. Emanuel, Inc., 144 12th St., S. F.

COST, \$600

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(3119) W 9TH AVE., 150 S Lincoln Way. One-story frame store room.

Owner.....P. J. Morton, 1229 9th Ave., San Francisco.

Architect....None.

Contractor...Bodine & Norman, 1021 Irving, S. F.

COST, \$400

(3120) N GREENWICH, 99 E Fillmore. Raise, alter and repair store.

Owner.....A. Moni, 1531 Fillmore, San Francisco.

Architect....None.

Contractor...P. Lombardi, 2109 17th, San Francisco.

COST, \$1090

(3121) SW KEARNY & JACKSON. Repair saloon.

Owner.....Chas. Landean, 861 Kearny, S. F.

Architect....A. J. Barnett, 583 California, S. F.

Day's work. COST, \$1000

(3122) W 25TH AVE., 150 S Lincoln Way. Two-story (6-room) frame dwelling.

Owner.....David Houle, 660 Market, San Francisco.

Architect....None.

Day's work. COST, \$2800

(3123) N HIGHLAND AVE., 113 W Holly Park. Three-story and basement frame (6) apartments (31x51.)

Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect....None.

Contractor...K. Anderson, 317 Hearst Bldg., San Francisco.

COST, \$6000

(3124) E JONES, 77-6 N Broadway, E 67-6, S 7-6, E 50, N 67-6, W 117-6, S 60. All work for masonry, plastering, carpentry, sheet metal, painting, electrical heating and plumbing for four frame dwelling houses.

Owner.....Horatio P. Livermore, Vallejo and Florence, S. F.

Architect....Charles F. Whittlesey, 55 Clayton, S. F.

Contractor...Marcus Marcussen, 19 Devisadero, S. F.

Filed Aug. 28, '13. Dated Aug. 19, '13.

30 days after commencement...\$1500

60 days after commencement... 1500

90 days after commencement... 9000

On completion 6000

Balance 35 days after TOTAL COST, \$25,248

Bond, \$12,624. Sureties, Fred Linderman and Mitchell Thompson. Forfeit, \$15. Limit, Dec. 30, '13. Plans and specifications filed.

(3125) N UNION 96-9 E Scott, E 30x N 137-6. All work except painting, plumbing, electrical work, shades, finish hardware, electric and gas fixtures for alterations and addition to building (residence.)

Owner.....Angelo J. Rossi, 123 Kearny, S. F.

Architect....Righetti & Headman, Phelan Bldg., S. F.

Contractor...Howard S. Williams, Hearst Bldg., S. F.

Filed Aug. 28, '13. Dated Aug. 26, '13.

Present structure raised and partitions set\$1040.60

White coated 1040.70

Inside finish completed 1040.60

Completed and accepted 1040.60

Usual 35 days 1387.50

.... TOTAL COST, \$5550

Bond, \$2775. Sureties, National Surety Co. Forfeit, \$10. Limit 70 days; Plans and specifications filed.

(3126) NW JONES & VALLEJO, 27-6 on Jones and 70 on Vallejo. All work for a two-story and basement frame building (flats.)

Owner.....Dr. E. G. Scaparoni, 4 Columbus Ave., S. F.

Architect....Louis Mastropasqua, 580 Washington, S. F.

Contractor...J. Del Favero and A. Le-grand, 1839 Mason, S. F.

Filed Aug. 28, '13. Dated Aug. 27, '13.

Roof on\$1667.50

Brown coated 1667.50

Completed and accepted 1667.50

Usual 35 days 1667.50

.. TOTAL COST, \$6670

Bond, \$3335. Sureties, G. Cuneo and N. Capurro. Forfeit, none. Limit, 90 days. Plans and specifications filed.

(3127) SE VAN NESS & PACIFIC AV. 102-8½x E 100. All electric work for one story brick building, garage and show rooms.

Owner.....M. Krotoszyner, 997 Sutter, S. F.

Architect....Herman Barth, 12 Geary, San Francisco.

Contractor...Hicks & Folte, 320 Market, S. F.

Filed Aug. 28, '13. Dated Aug. 27, '13.

Roughed in\$363

Completed and accepted 363

Usual 35 days 243

TOTAL COST, \$969

Bond, Sureties, none. Forfeit, \$5. Limit, without delay. Plans and specifications filed.

(3128) ALL WORK EXCEPT ELECTRICAL work and heating on above.

Contractor...T. W. McClenahan & Co., 323 16th Ave., S. F.

Filed Aug. 28, '13. Dated Aug. 22, '13.

Brick work done and roof trusses in and roof sheathed \$5500

Completed and accepted 5633

Usual 35 days 3711

TOTAL COST, \$14,844

Bond, \$7500. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, \$15. Limit, 55 days. Plans and specifications filed.

(3129) N SACRAMENTO, 167-6 E Polk, E 30xN 127-8½. Carpenter work, etc., for a three-story and basement frame apartment building.

Owner.....Ella Blackman, 1087 Valencia, S. F.

Architect....Alber Schroeffer, 68 Post, San Francisco.

Contractor...S. B. Kress, 2039 Green, San Francisco.

Filed Aug. 28, '13. Dated Aug. 28, '13.

Frame up\$2000

Brown coated 2000

Completed and accepted 2560

Usual 35 days 2190

TOTAL COST, \$8750

Bond, \$4200. Sureties, Theo. Binner and Fred Koldenstroolt. Forfeit, none. Limit, 100 days. Plans and specifications filed.

(3130) PLUMBING, GAS, WATER & sewer work on above.

Contractor...Boevis Bros, 957 Howard, San Francisco.

Filed Aug. 28, '13. Dated Aug. 28, '13.

Roughed in\$555

Completed and accepted 500

Usual 35 days 365
TOTAL COST, \$1450
 Bond, \$725. Sureties, Frank A. Hicks
 and A. Hermann. Forfeit, none. Limit,
 100 days. Plans and specifications
 filed.

(3131) PAINTING, VARNISH, PA-
 pering, etc., on above.

Contractor...J. A. Miller, 1113 Scott, San
 Francisco.

Filed Aug. 28, '13. Dated Aug. 28, '13.
 Interior and exterior 2nd coated. \$200
 Completed and accepted 250
 Usual 35 days 150
TOTAL COST, \$600

Bond, Sureties, Forfeit, none. Limit,
 100 days. Plans and specifications filed.

(3132) HOT WATER HEATING SYS-
 tem on above.

Contractor...Atlas Heating and Venti-
 lating Co., 4th and Free-
 son, S. F.

Filed Aug. 28, '13. Dated Aug. 28, '13.
 Piping roughed in \$170
 Completed and accepted 200
 Usual 35 days 125
TOTAL COST, \$490

Bond, Sureties, Forfeit, none. Limit,
 100 days. Plans and specifications filed.

(3133) ELECTRICAL WORK on
 above.

Contractor...Electric Motor and Ma-
 chine Co., 150 Union Square
 Ave., S. F.

Filed Aug. 28, '13. Dated Aug. 28, '13.
 Roughed in \$168
 Completed and accepted 100
 Usual 35 days 90
TOTAL COST, \$358

Bond, Sureties, Forfeit, none. Limit,
 100 days. Plans and specifications filed.

(3124) N CALIFORNIA, 77-6 W Front,
 W 66-8½xN 127-6. All mill work
 carpentry, hardware and glazing for
 six story and basement building.

Owner...The Hind Estate Co., 310
 California, S. F.
 Architect...John Reid, Jr., 310 Cal-
 ifornia, S. F.

Contractor...R. B. Moore Mill & Lum-
 ber Co., 687 Bryant, S. F.

Filed Aug. 29, '13. Dated Aug. 14, '13.
 On 15th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$5000

Bond, \$2500. Sureties, Fidelity & De-
 posit Co. of Maryland. Forfeit, \$10.
 Limit 7 days after notification. Plans
 and specifications filed.

(3125) FIRE ESCAPES on above.

Contractor...C. W. Withington, 416
 2nd, S. F.

Filed Aug. 29, '13. Dated Aug. 27, '13
 Payments same as above.

TOTAL COST, \$1059
 Bond, Sureties, none. Forfeit, \$10.
 Limit, 16 days after work done.
 No plans or specifications filed

(3136) S RICHLAND AVE., 306 W
 Mission. All work except mill work,
 lumber and glass for two-story and
 basement frame residence.

Owner...C. L. Collins, 2819 23rd,
 San Francisco

Agent...Jos. M. Geary.
 Contractor...Jacob F. Nielsen, 2536
 Bryant, S. F.

Filed Aug. 29, '13. Dated Aug. 5, '13.
 Rough frame up ¼
 Rough plaster on ¼
 Completed and accepted ¼

Usual 35 days ¼

TOTAL COST, \$1607
 Bond, Sureties, Forfeit, none. Limit,
 75 days from Aug. 11, 1913. Plans and
 specifications filed.

(3137) NW 27TH & CASTRO, N 31-6x
 W 100. All work for a one-story
 and basement frame residence.

Owner...Andrew D. and Gertrude
 Busch, 325 Clipper, S. F.

Architect...None.

Contractor...New Era Building Co.

Filed Aug. 29, '13. Dated Aug. 23, '13.

Rough frame up and roof,
 sheathing on \$525
 1st coat of plaster on 525
 Completed and accepted 525
 Usual 35 days 525
TOTAL COST, \$2100

Bond, Sureties, Forfeit, Limit, none.
 Plans and specifications filed.

(3138) EXPOSITION SITE. All work
 for warehouses Nos. 3 and 4.

Owner...Panama-Pacific Interna-
 tional Exposition Co, Ser-
 vice Bldg., S. F.

Architect...None.

Contractor...J. Monk, Monadnock Bldg.,
 San Francisco.

Filed Aug. 29, '13. Dated Aug. 25, '13.

As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$8015

Bond, \$4500. Sureties, United States
 Fidelity and Guaranty Co. Forfeit,
 \$50. Limit 30 days after notification.
 Plans and specifications filed.

(3139) W 9TH AVE., 150 S Judah, No.
 1427 9th Ave. All work for altera-
 tions and additions for a two-story
 frame store and flats.

Owner...Gottfried Klatt, 1427 9th
 Ave., S. F.

Architect...L. M. Weismann & Son,
 Pacific, S. F.

Contractor...Lamsar & Piske.

Filed Aug. 29, '13. Dated Aug. 28, '13.

House raised and frame up...\$525

Brown coated 525

Completed and accepted 525

Usual 35 days 525
TOTAL COST, \$2160

Bond, Sureties, Forfeit, Limit, none.
 Plans and specifications filed.

LIENS of

Aug. 30, 1913—W GRANT AVE., 97-6
 N Pacific, N 40xW 72. Hauptman

Lumber Co., \$987.61; Stanquist &
 Taylor, \$141.36 vs. Geo. W. Baxter

and Lucie Marchebout

(3140) S CHENERY, LOT 19, BLK 16,
 Fairmount Tract. Lumber, mill

work, rough hardware for a one-
 story frame cottage.

Owner...Marie Weber.

Architect...Arthur S. Scholz, Phelan
 Bldg., S. F.

Contractor...John Cuneo, 263 Capp St.,
 San Francisco.

Filed Aug. 30, '13. Dated Aug. 28, '13.

Brown coated \$325

Completed 325

15 days after 325
TOTAL COST, \$975

Bond, \$975. Sureties, Jos. Cuneo. For-
 feit, Limit, none. No plans or speci-
 fications filed.

(3141) E MASON, 53-6 S Broadway, S
 30x E 68-9. All work except fire es-
 capes for a three-story and basement

frame building (flats).
 Owner...Antonio Conti 886 Broad-
 way, S. F.

Architect...Chas Fantoni, 916 Kearny,
 San Francisco.

Contractor...A. De Benedetti and G.

Cuneo, 20 Cotter, S. F.

Filed Aug. 30, '13. Dated Aug. 30, '13.

Building roofed \$1886

Brown coated 1887

Completed and accepted 1887

Usual 35 days 2840
TOTAL COST, \$8500

Bond, \$4250. Sureties, The Title Guar-
 anty and Surety Co. Forfeit, \$5. Lim-
 it, 75 days after Sept. 2, '13. Plans
 and specifications filed.

**CANCELLATION OF BUILDING CON-
 TRACT.**

Aug. 28, 1913—S WASHINGTON, 98-9
 W Front, W 30xS 120. Bianchi

Poultry and Produce Co, owners;
 F. Rolandi, contractor; cancelling
 contract dated June 28, 1913,.....
Cancelled Aug. 26, 1913

COMPLETION NOTICES.

San Francisco.

Aug. 16, 1913—NE CLEMENTINA &
 Third S 30x E 80. Walter H Sul-
 livan to Jno G Sutton Co., Aug. 4, '13

Aug. 16, 1913—N BROADWAY 65 W
 Broderick W 60xN 137-6. Samuel
 H Boardman to Stockholm & Allyn
Aug. 12, 1913

Aug. 16, 1913—SW GUERRERO &
 28th 26x70. Geo A and Edith K
 Maslahinich to Geo V McCashland
Aug. 15, 1913

Aug. 16, 1913—SE LONDON 275 S
 Excelsior Ave SW 25x100. Edward
 C and Marguerite Froeschle to
 whom it may concern...Aug. 15, 1913

Aug. 16, 1913—S SUTTER 62-6 E
 Hyde E 25xS 87-6. D M Richards
 Realty Co to John G Sutton Co,
 Aug. 7; General Eng Co, Aug. 12;
 J B Kette.....Aug. 8, 1913

Aug. 18, 1913—N VALLEJO, 99 W
 Laguna, W 106xN 137-6. Mrs. Alma
 Spreckels to E. K. Pearson.....
Aug. 4, 1913

Aug. 18, 1913—N 4TH AND JESSIE,
 NE 81-9xNW 155. Investors' Rea-
 lty Co. to Ward & Goodwin.....
Aug. 16, 1913

Aug. 18, 1913—SE ELLIS AND JONES
 53 on EllisxS 7-6 on Jones. The
 Board Realty Co. to Brandt & Stev-
 ens.....Aug. 14, 1913

Aug. 18, 1913—NW KING, 220-9 SW
 2nd, SW 120xNW 130. Warehouse
 Investment Co. to Anderson &
 Rainey.....Aug. 9, 1913

Aug. 18, 1913—N AMAZON AVE., 50-
 1½ W London, W 50-1½, N 100, E
 50 S 100, more or less. Amedeo
 Maschio and Santo Bottini to Jo-
 seph Perasso and Gaetano More-
 tonAug. 15, 1913

Aug. 19, 1913—E 13TH AVE, 125 N
 "K" or Kirkham. John Bjorkman
 and Oscar Swanson to whom it
 may concern.....Aug. 18, 1913

Aug. 19, 1913—N GEARY, 70 E 20th
 Ave., 120 N Geary, 25x120. J. C.
 Thomas to whom it may concern
Aug. 1, 1913.

Aug. 19, 1913—SE MARKET AND
 ECKER. Crocker Estate Co. to
 W. P. Fuller & Co.....Aug. 15, 1913

Aug. 19, 1913—LOTS 240 and 241
 Spring Valley Homestead Associa-
 tion, No. 107 Springdale St. Louis
 C. Fontanier to Jacques Narbe-
 Aug. 20, 1913—N BROADWAY, 68-9
 W Webster, W 148-9xN 275. James



MODERN HOTEL FOR BOARD REALTY CO.
San Francisco

Smith & Stewart, Architects
San Francisco



NEW CATHOLIC CHURCH EDIFICE
Modesto, Cal.

John F. Foley, Architect
San Francisco



L. Flood to Clinton Fireproofing Co.Aug. 15, 1913
 Aug. 20, 1913—N BROADWAY, 65-9
 W Webster, W 148-8xN 275. James
 L. Flood to Clinton Fireproofing Co.Aug. 15, 1913
 Aug. 20, 1913—SE 19TH and Valen-
 cia, E 80xS 60, M B 67. Claude E.
 and Kenneth Gillis to whom it
 may concernAug. 15, 1913
 Aug. 20, 1913—SW GRANT AVE. and
 Harlan Place. O. D. Baldwin to
 James Brennan, Aug. 16, 1913; and
 C. C. W. HaunAug. 16, 1913
 Aug. 20, 1913—NE CORTLAND and
 Andover Aves., E 48-1½, N 81-3,
 W 48, S 78-6½, lots 208, 209, ptn
 210, Gift Map 1. Emelle Tisne to
 Frank SchmidtAug. 16, 1913
 Aug. 20, 1913—SE CALIFORNIA and
 Leidesdorff, fronting N on Califor-
 nia and at rear end 107-6, extend-
 ing on east and west sides 137-6.
 The Insurance Exchange, Inc., to
 C. C. MorehouseAug. 16, 1913
 Aug. 20, 1913—LOT 1, block 29,
 Crocker Amazon Tract, SE Munich
 and Drake, Arthur G. Duncan to
 L. L. AllenAug. 20, 1913
 Aug. 20, 1913—LOT 1, block 30,
 Crocker Amazon Tract, SE Naples
 and Munich, Arthur G. Duncan to
 L. L. AllenAug. 20, 1913
 Aug. 20, 1913—SE MARKET and
 Ecker. Crocker Estate Co. to Cal-
 ifornia Construction Co., Aug. 19, 1913
 Aug. 20, 1913—N GREEN, 164-6 W
 Pierce, W 26-1½x N 127. Peter
 Canbu to Henry Conrad, Aug. 12, 1913
 Aug. 20, 1913—SE CALIFORNIA and
 Leidesdorff, fronting on California
 at rear end 107-6, extending on E
 and W sides 137-6. The Insurance
 Exchange, Inc., to Forreder Cor-
 nice WorksAug. 16, 1913
 Aug. 21, 1913—E TREAT AVE., 246
 S 23rd St., S 40x E 122-6. Patrick
 M. and Elizabeth McDonald to
 whom it may concernAug. 16, 1913
 Aug. 21, 1913—S 26TH, 105 E Noe, 30x
 114. Ralph J. Button to whom it
 may concernAug. 21, 1913
 Aug. 21, 1913—S WASHINGTON, 177-6
 W Sansone, S 122xW 30-5½. A.
 Paladini to L. Cereghino & SonAug. 16, 1913
 Aug. 21, 1913—W WORTH, 168 N
 22nd, N 24xW 125. John Bjork-
 man to whom it may concernAug. 19, 1913
 Aug. 21, 1913—S CLARA, 300 E 6th,
 E 25xS 80. David and W. Ida A.
 Hiner to George V. McCauslandAug. 15, 1913
 Aug. 21, 1913—S FRANCISCO, 70 E
 Grant Ave., E 30xS 122-6. F. Ped-
 rini Mattencei and Vaimucci Co.
 and E. Gianilastiani to A. De Ben-
 edetti and G. CuneoAug. 20, 1913
 Aug. 22, 1913—SE GEARY and Jones,
 E 25-9xS 65-9. Isaac Mensior to
 Vitt Electrical Co., Guilfoxy Cor-
 nice Works, H. A. Chalmers Co.,
 Peterson-James Co., Camp & Car-
 lillonAug. 22, 1913
 Aug. 22, 1913—SE GEARY and Jones,
 E 25-9xS 65-9. Isaac Mensior to
 whom it may concernAug. 22, 1913
 Aug. 22, 1913—N ANZA, 107-6 E 23rd,
 25x100. Albert Whitman to whom
 it may concernAug. 22, 1913
 Aug. 23, 1913—S WASHINGTON, 108-
 9 E Battery, E 37-6xS 120. Hen-
 rietta E. Clark to McGowan & But-
 lerAug. 21, 1913
 Aug. 23, 1913—N BUSH, 137-6 E Du-
 pont, N 115, W 27-6, N 22-6, E 27-6,
 N 70, E 58-9, S 70, E 58-9, S 70, E

20, S 137-6, W 78-9. Macdonough
 Estate Co. to J. J. LeonardAug. 19, 1913
 Aug. 23, 1913—NE WASHINGTON
 and Octavia, E 137-6xN 127-8½.
 A. B. Spreckels to O. S. SarsiAug. 15, 1913
 Aug. 23, 1913—W BRODERICK, 75 S
 sen, Jr., to L. C. WooldridgeEllis, S 25xW 100. Harry A. Thom-
Aug. 23, 1913
 Aug. 25, 1913—W MEACHAM PL.,
 74-6 S Post, W 36xS 40. Pacific
 Gas and Electric Co. to McLaren &
 PetersonAug. 14, 1913
 Aug. 25, 1913—NE WASHINGTON &
 Octavia, E 137-6, N 127-8½, W
 137-6, S 127-8½. A. B. Spreckels
 to Forreder Cornice Co.Aug. 16, 1913
 Aug. 25, 1913—EXPOSITION SITE.
 Panama-Pacific International Ex-
 position Co. to Healy-Tibbitts Con-
 struction Co.Aug. 20, 1913
 Aug. 25, 1913—E 18TH AVE., 178 N
 Clement, N 25x120. Hans Borge to
 whom it may concernAug. 25, 1913
 Aug. 25, 1913—W DIAMOND, 210-6 S
 22nd, S 25xW 115-9. J. S. Purcell
 to whom it may concernAug. 19, 1913
 Aug. 25, 1913—W DIAMOND, 235 S
 22nd, S 25xW 115-9. J. S. Purcell
 to whom it may concernAug. 19, 1913
 Aug. 25, 1913—NE HARTFORD &
 19th, E 30x N 95. Hazel E. Peter-
 son to whom it may concernAug. 25, 1913
 Aug. 25, 1913—NE COLUMBUS AVE.
 and Vallejo, E 77-8½xN 137-6. Ro-
 mon Catholic Archbishop of San
 Francisco to A. Curran and G. L.
 Bulotti (Curran & Bulotti)Aug. 25, 1913
 Aug. 25, 1913—E 16TH AVE., 25 S
 Anza, — 25, E 90, N 25, W 90, John
 Gray to whom it may concernAug. 21, 1913
 Aug. 25, 1913—NW PINE and Middle,
 W 27xN 87-6. Israel Davis to Ratto
 & GianniniAug. 19, 1913
 Aug. 26, 1913—NE CALIFORNIA and
 Leidesdorff, E 30, N 124 to a pt on
 S Halleck 30 to a pt formed by in-
 tersection of S Halleck and E
 Leidesdorff S to beg. The Liver-
 pool and London and Globe Ins.
 Co. to the Clinton Fireproofing Co.
 Aug. 14; Vulcan Iron Wks., Aug.
 '13, '13; California Plate and Win-
 drow Glass Co., Aug. 12, '13; John
 G. Sutton Co., June 13, '13; Harry
 G. Graper, Aug. 13, '13; Pacific Mfg.
 Co., Aug. 13, '13; Mangrum & Otter,
 Aug. 14, '13.
 Aug. 26, 1913—NW SACRAMENTO &
 Laguna, N 127-8½xW 137-6. Nel-
 lie Miller Nickel to E. T. Leiter &
 SonsAug. 21, 1913
 Aug. 26, 1913—W GUERRERO, 183 N
 22nd, 33x117-6. W. A. George to
 whom it may concernAug. 25, 1913
 Aug. 26, 1913—SW QUESADA (17th
 Ave. south) 25xN 50xSW 100. P. W. Mon-
 troull to whom it may concernAug. 22, 1913
 Aug. 26, 1913—W BELVEDERE, 25
 N Alma, N 25x99-6, No. 493, Belve-
 dere. Rudolph W. Pedersen to
 whom it may concernAug. 15, 1913
 Aug. 26, 1913—SLOAT BLVD & COR-
 bett Ave. Entrance to St. Francis
 Wood. Westgate Park Company
 to I. D. Bluxome as Bluxome Co.
Aug. 18, 1913
 Aug. 26, 1913—S ROSE AVE., 137-6
 E Gough, S 65-3½, E 111-8½, W
 90-7½. S and C Forbes to Theo. S.
 HolmAug. 23, 1913

Aug. 26, 1913—S CHESTNUT 72 W
 Taylor, 32-9 on Chestnut by a
 uniform depth of 145. Nicola Cu-
 neo to G. Ferrone & SonAug. 6, 1913
 Aug. 27, 1913—W ROUSSEAU, 100 S
 Bosworth, S 25xW 100. E. D.
 Swift and James F. Heffernan to
 whom it may concernAug. 27, 1913
 Aug. 27, 1913—NW POST & SCOTT, N
 165, W 192-6, S 55, E 55, S 110, E
 137-6. Mount Zion Hospital to P.
 Grassl & Co.Aug. 23, 1913
 Aug. 27, 1913—W TAYLOR, 107-6 N
 Clay, 30x165. McKillop Bros. to
 whom it may concernAug. 26, 1913
 Aug. 27, 1913—NO. 1529 PINE, bet
 Polk and Van Ness Ave. Mrs. M.
 Guidet and A. Arlie to whom it
 may concernAug. 20, 1913
 Aug. 27, 1913—SW LEAVENWORTH
 and Broadway, distant 20 from SW
 Leavenworth and Broadway, S
 37-4, W 60, N 37-4, E 60. Walter
 H. Hoffmann to Harry S. Warnick
 CompletedAug. 27, 1913
 Aug. 27, 1913—SE 2ND AVE & Geary,
 distant therefrom N 200, N 25, E
 120, S 25, W 120. Herman Alter to
 Jos Marcus & Hyman BarnettAug. 23, 1913
 Aug. 27, 1913—S 24TH, 85 N Folsom,
 S 100, W 25, N 100, E 25. Carl Emil
 Bendel to Jos BoeddekerAug. 27, 1913
 Aug. 28, 1913—NW BUSH & SAN-
 SOME, N 137-6xW 67-6. Stand-
 ard Oil Co. to United Electric Co.
Aug. 25, 1913
 Aug. 28, 1913—SW NIAGARA AVE.,
 339.58 NW Mission, NW 25x SW
 80.58. Jno. B. Woolfrey and Louis
 J. Roberts to whom it may concernAug. 27, 1913
 Aug. 28, 1913—SW NIAGARA AVE.
 364.58, NW Mission, NW 25xSW
 80.58. Jno. B. Woolfrey and Louis
 J. Roberts to whom it may concernAug. 27, 1913
 Aug. 28, 1913—SW NIAGARA AVE.,
 314.58 NW Mission, NW 25xSW
 80.58. John B. Woolfrey and
 Louis J. Roberts to whom it may
 concernAug. 27, 1913
 Aug. 28, 1913—W 21ST AVE., 150 S
 Geary, 25x120. Jeanette Yates to
 whom it may concernAug. 26, 1913
 Aug. 28, 1913—NW UNION & JONES,
 W 45xN 137-6. F. Rolandi to
 whom it may concernAug. 21, 1913
 Aug. 29, 1913—NE POPE, 50 SE
 Morse, 25x120, Lot 32, blk 5, Syn-
 dicate's 1st addition. Felix and
 Pilar CastanedaAug. 30, 1913
 Aug. 29, 1913—NE COLUMBUS AVE.
 and Vallejo, E 77-8½xN 137-6. Ro-
 man Catholic Arch. of San Fran-
 cisco to Wm. L. Spencer, Aug. 21, 1913
 Aug. 29, 1913—S CLEMENT, 70 W
 19th Ave., W 25xS 100. Hugo Lang-
 paap to Leigh & SchultzAug. 27, 1913
 Aug. 29, 1913—W MISSION, 55 S 18th,
 S 50xW 80. Charles Katz to whom
 it may concernAug. 26, 1913
 Aug. 29, 1913—E MASON, 111 N
 Union, N 26-6xE 97-6. B. Leardi
 to F. De Martini and G. Segale,
Aug. 28, 1913

LIENS FILED.

San Francisco.

Aug. 15, 1913—NE GEARY and VAN
 Ness Ave. N 120x E 109 Standard
 Portland Cement corp, \$240; Santa
 Cruz Portland Cement, \$2641.74; C

Jorgensen & Co. \$91.25; Woods & Huddart. \$345.55; City Supply Co. \$119.40 vs Chas L Tilden and Peterson-Rupp & Co. \$327.55
 Aug. 15, 1913—NE GEARY AND VAN Ness Ave 109x120. S D Le Clair vs Peterson & Rupp. \$37.55
 Aug. 15, 1913—NE GEARY & VAN Ness Ave N 120x E 109. Levy Elec Co vs Peterson-Rupp Co, Chas L Tilden \$497.43
 Aug. 15, 1913—NE GEARY & VAN Ness Ave N 120x E 109. Western Hydrated Lime Co vs Charles L Tilden Co and Peterson & Rupp Co \$55.96
 Aug. 15, 1913—NE GEARY AND VAN Ness Ave N 120x E parallel with N Geary 109. Santa Fe Lumber Co vs Charles L Peterson and John Doe Rupp (Peterson-Rupp & Co.) \$1053.50
 Aug. 15, 1913—W EMBARCADERO 137-6 S Howard S 46-10xW 137-6. Horace J Perazzi vs Theodore S Hoin and Joseph Magner. \$487.1
 Aug. 15, 1913—NE GEARY AND VAN Ness Ave W 120x E 109. W W Montague & Co vs Peterson-Rupp & Co and Chas L Tilden \$205
 Aug. 16, 1913—W EMBARCADERO (East) 137-6 S Howard S 45-10xW 137-6. Magner vs Theo S Hoin and Joseph Magner \$427.88
 Aug. 16, 1913—W EMBARCADERO (East) 137-6 S Howard, S 45-10x W 137-6. Globe Electric Works, \$1159; J. E. Connell, \$2,933 vs. Joseph Magner and Theo S. Hoin.
 Aug. 16, 1913—SW EMBARCADERO (East) 137-6 SE Howard SE 45-10 xSW 137-6. Pope & Talbot, \$6816.53 H L Petersen, \$8122.53; Pacific Mfg Co, \$1653.30 vs Joseph Magner and Theo S Hoin. \$600
 Aug. 18, 1913—W EMBARCADERO (East) between Howard and Folsom. Malott, Peterson & Adams vs. Joseph Magner. \$600
 Aug. 18, 1913—W EMBARCADERO, 137-6 S Howard, S 45-10xW 137-6. Habenicht & Howlett vs Joseph Magner and Theo S. Hoin. \$955.27
 Aug. 19, 1913—N 16TH, 180 W Castro, N 134-5xW 40. A. Bin vs. Jos. M. Ourich \$122.45
 Aug. 20, 1913—SW 6TH, 25 SE Mission, SE 60xSW 75. The Berger Mfg. Co. vs. Edward H. Mitchell, Bishop & Duarte \$424.82
 Aug. 21, 1913—S JACKSON, 82-6 W Jones, W 25xS 87-6. The Mission Marble Works vs. A. Penziner and Johnson & Halland \$160
 Aug. 21, 1913—NE POWHATTAN and Banks, E 70xN 25. Redwood Manufacturers Co. vs. Jos. C. Stroms-wold \$48.60
 Aug. 20, 1913—W 6TH, S Mission, S 60xW 75. National Mill and Lumber Co., \$1067.70; Pacific Tank and Pipe Co., \$1500; James H. Hardy, \$1300.85; the Watson Mantel and Tile Co., \$248.63 vs. Edward H. Mitchell and Bishop and Duarte.
 Aug. 22, 1913—NW LISBON, 125 NE Persia Ave., NE 25xNW 100. Columbia Lumber Co., \$142.39; A. Seghieri & Bro., \$114.50; Eureka Sash Door & Moulding Mills, \$365.55 vs. Atlas Home Makers.
 Aug. 22, 1913—NW LISBON, 175 NE Persia Ave., NE 25xNW 100; NW Persia Ave., NE 25xNW 100; NW Persia Ave., NE 25xNW 100; NW Persia Ave., NE 25xNW 100; NW Persia Ave., NE 25xNW 100. J. E. Ward vs. Atlas

Home Makers, Inc., and L. R. French \$104.30
 Aug. 22, 1913—NW LISBON, 125 NE Persia, NE 25xNW 100; NW Persia 175 NE Persia, NE 25xNW 100; NW Persia, 200 NE Persia, NE 25xNW 100; NW Persia, 150 NE Persia, NE 25xNW 100. Nelson Mfg. Co. vs. Atlas Home Makers and Martin Nihill \$320.51
 Aug. 22, 1913—W LISBON, 125 N Persia Ave., N 25xW 100; W Lisbon, 150 N Persia Ave., N 25xNW 100; W Lisbon, 175 N Persia Ave., N 25x W 100; W Lisbon, 200 N Persia Ave., N 25xW 100. Elmer C. Nelson and John Holmlund vs. Atlas Home Makers \$145
 Morris Stulsaft Co. vs Atlas Home Makers, same except street is spelled Lisbon \$385
 Aug. 22, 1913—NW LISBON, 200 NE Persia Ave., NE 25xNW 100. A. Seghieri & Bro., \$114.50; Columbia Lumber Co., \$451.94 vs. Atlas Home Makers
 Aug. 22, 1913—NW LISBON, 150 NE Persia Ave., NE 25x NW 100. A. Seghieri & Bros. \$114.50; Columbia Lumber Co. \$534.43 vs. Atlas Home Makers
 Aug. 22, 1913—NW LISBON, 175 NE Persia Ave., NE 25xNW 100. Columbia Lumber Co. \$410.65; A. Seghieri & Bro. \$114.50 vs. Atlas Home Makers
 Aug. 22, 1913—W HAMILTON and Silliman, NW 81xSW 50. The Greater City Lumber Co. vs. Samuel and Mollie Schweitzer. \$340.45
 Aug. 22, 1913—W LISBON, 125 N Persia Ave., N 100xW 100. Basch Electric Company vs. Atlas Homemakers Company \$76
 Aug. 27, 1913—NE CALIFORNIA & Van Ness Ave., N 142-2½x E 100. Santa Fe Lumber Co. vs. Chas. L. Peterson and Jno Doe Rupp, as Peterson, Rupp & Co.; Royal Investment Co. \$582.16
 Aug. 23, 1913—NE VAN NESS AVE. and California, N 142-2½x E 100. Chas. M. Woods and Frederick T. Huddart (Woods & Huddart) \$546.50; J. P. Holland, \$251.10; Bay Dev. Co., \$230.80 vs. Peterson & Rupp, Royal Inv. Co.
 Aug. 28, 1913—NE VAN NESS AVE. and California, N 142-2½x NE 100. Hicks & Folte vs. Royal Investment Co.; Wm. B. Bradbury; Bradbury Estate Improvement Co.; W. F. Cordes; H. C. Pendleton. \$18.85
 Aug. 28, 1913—NE VAN NESS AVE. and California, N 142-2½x E 100. David Carroll vs. Royal Investment Co. \$44

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame. Cost not stated, Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, A. H. Dana. The dwelling will be erected in Rock Ridge Park and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the

dwelling will be covered with shingles. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$6,500. Piedmont, Alameda Co., Cal. Architect, A. D. Nicholson, Whittell Bldg., S. F. Owner, W. D. Tillinghast. This work has been mentioned here before when plans were first out for figures. Some revisions have been made in the plans and new figures are now being taken. The dwelling has been designed to contain eight rooms, bath and sleeping porches. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile with cement floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are now out for figures for the second time.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, none. Owner, Jalmer Millan, 412 Blackstone street, Oakland. The house has been designed for an eight room dwelling with bath and sleeping porch. Interior will be finished in pine with some elm panels in the living room. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor and all materials are now being purchased.

RESIDENCE—2 story and base, frame, \$30,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. A. J. Larkey. The dwelling will be erected in Crocker Highlands and has been designed to contain 15 rooms, baths and sleeping porches. A garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine, redwood and hard woods. There will be a hot water system of heating, open fire places and vacuum cleaning system. Hardwood floors will be used in the principal rooms. Mantels will be of tile and brick. A garbage incinerator and automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof is specified. Plans are nearly complete and figures will be called for within a week or ten days.

BATH HOUSE—1 story, reinforced concrete, \$10,000. Alameda, Alameda Co., Cal. Engineer, City Engineer Chapman, Alameda. Owners, City of Alameda. This work has been mentioned here before when the engineer was first instructed to prepare plans. The building, which is to contain a large swimming tank 120x200 feet, will be erected adjoining the city power house. Hot water exhaust from the power plant will be used to heat the tank. Special salt water filters will be installed. Exterior of the building will be faced with cement plaster. A glass roof will be used. Plans are nearly complete and bids will be called for as soon as funds

in be made available.

BUNGALOW—1½ story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Judson Thomas, First National Bank Bldg., Berkeley. Owner O. I. Funnels. The house will be erected in North ragmont Tract and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood in the living and dining rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the residence will be covered with cement plaster on metal lath. Plans are complete and figures have been taken.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, H. M. Swalley, 745 Vesley avenue, Oakland. The dwelling has been designed for an eight room house with bath, and will be erected on Walker avenue near Cottage street. Interior finish will be of pine with hardwood floors in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor. All materials are now being purchased.

FIREHOUSE—2 story and base, frame and brick, \$6,000. Hayward, Alameda Co., Cal. Architect, John Haar, Hayward. Owners, Town of Hayward. The building will be erected on Castro street between B and C streets. The first floor will be arranged for three pieces of apparatus and the second floor for company quarters. Interior finish will be of pine throughout. A cement floor will be used over a part of the first floor. Special electric work and plumbing fixtures will be installed. Exterior of the building will be covered with pressed brick veneer. Plans are complete and figures are being taken.

GARAGE AND SALES ROOMS—1 story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect, Frederick E. Meyer, Bankers' Investment Bldg., S. F. Owners, Kissel Car. The building will be erected at the corner of 24th and Broadway and has been designed as the Oakland headquarters of the Kissel Car Co. Interior of the office space and sales rooms will be handsomely finished. Hardwoods and tile will be used. A cement on tile floor will be specified. Metal window sash and frames and special machine equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTEL ALTERATIONS—4 story brick, \$20,000. Oakland, Cal. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Abrahamson Bros. The present building at the southeast corner of 13th and Clay streets, and for several years occupied as a lodge hall, will be remodeled into a modern hotel. The work will include division of the floors into guest rooms, interior plaster work, electric work, plumbing, new interior finish, painting and

the installation of a central heating system. Exterior of the buildg will not be changed. Plans are nearly complete and figures will be called for shortly.

CHURCH—1 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, E. J. Aalto, 1531 California street, Berkeley. Owners, Swedish Lutheran Church. The building will be erected on University avenue west of San Pablo. There will be a main auditorium seating 300 people and Sunday School rooms. Interior finish will be of pine and redwood. Some art glass will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architects, Smith and Stewart. 24 Kearny street, S. F. Owner C. Gettemy. The dwelling has been designed for a seven room house with two baths and two sleeping porches. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place and a brick mantel in the living room. Bath rooms will have tile wainscot. Exterior of the dwelling will be covered with shakes. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, P. Lindeblad, 3822 Randolph avenue, Oakland. The dwelling has been designed for a six room house with bath and will be erected on Everett street. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire place and brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,400. Oakland, Cal. Architect, none. Owners, Fedt Bros., 8 Warren street, Oakland. The dwelling has been designed for a seven room house with bath. Interior finish will be of pine with some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

THEATRE AND POOL ROOM—1 story and base, brick and frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, J. Michel. The building will be erected on San Pablo near 67th street and will contain, besides the theatre, a large pool hall. Interior finish will be of pine. Special electric work will be required. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
2512	Burritt	Burritt	2000
2514	Thaxter	Thaxter	5000
2515	Settles	Settles	1600
2516	Meyer	Bruecker	1400
2517	Cord	Card	1900
2518	Keys	Keys	2400
2519	Morris	Muller	13000
2520	Davis	Sinclair	300
2522	Carlson	Brown	35900
2523	Carlson	Brown	9900
2525	Rhea	Stevens	800
2526	Meyer	Nichols	500
2527	Randall	Anderson	2000
2528	Heald	Heald	600
2529	Van Loan	Dingwell	1000
2530	Smith	Brett	400
2532	Horan	Swalley	400
2534	Ramsay	Ramsay	600
2535	Swim	Sommarstrom	1550
2536	Swim	Sommarstrom	1600
2537	Matthews	Faust	1775
2538	Rinetti	Valente	1375
2539	Myer	Bacuss	1000
2541	Vander Naillen	Camponetti	3400
2542	Swalley	Swalley	5000
2543	Swalley	Swalley	5000
2544	Y. W. C. A.	Farquharson	60000
2550	John	Okl. Bldg.	2850
2551	Gross	Gross	500
2552	Bowman	Forbes	400
2553	Olsen	Hollenbeck	450
2554	Gighlotti	Crow	500
2555	Elmhst Bap. Ch.	Wilson	2000
2556	Ollino	Prasse	1750
2558	Naunton	Harris	2800
2559	Bennett	Creighton	4475
2560	Piedmt Bldg.	Olson	4661
2561	McHenry	Sampson	5029
2561	Graham	Klahn	5000
2562	Sunset	Sunset	400
2563	Pasterano	Thelle	450
2564	Millan	Millan	1000
2565	Owl	Duval	10000
2566	Castro	Castro	1400
2568	Humphrey	Baughman	3880
2569	Fedt	Fedt	3400
2570	Toreson	Tore-on	1400
2571	McGuiness	McGuiness	2500
2572	Canning	Canning	1800
2573	Plaitner	Ferguson	2000
2574	Dhalke	Kulchar	2900
2575	Lindeblad	Lindeblad	3500

(2513) S 45TH ST, 250 E Shafter, Oakland. One-story, five-room dwlg. Owner.....W. H. Burritt, 750 60th St., Oakland.
Architect.....None.
Contractor.....O. L. Burritt, 427 63d St., Oakland.
COST, \$2000

(2514) W MONTE CRESTA, 240 S Linda, Ave., Oakland. Two-story, 7-room dwelling.
Owner.....W. H. Thaxter, 4324 Montgomery, Oakland.
Architect.....None.
Day's work.....COST, \$2500

(2515) S WALNUT, 240 W Renwick, Oakland. One-story, six-room dwlg. Owner.....J. E. Settles, 1544 Broadway, Oakland.
Architect.....None.
Day's work.....COST, \$1600

(2516) SE 85TH & PLYMOUTH AVES., Oakland. One-story, 4-room dwlg. Owner.....Joseph Meyer, corner 85th Ave. and E-14th St., Oakland.
Architect.....None.
Contractor.....J. H. Bruecker, corner 14th Ave and E-12th St., Oakland.
COST, \$1400

(2517) NW BROADWAY & 25TH ST., Oakland, Alterations.
Owner.....E. F. Card, 424 Perkins St., Oakland.
Architect.....None.
Day's work.....COST, \$1900

(2518) S 60TH ST, 100 W Colby, Oakland. Two-story, 6-room dwlg.
Owner.....J. D. Keys, 5882 Syndicate Bldg., Oakland.
Architect...None.
Day's work. COST, \$2400

(2519) NE 14TH & JEFFERSON, Oakland. Seven-story class A hotel.
Owner.....Morris & Muller, 1601 Telegraph Ave., Oakland.
Architect...Clay N. Burrell, Albany Block, Oakland.
Day's work. COST, \$130,000

(2520) N PALM AVE., 60 W Euclid Ave., Oakland. Two-story, 6-room dwelling.
Owner.....H. Clay Davis, 6960 18th St., Oakland.
Architect...None.
Contractor...C. E. Sinclair, 5333 Locksley Ave., Oakland.
COST, \$3000

(2521) S COUNTY ROAD, between Mission San Jose and Irvington, 1/2 mile W main county road running through Mission San Jose. All work for one-story dwelling.
Owner.....A. Riehr, Mission San Jose.
Architect...Henry A. Minton, S. F. Contractor...Griffin & Sons, Irvington. Filed Aug. 25, '13. Dated Aug. 18, '13. 1st or last day of each month 75% 35 days after completion and acceptance 25%
TOTAL COST, \$2500
Bond, \$1250. Sureties, T. J. Berge and Edward Ismert. Specifications give \$10 forfeit. Limit, 75 days. Plans and specifications filed.

(2522) PT 32.27 FROM INTERSECTION, E line Telegraph & W Broadway on I bearing SW, thence N along I bearing SW, thence N 108.83, NW 36.86, S 104, SE 8.70, Oakland. All work for plain and reinforced concrete, sidewalk doors, lights and other work pertaining to concrete work for 12-story, basement and attic class A office building.
Owner.....J. F. Carlston and A. J. Snyder, 1st National Bank Bldg., Oakland.
Architect...Benj. G. McDougall, Sheldon Bldg., S. F.
Contractor...James L. Brown, Inc. Filed Aug. 25, '13. Dated Aug. 12, '13. Twice a month 75% Usual 35 days 25%
TOTAL COST, \$35,900
Two bonds of \$17,950 each. Sureties, Aetna Accident and Liability Co. Forfeit, \$125. Limit, 80 days. Plans and specifications filed.

(2523) EXCAVATION, basement floor, retaining walls and footings, pits and pumps, fire-proofing, waterproofing, sidewalk lights, doors and vents on above.
Contractor...James L. Brown, Inc. Filed Aug. 25, '13. Dated Aug. 12, '13. Payments same as above.
TOTAL COST, \$9900
Bond, Sureties, Forfeit, none. Limit, 60 days. Plans and specifications filed.

(2525) NE 41ST & WEST, Oakland. One-story, four-room dwelling.
Owner.....Mrs. W. Rhea, Premises.
Architect...None.
Contractor...Stevens & White.
COST, \$800

(2526) NO. 9318 E-14TH ST., Oakland. Addition.
Owner.....Chas. Meyer, Elmhurst.
Architect...None.
Contractor...H. J. Nichols, 1325 93rd Ave., Oakland.
COST, \$500

(2527) W SUNNYSIDE AVE., 110 N E-22nd St., Oakland. One-story, five-room dwelling.
Owner.....Albert Randall, 2215 Sunnyside Ave., Oakland.
Architect...None.
Contractor...A. F. Anderson, 2384 E-22nd St., Oakland.
COST, \$2100

(2528) COR. E-17TH ST & 13TH AVE., Oakland. Alterations.
Owner.....E. P. Heald, 2630 Telegraph, Oakland.
Architect...None.
Day's work. COST, \$600

(2529) 425 EUCLID AVE., Oakland. Alterations.
Owner.....E. Van Loan, Premises.
Architect...None.
Contractor...J. F. Dingwell, 2021 West, Oakland.
COST, \$1000

(2530) 361 SANTA CLARA AVE., Oakland. Add.
Owner.....Mrs. W. A. Smith, Prem.
Architect...None.
Contractor...J. A. Brett, 727 59th St., Oakland.
COST, \$400

(2533) NO. 731 LAKE SHORE AVE., Oakland. Garage.
Owner.....W. J. Horan, Premises.
Architect...None.
Contractor...H. M. Swalley, 745 Wesley Ave., Oakland.
COST, \$400

(2534) MIDVALE AVE., 80 N Arizona, Oakland. One-story four-room dwlg.
Owner.....John Ramsay, 3257 Logan, Oakland.
Architect...None.
Day's work. COST, \$600

(2535) 107TH AVE., between Bancroft and Sunnyside, Oakland. One-story, five-room dwelling.
Owner.....N. D. Swim.
Architect...None.
Contractor...Sommarstrom Bros., 35 Rose Ave., Oakland.
COST, \$1550

(2536) 107TH AVE., between Bancroft and Sunnyside, Oakland. One-story five-room dwelling.
Owner.....N. D. Swim.
Architect...None.
Contractor...Sommarstrom Bros., 35 Rose Ave., Oakland.
COST, \$1600

(2537) S 32ND ST, 90 E West St., Oakland. One-story four-room dwelling.
Owner.....W. S. Matthews, 2225 Fruitvale Ave., Oakland.
Architect...None.
Contractor...A. H. Faust, 3884, Brighton Ave., Oakland.
COST, \$1775

(2538) E 84TH AVE., 185 S E-14th St., Oakland. One-story four-room dwelling.
Owner.....Louis Rineti, 716 Broadway, Oakland.

Architect...None.
Contractor...G. E. Valente, 5882 Vallejo St., Oakland.
COST, \$1375

(2539) NO. 2511 BROADWAY, Oakland. Alterations.
Owner.....Myer & White, 17th and Broadway, Oakland.
Architect...None.
Contractor...Bacuss & Kennedy, 954 Rose Ave., Oakland.
COST, \$1000

(2541) NE CAVOUR & LAWTON, Oakland. Two-story, 7-room dwlg.
Owner.....Mrs. V. Vander Naillen, 5230 Lawton, Oakland.
Architect...None.
Contractor...E. Campomenosi, 5163 Miles Ave., Oakland.
COST, \$3400

(2542) W WALKER AVE., 310 S Cottage, Oakland. Two-story, eight-room dwelling.
Owner.....H. M. Swalley, 745 Wesley Ave., Oakland.
Architect...None.
Day's work. COST, \$5000

(2543) W WALKER AVE., 270 S Cottage, Oakland. Two-story, eight-room dwelling.
Owner.....H. M. Swalley, 745 Wesley Ave., Oakland.
Architect...None.
Day's work. COST, \$5000

(2544) W WEBSTER, 356 N 14th, N 150xW 150, Oakland. Excavating, structural steel, reinforced steel and concrete work for four-story and basement building.
Owner.....Young Women's Christian Association of Oakland.
Architect...Julia Morgan, Mer. Ex. Bldg., S. F.
Contractor...D. B. Farquharson, 1760 Ellis, S. F.
Filed Aug. 27, '13. Dated Aug. 25, '13. 3rd day of each month 75% 35 days after completed and accepted 25%
TOTAL COST, \$60,000
Bond, Sureties, Forfeit, none. Limit, 180 days. Plans and specifications filed.

(2550) N PRICE, 150 W Telegraph, Oakland. Alteration.
Owner.....H. John.
Architect...None.
Contractor...Oakland Bldg. and Investment Co., Bacon Bldg., Oakland.
COST, \$2850

(2551) NO. 3323 E-39TH ST., Oakland. Addition.
Owner.....Phil Gross, Premises.
Architect...None.
Day's work. COST, \$500

(2552) NO. 117 LAKE, Oakland. Alteration.
Owner.....D. D. Bowman, 5931 Taft Ave., Oakland.
Architect...None.
Contractor...Forbes & Armitage, 2823 Prince, Oakland.
COST, \$400

(2553) NO. 22 NAPIER AVE., Oakland. Alteration.
Owner.....O. F. Olsen, Premises.
Architect...None.
Contractor...G. H. Hollenbeck, 5210

Fairfax Ave., Oakland.
COST, \$450
(2551) NW 55TH & TELEGRAPH.
Tank frame.
Owner.....John Gighlotti, Premises.
Architect...None.
Contractor...J. W. Crow, 11 56th St.,
Oakland.
COST, \$500

(2555) NW 90TH AVE. & HOLLY ST.,
Oakland. One-story church.
Owner.....Elmhurst Baptist Church,
Premises.
Architect...None.
Contractor...J. A. Wilson, 2839 Ellis-
Worth, Berkeley.
COST, \$2000

(2556) W BROADWAY, 40 S 51st St.,
Oakland. One-story six-room dwlg.
Owner.....G. Gilro.
Architect...None.
Contractor...P. Praso, 4996 Broadway,
Oakland.
COST, \$1750

(2558) LOT 47, Fourth Avenue Extension,
Oakland. One-story six-room
dwelling.
Owner.....Mrs. Grace E. Naunton,
Oakland.
Architect...None.
Contractor...Harris & Hudson, 1957 E-
33th St., Oakland.
Filed Aug. 27, '13. Dated Aug. 25, '13.
Frame up ¼
Rough coat plaster on ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, \$2800
Bond, \$1400. Sureties, R. A. MacKer-
richer and Mary V. Foster. Forfeit,
Limit, none. Plans and specifications
filed.

(2559) LOT 16, BLK A, Map Central
Piedmont Tract, Piedmont. Two-
story and basement eight-room
dwelling.
Owner.....John T. Bennett, 359 130th,
Oakland.
Architect...None.
Contractor...Walter H. Creighton.
Filed Aug. 27, '13. Dated June 9, '13.
Initial payment \$900
Signing contract 500
Completed 500
1st mortgage and 2nd deed trust
for balance

TOTAL COST, \$1475
Bond, Sureties, Forfeit, Limit, none.
No plans or specifications filed.

(2560) LOT 4, BLK 2, Map East Pied-
mont Heights Extension, Oakland.
All work for two-story dwelling.
Owner.....Piedmont Heights Build-
ing Co., Oakland.
Architect...None.
Contractor...Alfred Olson, 1116 Myrtle,
Oakland.
Filed Aug. 28, '13. Dated Aug. 27, '13.
Frame up \$165.00
Brown coated 1165.00
Completed and accepted 1165.00
Usual 35 days 1165.75
TOTAL COST, \$4661.75
Bond, \$2331. Sureties, Southwestern
Surety Ins. Co. Forfeit, \$5. Limit, 70
days. Plans and specifications filed.

(2561) S 19TH ST., 100 E Broadway,
E 50xS 160, Oakland. All work for
one-story brick warehouse

Owner.....F. T. McHenry, 225 Hill-
side Ave., Piedmont.
Architect...Alvin J. Stern, 1522 Broad-
way, Oakland.
Contractor...McCreary & Sampson, 593
Apgar, Oakland.
Filed Aug. 28, 1913. Dated Aug 26, '13.
Walls up ready for roof trusses, \$1500
Roof completed and accepted... 1000
Completed and accepted 1000
Usual 35 days 1589

TOTAL COST, \$3089
Bond, \$2500. Sureties, H. J. Quinn and
O. L. Hawkins. Forfeit, \$10. Limit,
26 days after Sept. 1. Plans and speci-
fications filed.

(2561) W TELEGRAPH, 60 N 55th St.,
Oakland. Two-story ten-room flats
and stores.
Owner.....Laura B. and G. Graham,
Ontario, Canada.
Architect...None.
Contractor...A. Klahn & Son, 27 Che-
nery St., S. F.
COST, \$5000

(2562) FIRST & OAK, Oakland. Shed.
Owner.....Sunset Lumber Co., Prem.
Architect...None.
Day's work. COST, \$400

(2563) NO. 920 KIRKHAM, Oakland.
Alteration.
Owner.....A. S. Pasterine
Architect...None.
Contractor...Thiele & Lukes.
COST, \$450

(2564) S KEITH AVE., 53 W McMil-
lan, Oakland. Two-story eight-room
dwelling.
Owner.....Jalmer Millan, 412 Black-
stone St., Oakland.
Architect...None.
Day's work. COST, \$1000

(2565) SE 14TH & WASHINGTON.
Oakland. Alteration.
Owner.....The Owl Drug Co., 611
Mission, S. F.
Architect...None.
Contractor...Oliver Duval & Son, 1st
National Bank Bldg. Okd.
COST, \$10,000

(2566) W 26TH AVE., between E-25th
and E-26th Sts., Oakland. One and
one-half story seven-room dwlg.
Owner.....J. Castro, 1181, 19th St.,
Oakland.
Architect...None.
Day's work. COST, \$1400

(2568) SE 5TH AVE., 100 NE E-15th
St., NE 50xSE 150, Oakland. Wreck
old house and build two-story and
basement flat.
Owner.....Ellen M. Humphrey, 1526
5th Ave., Oakland.
Architect...None.
Contractor...J. W. Baughman, 1627 5th
Ave., Oakland.
Filed Aug. 30, '13. Dated Aug. 13, '13.
Frame up ¼
Plastering completed ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$3880
Bond, Sureties, none. Forfeit, \$1. Lim-
it, 90 days. Plans and specifications
filed.

(2569) E WALLA VISTA, 275 N El-
wood St., Oakland. Two-story, seven-
room dwelling.
Owner.....Felt Bros. & Warren St.,

Oakland.
Architect...None.
Day's work. COST, \$3400
(2570) W 36TH AVE., 40 N Boehmer St.,
Oakland. One-story four-room dwlg.
Owner.....W. J. Tore on, 707 36th Av.,
Oakland.
Architect...None.
Day's work. COST, \$1100

(2571) SW E-17TH CT and 57th Ave.,
Oakland. One-story six-room dwlg.
Owner.....Jas. McGuinness, 5615 E-
16th St., Oakland.
Architect...None.
Day's work. COST, \$2500

(2572) E WOODRUFF AVE., 100 N
E-38th St., Oakland. One-story, five-
room dwelling.
Owner.....H. Canning, 2445 Delmer,
Oakland.
Architect...None.
Day's work. COST, \$1800

(2573) SW LAGUNA AVE. & Delmer
St., Oakland. One-story five-room
dwelling.
Owner.....H. A. Pleitner, 954 Fruit-
vale Ave., Oakland.
Architect...None.
Contractor...A. L. Ferguson.
COST, \$2000

(2574) 701 BROADWAY, Oakland. Al-
terations.
Owner.....A. A. Dhalke, Premises.
Architect...None.
Contractor...S. Kulechar & Co., 518 14th
St., Oakland.
COST, \$2900

(2575) E EVERETT AVE., 67 S Vista
Ave., Oakland. Two-story, six-room
dwelling.
Owner.....P. Lindeblad, 3822 Ran-
dolph Ave., Oakland.
Architect...None.
Day's work. COST, \$3500

Building Contracts Awarded Berkeley.

2524	Smith	.....Allen	400
2531	Coppage	.....Thaxter	6000
2540	Perf. Food	.....Perf. Food	500
2549	Giles	.....Giles	500
2567	Shearman	.....Gurnette	1335

Correction in Location.

(2356) N BUENA VISTA, 100 E Le
Roy, being lot 2, blk 6, Wheeler
Tract, Berkeley. All work for two-
story and basement dwelling.
Owner.....Chester L. Roadhouse, 2531
Buena Vista Way, Berkeley.
Architect...Frank S. Forster, 1417
Arch, Berkeley.
Contractor...Alfred Petersen, 1201 19th,
Oakland.
Filed Aug. 11, '13. Dated July 29, '13.
Rough frame up \$1135
Rough interior and exterior
plaster on 1135
Completed and accepted 1135
Usual 35 days 1135
TOTAL COST, \$4540
Bond, \$2270. Surety, Aetna Accident &
Liability Co. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2524) 2529 HILLEGASS AVE., Ber-
keley. Add.
Owner.....E. M. Smith, Premises.
Architect...None.

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Contractor...F. E. Allen, 468 34th St.,
Oakland.

COST, \$100

(2531) W DANA, 55 N Tyler, Berkeley.
Two-story 12-room apartment house.
Owner.....C. A. Cophage, 3014 Dana,
Berkeley.

Architect...None.
Contractor...F. W. Thaxter, 2454 Ashby
Ave., Berkeley.

COST, \$6000

(2510) SW DWIGHT WAY & 3RD ST.,
Berkeley. One-story two-room factory.

Owner.....Perfection Food Cereal Co.
of California, 410 Eddy St.,
San Francisco.

Architect...None.
Day's work.

COST, \$500

(2519) NE OREGON & TELEGRAPH,
Berkeley. Alteration.

Owner.....O. A. Giles, 131 Buchanan,
San Francisco.

Architect...None.
Day's work.

COST, \$500

(2567) COR DWIGHT WAY and Piedmont
Ave., Berkeley. Interior painting
and papering for two-story and
basement dwelling.

Owner.....T. M. Sherman, 2799 Ben-
venue, Berkeley.

Architect...W. H. Ratcliff, Jr., 1st
National Bank Bldg., Bkly.

Contractor...Gurnette & Chandler, San
Francisco.

Filed Aug. 30, '13. Dated Aug. 27, '13.
1st day of each month75%
35 days after completion and ac

ceptance25%
TOTAL COST, \$1335

Bond, Sureties, Forfeit, Limit, none. No
plans. Specifications filed.

Building Contracts Awarded. Alameda.

2532	Knox	.....Etter	2950
2535	Heine	.....Richard	900
2546	Iler	.....Iler	2000
2547	Vergez	.....MacRae	400
2548	Ilatto	.....Bradhoff	1700
2557	Davis	.....Anderson	3100

(2532) S ENCINAL AVE., 175 W
Union St., S 140xW 44, Alameda. One-
story and basement six-room dwlg.

Owner.....Augustus H. Knox.
Architect...Wm. Dufour, 2326 Santa
Clara, Alameda.

Contractor...David M. Etter, 843 Lau-
rel, Alameda.

Filed Aug. 26, '13. Dated Aug. 26, '13.
Frame up 3/4
Brown coated 3/4
Completed and accepted 3/4
Usual 35 days 3/4
TOTAL COST, \$2950

Bond, \$1175. Sureties, Lars Swenson
and H. H. Etter. Forfeit, \$250. Limit,
60 days. Plans and specifications filed.

(2545) NO. 1716 GRAND, Alameda.
Alteration.

Owner.....H. Heinsohn, Premises.
Architect...None.

Contractor...L. D. Richards, 1614 Bay,
Alameda.

COST, \$900

(2516) NO. 811 PACIFIC AVE. Ala-
ameda. Erect one-story dwelling.

Owner.....Evelyn M. Iler, 3200 Fern-
side Blvd., Alameda.

Architect...Leonard H. Ford, 2136
Center, Berkeley.

Day's work. COST, \$2000

(2517) No. 2311 LINCOLN AVE., Ala-
ameda. Tank frame.

Owner.....Vergez & Mathebat, Prem.
Architect...None.

Contractor...Chas. W. MacRae, 2315
Encinal Ave., Alameda.

COST, \$100

(2518) NO. 1817 ARBOR, Alameda.
One-story five-room dwelling.

Owner.....A. Ilatto, 1817 1/2 Arbor,
Alameda.

Architect...None.
Contractor...C. O. Bradhoff, 5592 Mar-
ket, Oakland.

COST, \$1700

(2557) No. 2151 CENTRAL AVE., Ala-
ameda. Two-story six-room dwlg.

Owner.....F. Davis, 2064 Central Ave.,
Alameda.

Architect...W. Dufour, 2326 Santa
Clara Ave., Alameda.

Contractor...H. C. Anderson, 1229 Pearl
St., Alameda.

COST, \$3100

RELEASE OF BUILDING CONTRACT.

Aug. 27, '13—LOTS 7 & 8, BLK 31,
South Sacramento, Oak Park. SW
cor Magnolia Ave. and 35th St.,
Sacramento. E. O. Burge to J. P.
McMahon, E. R. Daly and M. C.
Jackson, agents for S. McMahon.
Release contract filed...Sept. 13, 1911

Completion Notices.

ALAMEDA COUNTY.

RECORDED ACCEPTED

Aug. 16, 1913—LOT 37 BLK 13 North-
brae, Bkly. C W Gandy to H H
Gastman

Aug. 15, 1913—Aug. 15, 1913

Aug. 18, 1913—LOT 17, BLOCK 15,
Northbrae, Berkeley. Patrick Nel-
son Building Co. to whom it may
concern

Aug. 18, 1913—Aug. 18, 1913

Aug. 18, 1913—LOT 7, BLOCK 13,
Northbrae, Berkeley. Patrick Nel-
son Building Co. to whom it may
concern

Aug. 18, 1913—Aug. 18, 1913

Aug. 18, 1913—PORTION LOT 16,
Block C of that portion Bruma-
quin Tract, lying W Shattuck
Ave., Oakland township. Mrs. M.
Brudlewsky to L. G. Geary.

Aug. 18, 1913—Aug. 18, 1913

Aug. 18, 1913—718 E 22ND ST., OAK-
land. Margaret Cosgrove to Wm.
H. Davis & Son

Aug. 12, 1913—Aug. 12, 1913

Aug. 18, 1913—N CHANNING WAY,
100 E College Ave., N 101.5, E 50,
Berkeley. Pl Beta Phi House
Corporation to Van Sant-Ioughton
Co.

Aug. 15, 1913.

Aug. 19, 1913—LOT 16, BLOCK 17,
Northbrae, 50x100 E Ventura St. or
Ave., 150 N Marin Ave., Berkeley.

Howard P. Sheridan and D. E.
Amann to whom it may concern.

Aug. 11, 1913

Aug. 19, 1913—PORTION LOTS 13
and 14, Block 1, Map Berkeley
Square, Berkeley. Mary I. Gas-
tan to whom it may concern.

Aug. 9, 1913

Aug. 19, 1913—Bounded by prop-
erty of C. P. R. R. Co., Market St.,

Market St. extended S. Castro St. extended S. and property of City of Oakland, Oakland. Pacific Gas & Electric Co. to Kaufman & EdwardsAug. 12, 1913

Aug. 19, 1913—LOT 40, ELMWOOD PARK, Oakland. Horace Cochran to Alex. C. Wieben.....Aug. 12, 1913

Aug. 19, 1913—37 LINCOLN AVE., Piedmont. Nelson A. Howard to C. M. McGregorAug. 15, 1913

Aug. 19, 1913—LOT 11, BLOCK 12, Broadmoor, San Leandro. H. J. Clare to Edwin C. Graff.....Aug. 12, 1913

Aug. 19, 1913—N FAIR OAKS AVE., 300 E Caroline St., E 46.93, N 100, Alameda. O. P. McFeron to whom it may concernAug. 19, 1913

Aug. 19, 1913—W TELEGRAPH AVE., 100 S 16th St., S 130, NW 103.94, SW 102.44, N 130, NE 90, NW 5.72, NE 112.89, SE 74, SW 100, SE 100, Oakland. Kahn Realty Co. to Simonds Machinery Co.; Aug. 5, 1913; Robert Dalziel, Jr.; Aug. 13, 1913; Robert Dalziel, Jr.; Aug. 15, 1913; Maxwell Hardware Co.; Aug. 14, 1913; Robert Dalziel, Jr.; Aug. 17 1913

Aug. 20, 1913—E SUNNYSIDE AVE., Portion lots 22 and 23, block C, amended map Fairview Tract, Oakland Township. Western Union Home Builders to W. B. Roberts.....Aug. 18, 1913

Aug. 20, 1913—SW COR. 3RD ST. and University Ave., Berkeley, 200K73. S. P. Co. to Jones & McGovern.....Aug. 16, 1913

Aug. 20, 1913—LOT G, block 8, map re-division blocks 5, 6, 7, and 8, Northbrae Tract No. 1, Berkeley, L. S. Lewis to whom it may concernAug. 10, 1913

Aug. 20, 1913—W GROVE ST. and S in Land Pac. Gas and Elec. Co., N 100, W 125, S to said lands, E to pt. beginning, Oakland. Pacific Gas and Electric Co. to Kaufman & EdwardsAug. 15, 1913

Aug. 20, 1913—LOT 22, block 4, North Cragmont, Berkeley. Lindel M. Hoskins to Porter Bros.....Aug. 15, 1912

Aug. 21, 1913—W TELEGRAPH AVE., 100 S 16th St., S 130, NW 103.95, SW 102.44, N 130, NE 90, NW 5.72, NE 112.89, SE 74, SW 100, SE 100, Oakland. Kahn Realty Co. to American Marble and Mosaic Co.; Aug. 18, 1913; Roebeling Construction Co.; Aug. 18, 1913; H. Maundrell.....Aug. 19, 1913

Aug. 21, 1913—S 63RD ST., 102.01 E Racine, E 45, S 100, Oakland. W. S. Young to whom it may concernAug. 20, 1913

Aug. 22, 1913—5142 CORONADO AVE., Lot 19, Sylvan Crest Tract, Oakland. H. L. Griswold to Harry C. Knight.....Aug. 22, 1913

Aug. 22, 1913—PORTION OF LOTS 12 and 13, containing 3.79 acres, Block F, revised map Piedmont Park, Piedmont. Miss Ransom and Miss Bridge's School to William L. BoldtAug. 18, 1913

Aug. 22, 1913—W TELEGRAPH AVE., 100 S 16th St., S 130, NW 103.95, SW 102.44, N 130, NE 90, NW 5.72, NE 112.89, SE 74, SW 100, Oakland. Kahn Realty Co. to Otis Elevator Co., E. T. Letter & Sons.....Aug. 20, 1913

Aug. 22, 1913—LOT 26, BLK 2, Amended Map Humphrey Tract,

Berkeley. J. T. Owen to whom it may concernAug. 22, 1913

Aug. 22, 1913—1976 AUSBON AVE., Oakland. H. Beatrice Bather to Harry C. Knight.....Aug. 11, 1913

Aug. 25, 1913—N PACIFIC AVE., 205 E Concordia St., E 35xxN 146, Alameda. Mark T. Cole to whom it may concernAug. 23, 1913

Aug. 25, 1913—LOTS 1, 2, & 3, Blk 2, Hotel Claremont Tract, Berkeley. H. H. Hart to (a) Pacific Rolling Mill Co.; (b) Forderer Cornice Works; (c) R. Watts; (d) Carl Doell; (e) Fink & Shindler Co.; (f) Taylor & Co.July 1, 1911

Aug. 26, 1913—LOT 6, Key Route Station Tract, Berkeley. William J. Baker to Paul Woodburn.....Aug. 21, 1913

Aug. 27, 1913—LOT 16, BLK A, Map Central Piedmont Tract, Piedmont. ——— to Walter H. CreightonAug. 28, 1913

Aug. 28, 1913—LOT 12, BLK G, Steinway Terrace, Oakland. Charles C. Linthurst to C. L. Decker Co.....Aug. 28, 1913

Aug. 28, 1913—LOT 31, BLK 16, Map Havenscourt, Oakland. Piedmont Heights Building Co. to W. S. GouldAug. 27, 1913

Aug. 28, 1913—NW BROADWAY and N 26th St., N 153.63, N 233.20, W 199.94, S 52.13, W 187, Oakland. First Presbyterian Church of Oakland to William Makin.....Aug. 13, 1913

Aug. 29, 1913—W TELEGRAPH AVE., 100 S 16th St., S 130, NW 103.95, SW 102.44, N 130, NE 90, NW 5.72, NE 112.89, SE 74, SW 100, SE 100, Oakland. Kahn Realty Co. to S. Kulchar; Aug. 29, 1913; The Lambson Co.....Aug. 29, 1913

Aug. 29, 1913—LOT 12, BLK 2-864, East Piedmont eight Extension, Oakland Tp. A. M. Rich to C. M. McGregorAug. 22, 1913

Aug. 29, 1913—E-9TH ST., 130 N Delaware St., N 34 feet 2 inches, E 130, Chris and Selma Nicholson to whom it may concernAug. 27, 1913

Aug. 26, 1913—N SAN JOSE AVE., 200 W Walnut St., W 50xN 150, Alameda. Chas. Lamont vs. Thomas G. Morris\$167.50

Aug. 27, 1913—LOT 16, Amended Map Alta Piedmont Tract, Piedmont. Bruce Lumber and Mill Co. vs. H. E. Jones and E. J. Aalto.....\$22.26

Aug. 28, 1913—LOT 8, BLK A, Map Central Piedmont Tract, Piedmont. Bert T. Johnson vs. Alice M. Garrison\$190

Aug. 28, 1913—LOT 6 & PART LOT 5, Blk F, corrected map Nicol Tract, Oakland. Hogan Lumber Co. vs. William M. and Nellie L. Morris\$67.50

Aug. 28, 1913—SE GILBERT ST., 160 SW Mather St., SW 40.80xSE 125, Oakland. Hogan Lumber Co. vs. W. J. Judson and Selden S. Wright\$686.06

Aug. 28, 1913—LOT 4 & PART LOTS 3 and 5, blk F, corrected Map Nicol Tract, Oakland. Hogan Lumber Co. vs. Wm. M. and Nellie L. Morris\$97.88

Aug. 29, 1913—LOT 24, BLK E, Map No. 2, Linda Ista Terrace, Oakland. Borland & Lemon vs. J. H. Robinson\$506.84

Aug. 29, 1913—SE LA LOMA PARK, N 308.23, W 165.1, SW 174.30, SE and SW 254.25, E 248.8, Berkeley. Wm. A. Newman vs. Chas. C. Boynton\$712

Aug. 29, 1913—LOT 22, BLK E, Map Kenwood Park, Oakland. Inland Floor Co. vs. R. S. McHenry, J. W. Jones and Wm. H. Morris.....\$73.27

SAN JOSE AND THE SANTA CLARA VALLEY.

CITY HALL—2 story and base, brick and steel. Cost not stated. Burlingame, San Mateo Co., Cal. Architect, Charles Peter Weeks. Mutual Bank Bldg., S. F. Owners, City of Burlingame. A change has been made in the call for bids on the Burlingame City Hall. The time for figuring the work has been extended to September 15th. The amount of the bond has been fixed at 50 per cent of the contract price, and each bid must be accompanied by a certified check of 10 per cent of the amount bid. An official proposal containing these changes appears in the Daily Pacific Builder under the head of Official Advertising.

Building Contracts.

SANTA CLARA COUNTY

COR. LOCUST & PARK AV., San Jose. Remodeling portion of St. Mary's School. Owner—W. H. Culligan, San Jose. Architect—C. S. McKenzie, Bank of San Jose Bldg., San Jose. Contractor—J. B. Lamb, 640 So. 11th St., San Jose.

Filed Aug. 21, '13. Dated Aug. 18, '13.

As work progresses	75%
Until 35 days	25%
TOTAL COST, \$1150	

Bond, \$600. Sureties, E. W. and Otto E. Schnabel, San Jose. Forfeit, none. Limit, 30 working days. Plans and specifications filed.

LOT 2, BLK 4, University Grounds, Heading and Myrtle Sts., about one mile west from San Jose. One and one-story bungalow.

LIENS FILED.

ALAMEDA COUNTY.

Aug. 16, 1913—S DWIGHT WAY 920 E Ellsworth E 60.5xS 134.5, Bkly. Pacific Mfg Co vs Elizabeth Gooding Witter\$387.83

Aug. 18, 1913—S 50 LOTS I, J AND K, Block 11, Map town of San Leandro, San Leandro. San Leandro ralta and R. M. Rolland.....\$141.95

Aug. 20, 1913—S DWIGHT WAY, 120 E Ellsworth, E 60.5xS 134.5, Berkeley. Morris Stulsaft Co. vs. Elizabeth Gooding Witter and George S. Perkins\$259.69

Aug. 23, 1913—PORTION LOTS 3 and 5 and all lot 4, blk F, and lot 6 and portion lot 5, blk F, corrected map Nicol Tract, Oakland. John Souza vs. W. M. Morris and Annie Morris and Russell Morris\$324.50

Aug. 25, 1913—S DWIGHT WAY, 120 E Ellsworth St., E 60.5x S 134.5, Herbert Hansen vs. George V. Perkins and Elizabeth Gooding Witter\$324.50

Aug. 25, 1913—LOT 8, BLK A, Central Piedmont Tract, Piedmont. James Anderson vs. Alice M. Garrison\$105.25

Owner.....Matthe J. Pearce White,
San Jose.

Architect.....H. Kaatz, San Jose.

Contractor.....Joseph Souza, San Jose.

Filed Aug. 23, '13. Dated Aug. 22, '13

Frame up\$652.50

First plaster is completed 652.50

Building is completed 652.50

On demand; all bills receipted

and surrendered to owner..... 652.50

TOTAL COST, \$2610

Bond, Sureties, Forfeit, none. Limit,

75 days. Plans and specifications filed.

LOS ALTOS on Freda O. Shumate's Es-

tate. Stable and garage.

Owner.....Mrs. F. O. Shumate, San

Francisco.

Architect.....W. G. Merchant, San

Francisco.

Contractor.....J. B. Dawson, Los Altos,

Cal.

Filed Aug. 22, '13. Dated Aug. 9, '13.

Frame up\$475.

Building plastered 475

Building completed 475

Usual 35 days 475

TOTAL COST, \$1900

Bond, \$950. Sureties, J. Duffield, C. E.

Murton, Palo Alto, Cal. Forfeit, none.

Limit, 60 days. Plans and specifica-

tions filed.

ON GROUNDS OF HIGH SCHOOL,

Mountain View, Cal. One-story

school building.

Owner.....Trustees Mountain View

School District.

Designer.....A. P. Ill, Bank of San Jose

Bldg., San Jose.

Architect.....C. A. Thomas, San Jose.

Filed Aug. 20, '13. Dated Aug. 7, '13.

Frame up and roof on\$750

Interior is finished 750

Building is completed 750

35 days after notice of comple-

tion 750

TOTAL COST, \$3000

Bond, \$1500. Sureties, H. S. Thomas

and J. A. Chase, Mountain View. For-

feit, none. Limit, 36 days. Plans and

specifications filed.

NEAR AZULE, about two miles from

Azule, Santa Clara Co., Cal. Two-

story frame residence.

Owner.....Fremont Older, Cupertino,

California.

Architect.....F. D. Wolf, 1st National

Bank Bldg., San Jose.

Contractor.....E. L. Wolfe, San Jose, Cal.

Filed Aug. 13, '13. Dated Aug. 6, '12.

35 days after completion of

work\$1200

TOTAL COST, \$1200

Bond, none. Sureties, C. Collins and J.

B. Wolfe, San Jose, Cal. Forfeit, none.

Limit, 75 days. Plans and specifica-

tions filed.

Building Contracts.

SAN MATEO COUNTY.

BURLINGAME, San Mateo Co. Mason-

ry in connection with the erection of

two sets of gates.

Owner.....Mrs. William H. Crocker,

New Place, Burlingame.

Architect.....L. P. Hobart, Crocker

Bldg., S. F.

Contractor.....W. A. Goerlicke, Postal

Telegraph Bldg., S. F.

Filed Aug. 27, '13. Dated Aug. 26, '13.

On completion and acceptance.....\$1275

Usual 35 days 425

TOTAL COST, \$1700

Bond Sureties, Forfeit, none. Limit,

Oct. 15, 1913. Plans and specifications

filed.

TWO GATES OF CAST & WROUGHT

iron, hinges, etc., on above.

Contractor.....Rudgear-Merle Co., Bay

and Stockton, S. F.

Filed Aug. 27, '13. Dated Aug. 26, '13.

On acceptance\$2812.50

Usual 35 days 937.50

TOTAL COST, \$3750

Bond Sureties, Forfeit, none. Limit,

Nov. 1, 1913. Plans and specifications

filed.

THIRTY SIX ACRE TRACT, Easton. A

frame and brick veneer dwelling

house; brick work, stone work, lum-

ber, carpenter work, etc.

Owner.....C. Frederick Kohl, 1022

Kohl Bldg., S. F.

Architect.....Howard & White, Lick

Bldg., S. F.

Contractor.....John MacLain.

Filed Aug. 21, '13. Dated Aug. 19, '13.

Monthly of 75% of labor and

materials used\$50,232.15

Usual 35 days 16,744.05

TOTAL COST, \$66,976.20

Bond, later. Sureties Forfeit, none.

Limit, 225 working days after filing.

Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

Aug. 28, 1913—COR. OF MAIN and

Franklin Sts., City of Santa Clara,

Cal. Santa Clara Valley Bank,

Santa Clara, to R. Trost, Santa

ClaraAug. 24, 1913

Aug. 25, 1913—LOTS 8 & 9, BLK B-3,

Palm Haven Tract, San Jose. T. S.

Thompson, San Jose, to J. H. Mil-

lerAug. 22, 1913

Aug. 22, 1913—NEAR COR. BRYANT

and Hawthorne Sts., Palo Alto, Cal.

C. H. Jordan, Palo Alto, to A. N.

Mills, Palo Alto.....Aug. 20, 1913

LIENS FILED

SANTA CLARA COUNTY.

Aug. 27, 1913—COR. 14TH & SANTA

Clara Sts., San Jose. S. H. Chase

Lumber Co., San Jose, vs. Bettie

Williams, San Jose, Cal.....\$506.20

Aug. 27, 1913—BEING 1/2 OF LOT 8

in Blk 3, Range 8, North of San

Jose. S. H. Chase Lumber Co., San

Jose, vs. S. F. Hobler.....\$91.49

Aug. 26, 1913—BEING PART OF M.

and M. Tarfe sub. 4, lots 33 & 34,

Santa Clara Co. R. L. Pitcher,

Mayfield, vs. C. D. Cranston, May-

field\$122.05

COMPLETION NOTICES.

SAN MATEO COUNTY.

Aug. 21, 1913—LOT 9, BLK 7, Burlin-

game Land Company. Samuel Mc-

Clure to whom it may concern.....

.....Aug. 16, 1913

Aug. 22, 1913—"UPLANDS," Hills-

borough, Chas. T. Crocker to The

Pioneer Construction Co. Aug. 16, 1913

Aug. 25, 1913—PORTOLA PROPER-

TY (parcel No. 27 of the All Par-

son's Sub.) Spring Valley Water

Company to H. R. Prishrey.....

.....Aug. 15, 1913

Aug. 26, 1913—LOT 17, BLK D, "Map

of Mission Street Tract," Stephen

Spender to Keneally & Son.....

.....Aug. 22, 1913

Aug. 26, 1913—LOT 4, BLK 10, Dinglee

Park. Rachel D. Graham to

George H. Bentley.....Aug. 26, 1913

Aug. 27, 1913—CRYSTAL SPRINGS

Reservoir and Dam Site. Spring

Valley Water Company to W. E.

TourtelotteAug. 20, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BANK—2 story and base, brick and

steel, \$10,000. Riverbank, Stanislaus

Co., Cal. Architect, C. H. Russell,

Humboldt Bank Bldg., S. F. Owners,

Riverbank Land Co. The building will

be erected on a corner site covering

an area of 50x125 feet. There will be

stores on the first floor besides the

bank. Upper floors will be arranged

for offices and living apartments. In-

terior finish will be of pine except in

the bank which will be finished in

hardwood and tile. Special fireproof

vaults will be used. Exterior of the

building will be faced with pressed

brick. Plans are complete and segre-

gated figures are being taken.

Building Contracts.

FRESNO COUNTY.

FRESNO. All ornamental iron work

except fire escapes.

Owner.....Holland & Holland

Engineer.....R. F. Felchlin, Fresno.

Contractor.....C. J. Hillard Co., Inc., 19th

and Minnesota, S. F.

Contract not filed.

TOTAL COST, \$2325

Bond, \$1250. Limit, 30 days.

SE J & KERN, BLK 1, Fresno City.

Installation of automatic sprinkler

equipment in two-story and base-

ment steel frame and reinforced

concrete structure.

Owner.....E. Gottschalk & Co., Inc.,

Fresno.

Architect.....C. A. Meussdorffer, 1104

Humboldt Bank Bldg., San

Francisco.

Contractor.....Pacific Fire Extinguisher

Co., 507 Montgomery, S. F.

Filed Aug. 23, '13. Dated Aug. 12, '13.

Basement piping installed.....\$1768

1st story piping installed..... 1768

2nd story piping installed..... 1768

Completion of work 3000

Usual 35 days 2768

TOTAL COST, \$11,075

Bond, \$5137. Sureties, Winfield S.

Davis and Burt L. Davis. Forfeit,

none. Limit, shortest time possible

Plans and specifications filed.

INSTALLATION OF 2 ELECTRIC

passenger elevators, 1 electric

freight elevator and 1 dumb waiter

on above.

Contractor.....Otis Elevator Co., Beach

and Stockton, S. F.

Filed Aug. 23, '13. Dated July 24, '13.

Payments made pro rata per

elevator\$

Upon shipment of engine 1/2

Upon installation of engine 1/4

Upon complete installation 1/4

TOTAL COST, \$7975

Bond, Sureties, Forfeit, none. Limit,

Dec. 1, '13. Plans and specifications

filed.

INSTALLATION OF DISAPPEARING
awnings on above.
Contractor, W. A. Plummer Mfg. Co.,
37 Front St., S. F.
Filed Aug. 23, '13. Dated July 24, '13.
Completion of work\$690.90
Usual 35 days 230.35
TOTAL COST, \$921.25
Bond, Sureties, Forfeit, none. Limit,
as fast as possible. Plans and specifica-
tions filed.

PAINTING, VARNISHING AND FIN-
ishing on above.
Contractor, H. Maundrell, 568 Hayes,
San Francisco.
Filed Aug. 23, '13. Dated July 24, '13.
One-half work completed.....\$51.25
Completion of work 581.25
Usual 35 days 387.50
TOTAL COST, \$1550
Bond, Sureties, Forfeit, none. Limit,
soon as possible. Plans and specifica-
tions filed.

COMPLETION NOTICES.

FRESNO COUNTY.

Aug. 25, 1913—LOTS 26, 27, BLK 16,
North Park Terrace. Edward
Menke to Ed. Temple. Aug. 25, 1913

LIENS FILED

FRESNO COUNTY.

Aug. 23, 1913—LOT 23, BLK 28,
Hazelwood Add. Fresno. J. W.
Murray and R. J. Perez vs. F. P.
Evangelho \$263
Aug. 23, 1913—LOTS 22 23, BLK 28,
Hazelwood Add. Fresno. J. R.
Montague vs. Francisco Evangelho
..... \$76
Aug. 23, 1913—LOT 23, BLK 28,
Hazelwood Add. Fresno. Visalia
Planing Mill vs. Frank P. Evan-
gelho \$332.85

MARIN, CONTRA COSTA AND SONOMA COUNTIES

Building Contracts.

CONTRA COSTA COUNTY.

MARTINEZ. Municipal wharf, ware-
house, office and waiting room.
Owner.....City of Martinez.
Architect.....W. J. Cuthbertson, 328
Montgomery, S. F.
Contractor.....K. M. Nielsen, Martinez.
COST, \$2000

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story and
base, frame. Cost not stated. Sacra-
mento, Cal. Architect, none. The fol-
lowing day labor jobs are reported
as about to be started in Sacramento:
1 story frame dwelling for D. Lamorue,
219 Stanford avenue, \$1,500; 2 story
frame dwelling for L. Larmorgarsen,
East Side, \$2,000; 1 story frame dwell-
ing for H. A. Langley, 1317 18th street,
1,500 and a 2 story frame dwelling for
G. Houston, 2705 O street, \$2,000.
FLATS—2 story and base, frame.
Cost not stated. Stockton, San Joa-
quin Co., Cal. Architect, Walter King,
Elks' Bldg., Stockton. Owner, Joe

Lynch. The building will be erected
on a corner lot at the intersection of
Lindsay and San Joaquin streets and
has been designed to contain two mod-
ern four room flats. Each flat will
have one bath. Interior finish will be
of pine and elm panels. Hardwood
floors will be used in the principal
rooms. There will be a large open
fire place in each of the living rooms.
Mantels will be of tile. Tile will be
used in the bath rooms and kitchens.
Exterior of the building will be cov-
ered with rustic. Plans are complete
and figures are being taken.

WAREHOUSES—2, 1 story frame,
\$11,500. Sacramento, Cal. Architect,
none. Owners, McGilvray Const. Co.,
1907 7th street, Sacramento. These
buildings will be erected on the com-
pany's property bounded by 10th and
11th street and B and C. There will
be cement floors. Exteriors will prob-
ably be covered with galvanized iron
although stock brick may be used.
Plans are in the hands of the owners
and the work will be done by Day
Labor.

THEATRE ALTERATIONS—brick
construction, \$10,000. Stockton, San
Joaquin Co., Cal. Architect, Walter
King, Elks' Bldg., Stockton. Owner,
C. A. Slack. This work will consist of
exterior and interior alterations and
will call for new plastering, painting,
decorating, electric work and plumb-
ing. Exterior walls will be faced with
pressed brick. Plans are complete
and figures are being taken.

Building Contracts.

SACRAMENTO COUNTY.

ALONG "J" ST from 12th to 16th Sts.
and on 10th St. in "J" St. to a pt 40
ft N of N line of "K" St. on 10th St.,
Sacramento. Paving right of way
by means of concrete foundation,
granite block frames on each side of
rail and asphalt covering on double
track street railway.
Owner.....Pacific Gas and Electric
Co.
Architect.....None.
Contractor.....Clark & Henery Constr.
Co., Ochsner Bldg., Sacto.
Filed Aug. 25, '13. Dated Aug. 22, '13.
COST, \$7675

LOT 32, T 8L COURT, Sacramento.
Erect dwelling.
Owner.....C. H. Chatterton, 3126 T,
Sacramento.
Architect.....None.
Day's work. COST, \$3600

W ½ LOT 6, N. O. 29th & 30th, Sacra-
mento. Erect building.
Owner.....Lucius Duval, 2426 L,
Sacramento.
Architect.....None.
Contractor.....W. D. McKay, 826 17th,
Sacramento. COST, \$2500

LOT 4507, Goethe Add'n, Sacramento.
Erect dwelling.
Owner.....W. F. Tovelie, 2812 P, Sacra-
mento.
Architect.....None.
Contractor.....K. H. Buck, 3100 Walnut
Ave, Sacramento. COST, \$1400

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 13, BLK 241, E of Center St.,
Stockton, Cal. All work for garage
building.
Owner.....Mrs. A. Rothenbush, Stock-
ton, Cal.
Architect.....R. P. Morrell, 12-15 I. O. O.
F. Bldg., Stockton.
Contractor.....William Bolton.
Filed Aug. 21, '13. Dated Aug. 20, '13.
Corrugated roof completed.....\$749
Building accepted by architect..... 749
36 days after 500
TOTAL COST, \$1998
Bond, \$1000. Sureties, Edward Mitchell
and Stephen Isenberger. Forfeit, none.
Limit, 30 days from Aug. 25. Plans
and specifications filed.

LOS ANGELES AND SOUTH-ERN CALIFORNIA.

APARTMENT HOUSE—4 story and
base, brick and steel. Cost not stated.
Los Angeles, Cal. Architects, M. S.
Yager and Co., Trust and Savings Bldg.,
L. A. Owner, C. C. Hooper. The
building will be erected on a corner
site covering an area of 52x150 feet.
Plans show a total of 110 rooms ar-
ranged in two and three room suites.
All apartments will have connecting
bath rooms and wall beds. There will
be steam heat, elevator service, vacu-
um cleaning system and hot water
plant. Interior of the building will be
finished in pine with some hardwood
floors and elm panels. Bath rooms will
have cement floors and tile wainscot.
Exterior will be faced with pressed
brick. Construction will be carried on
by the M. S. Yager Co.

APARTMENT HOUSE—3 story and
base, brick, \$30,000. Los Angeles, Cal.
Architect, L. L. Jones, I. W. Hellman
Bldg., L. A. Owner, J. P. Partch. The
building will cover an area of 53x115
feet. There will be two stores on the
first floor and 40 rooms arranged in two
and three room suites on the upper
floors. Interior finish will be of pine
throughout. All suites will have wall
beds and private bath rooms. There
will be steam heat, elevator service
and a vacuum cleaning system. Ex-
terior of the building will be faced
with pressed brick. Plans are being
prepared.

HOTEL—4 story and base, brick
and steel. Cost not stated. Los Ange-
les, Cal. Architects, Morgan, Walls &
Morgan, Van Nuys Bldg., L. A. Owner
Victor Ponet. The building is to be
erected at the corner of Pico and Hope
streets. Interior will contain in the
neighborhood of 120 rooms, a large
per cent of which will have private
baths. Interior finish will be of pine
and hardwood. Plans provide for steam
heat, elevator service, a vacuum clean-
ing system and hot water plant. There
will be metal window sash and frames.
Bath rooms will have cement floors
and tile wainscot. Exterior of the
building will be faced with pressed
brick. Only preliminary plans have
been prepared.

HOTEL—4 story and base, brick and
steel, \$50,000. Los Angeles. Archi-
tects, Mayberry and Parker, Pacific
Electric Bldg., L. A. Owners, Con-
solidated Realty Co. The building
will cover an area of 60x104 feet. First

floor will contain a large lobby, offices, dining room and kitchen. Upper floors will be divided into 60 guest rooms and 18 baths. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile. There will be steam heat, elevator service, a hot water system and vacuum cleaning plant. Exterior of the building will be faced with pressed brick. Plans are out for figures.

RESIDENCE—2 story and base, brick or reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Frederick Heinlein, Lisner Bldg., L. A. Owner, Barones Rosa Von Zimmerman. The dwelling, which will be designed in the Italian Villa style, will contain in the neighborhood of 24 rooms. A site has been secured in Oak Knoll. The type of construction which is to be used has not been fully determined. Interior finish will be largely of hardwoods. Exterior of the house will probably be faced with cement plaster. Further mention of the work will be made as the plans progress.

RESIDENCE—2 story and base, hollow tile construction. Cost not stated. Capistrano, Orange Co., Cal. Architects, Walker & Vawter, Hibernian Bldg., L. A. Owner, Grace Dolph. The dwelling will contain twelve rooms, four baths and sleeping porches. There will be hollow tile interior partitions and concrete floors. Plans provide for steam heat and a vacuum cleaning system. Interior finish will be of pine and hardwoods. Exterior of the house will be faced with cement plaster. Plans are complete and figures are being taken.

TELEPHONE EXCHANGE—6 or 12 story and base. Class A Construction. Cost not stated. Los Angeles, Cal. Architect, Architectural Department Pacific States Telephone and Telegraph Co., 140 New Montgomery street, S. F. Owners, Pacific States Telephone and Telegraph Co. The building will be erected at 622 South Hill street, covering an area of 75 feet square. The entire building will be used by the company. Plans are being prepared for a 12 story structure, but only six stories will be erected at the present time. There will be a complete steel frame, exterior walls of terra cotta and pressed brick. Hollow tile interior partitions and metal trim will be used. There will be steam heat and elevator service. Bids will be called for as soon as plans can be completed.

THEATRE—1 story and base, brick and steel, \$35,000. Los Angeles, Cal. Architects, Austin and Pennell, Wright and Callender Bldg., L. A. Owners, H. L. McAllister and J. M. Dobbins. The building will be erected on an irregular lot covering an area of 169x183x121x36 feet. The theatre, which will be used for moving pictures, will seat 850 people. There will be five stories in the building besides the theatre. Metal window sash and frames will be used. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

BATH HOUSE AND AUDITORIUM.—2 story brick and steel, \$600,000. Long Beach, Los Angeles Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, A syndicate headed by Frank Strong of Long Beach. The city of Long Beach has been asked to

grant a franchise for the construction of a Class A building on the Strand between Pine and American avenues covering an area of 450x200 feet. There will be a plunge 200 by 100 feet, 200 bath rooms and an auditorium with a seating capacity of 10,000 people. Preliminary plans have been prepared. Further mention will be made of this work as the plans progress.

Contracts Awarded.

HOTEL—4 story and base, brick and steel, \$43,690. Los Angeles, Cal. Architects, Neher and Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. Contractors, Alta Planning Mill Co., 820 McGarry street, L. A., general construction only. Contract price, \$43,690.

HOTEL—3 story and base, Class C construction, \$22,000. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, J. Demozzi. Contractor, H. D. Salveter, Central Bldg., L. A. Contract price, \$22,000.

LOFTS—13 story and base, Class A construction, \$78,000. Los Angeles, Cal. Architects, Austin and Pennell, Wright and Callender Bldg., L. A. Owners, Mason Estate. Contractors, C. J. Kuchach Co., Van Nuys Bldg., L. A. general construction only. Contract price, \$78,000.

PORTLAND AND OREGON.

RESIDENCE—2 story and base, frame, \$15,000. Portland, Ore. Architect, Ellis F. Lawrence, Chamber of Commerce Bldg., Portland. Owner, John Keating. The dwelling has been designed for a 10 room house with baths and sleeping porches, and will be erected in St. Helene's Court in Portland Heights. Interior finish will be of pine and hardwoods with hardwood floors in the principal rooms. There will be a central heating system, probably hot water, and open fire places. Mantels will be of tile and brick. Automatic water heater and vacuum cleaning system will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be carried to completion under the direction of Andrew Wilson by Day Labor. All material are now being purchased.

RESIDENCE—2½ story and base, brick and stone, \$35,000. Portland, Ore. Architect, Ellis F. Lawrence, Chamber of Commerce Bldg., Portland. Owner, Daniel Kern. The house has been designed to contain in the neighborhood of 15 rooms, several bath rooms and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat and open fire places, a vacuum cleaning system and dumb waiters. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. A garage will be erected on the rear of the lot. Exterior of the dwelling will be faced with cut stone and pressed brick. Plans are complete and the work will be done by Day Labor. Excavation has been completed.

CHURCH—1 story and base, brick and tone, \$25,000. La Grande, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Roman Catholic Church of La Grande.

The building will cover an area of 39 by 90 feet and has been designed in the classic style. Plans provide for a main auditorium seating about 500 people, class rooms and pastor's study. Interior finish will be of pine throughout. There will be steam heat. Basement will contain the heating system and a gymnasium. Some ornamental plaster work will be used. Exterior of the building will be faced with pressed brick and cut stone. Plans are nearly complete and figures will be called for shortly.

ICE RINK—1 story, reinforced, concrete, \$15,000. Portland, Ore. Architect, A. J. MacClure, Lewis Bldg., Portland. Owners, Portland Ice Hippodrome Co. The building will be erected near the business center and will cover an area of 175x360 feet. Construction will be of reinforced concrete with a steel trussed roof. Space for the ice rink will be 100x347 feet. There will be special rooms for ladies and gentlemen and a large gallery seating 1500 people. The ice making plant will occupy a space 40x120. Details for the ice machinery have not been worked out. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

HOTEL—3 story and base, brick, \$25,000. Portland, Ore. Architect, A. C. Ewart, Peack Bldg., Portland. Owner, Mr. Ryan. Contractor, G. Zanello, Builders' Exchange, Portland. Contract price, \$25,000.

BRIDGES—concrete and steel, \$156,000. Vale to Odell, Ore. and Wash. Engineer, Engineering Dept. O.-W. R. and N. Co. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, Oregon Bridge and Construction Co., Bates Bldg., Portland. Contract price, \$156,000. Note—The contract calls for the construction of 12 bridges.

SEATTLE AND WASHINGTON.

THEATRE—3 story and base, reinforced concrete and steel, \$125,000. Victoria, B. C. Architect, Jesse M. Warren, Central Bldg., Victoria. Owners, McPherson and Fulerton. The building will be erected on the east side of Government street north of Cormorant and will be fireproof throughout. There will be a complete steel frame, reinforced concrete walls and floors, and hollow tile interior partitions. Interior finish will be of pine, hardwoods and metal. Considerable ornamental plaster work will be used. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

GOVERNMENT DOCK—reinforced concrete, \$1,500,000. Vancouver, B. C. Engineer's name not stated. Owners, Provincial Government. Contractors, Henry, McFee and McDonald, White Bldg., Seattle. Contract price, \$1,500,000.

FOREST FIRE IN LAKE COUNTY.

MIDDLETOWN (Cal.), Aug. 25.—The forest fire broke across the backfire none, and tonight is threatening valley ranches one mile west of Middletown. At noon the Helen mine and Spring Hill resort sent a messenger for help.

The telephone is broken. An accumulation of underbrush aids the spread of the flames. J. D. Selweller, state fire warden, arrived from Sacramento tonight to take charge of the fight to check the flames.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 1443. Office furniture.—A business man has made application to an American consul in Germany to be placed in communication with manufacturers of office furniture in the United States. He has been favorably impressed with the furniture in the office of the consulate. Correspondence should be in German.

No. 1444. Canal Locks and Gates.—An American consul reports that a business firm in his district desires to obtain the names of the firms manufacturing the machinery, locks, and gates for the Panama Canal locks. The firm desires to obtain this information at the earliest possible moment.

No. 1446. Galvanized-iron sheets and Kettles.—The junior member and travelling representative of a European firm makes annual trips to foreign countries and informs an American consulate that he desires to receive catalogues ad prices of galvanized-iron sheets and small kettles, with which he believes he can place to good advantage. The kettles should be of common cast iron with three legs, a top, and two ears, with wire or iron handle attached, to hold from 3 to 6 quarts each. This firm also handles all classes of fabrics, hardware, soaps, and foodstuffs.

No. 1446. Stationery and desk articles.—The proprietor of a leading book store in the Near East has informed an American consulate that he wishes to be placed in communication with American firms manufacturing strictly high-grade stationery and desk articles. Publishers of ladies' fashion journals, weekly or monthly magazines are also invited to correspond. The firm is said to be of good standing.

No. 1447. Agricultural machinery, automobiles, typewriters, etc.—An American consular officer in the Latin-American country reports that a resident of his district desires to enter into commercial relations with American manufacturers of agricultural machinery, typewriters, automobiles, and chairs. The inquirer furnishes commercial and banking references.

No. 1467. Seed drills.—An American consul reports that the principal of an agricultural school in a foreign country would like to obtain catalogues or other descriptive matter concerning American drills, for the purpose of purchasing one for the college if found suitable, and also suggesting general use of the same among local farmers. Correspondence may be in English.

No. 1468. Plumbing supplies.—A contract for sewer and water connections in a Latin-American city has recently been awarded to a local firm. An American consular officer writes that no particular make of plumbing supplies and sewerage has been specified, but that all are acceptable so long as they meet the specification requirements. Correspondence with the member of the firm mentioned may be in Spanish or English. The consul adds that a very considerable quantity of plumbing supplies of all kinds will be required during the next year for this work.

No. 1469. Concrete mixers.—A foreign government official informs an American consul that he would like to become informed concerning American concrete mixers suitable for use in forthcoming irrigation projects of the Government, and would be pleased to receive catalogues and other information concerning the same from American manufacturers. Correspondence may be in English.

No. 1473. Chair Seats and Panels.—An American consular officer in a European country reports that a business man in his district desires to enter into relations with an American manufacturer of 3-ply chair seats and panels with a view to obtaining the local agency for these goods. Samples of the 3-ply wood required for seats and panels, also a series of designs showing the seats most in favor in the country, accompanied the report and may be obtained from the Bureau of Foreign and Domestic Commerce.

No. 1474. Iron Fence and Posts.—American country is in the market, according to a communication to an American consul, for 100 meters of iron fence to be placed upon a base of masonry 75 centimeters high, with a corresponding width. A gate the same style as the fence should be furnished also. The posts must be 1½ meters high and of the very best material.

No. 1475. Motor Plow. A well known European representative of various machinery manufacturers desires to secure the agency for a first-class American motor plow, he informs a consular that he wishes to correspond only with manufacturers who produce upon a large scale.

No. 1477. Motors for rowboats.—Catalogues and prices (f. o. b. New York) of small horsepower light-weight motors for attachment to rowboats are desired by a purchaser in the Levant. Full particulars of export prices and terms, packing charges, weight, and dimensions packed for export should accompany catalogues. The consul who forwarded this information states that two motors are desired at present and probably more will be ordered later. Correspondence may be in English.

No. 1478. Mining machinery and railroad equipment.—An American consular officer reports that certain mining companies in his district will undertake a vast amount of new development and construction work next two or three years. To prepare for an increased output the company's railroad will be rebuilt and extended, new ice breakers will be placed on lakes at the company's property, new boring machines will be installed, the power house will be enlarged, and a cashery will be built. The company

will also build a funicular railroad between two points. Manufacturers of railroad material, mining machinery, and equipment should write to a director of the company named in the report.

No. 1479. Lubricating oils.—A business house in a European city, informs an American consul that it desires to correspond with American firms, manufacturing lubricating oils of every description. Cylinder oils are especially desired. Correspondence should be in either German or French.

No. 1486. Maple mangle-roller blocks. A report from an American consular officer states that a local business man is in the market for green, quartered, cleft, rough sawn, and octagon-cut maple roller blocks. These blocks are seasoned after importation and then turned and used as rollers for mangling machines. The importer in question has frequently purchased more than 50,000 blocks of this character per annum, and states that the quantity could be doubled very easily if he could find a manufacturer in a position to make regular shipments. He also states that the concern upon which he has been dependent for a long time has been obliged to reduce its output to such an extent as to be unable to cultivate export trade in the future.

No. 1482. Wire.—An importer of wire in a European city desires American connections. He now imports from other European countries, but believes the direct steamship sailing between American and local ports should enable him to make direct importations from the United States. The wire is used locally mostly for can-opening keys, and the importer believes the quality of copper in the American wire makes the keys less corrosive than other kinds. The consul who forwarded the report advises that the sizes of wire used range from 3.2 millimeters to 3.8 millimeters. English may be used in correspondence, though Norwegian would be preferable.

SCULPTURE AT THE EXPOSITION.

Charles Grafty of Philadelphia, one of the most distinguished of American sculptors, has been selected to model the statue of the Pioneer Mother which is to be the central exhibit of the Fine Arts Department of the Panama-Pacific International Exposition and which is, at the close of the Exposition, to be presented by the Pioneer Mother Monument Association of California to the City of San Francisco. It probably will be installed permanently in the Civic Center.

The selection of Mr. Grafty was made by the Monument Association after months of correspondence with many of the best known American sculptors, including Frederick MacMonnies, Daniel C. French, Edgar Walter, Paul Bartlett, Ralph Stackpole, Adolph A. Wetman, Herbert Adams, Hermon MacNeil and Douglas Tilden.

It was found by the Monument Association that the time available for the execution of the monument and its casting in bronze was so short that a number of the sculptors considered would be unable to complete so important a commission before the opening of the Exposition. The Association, therefore, considered itself fortunate in being able to induce Mr. Grafty to postpone other work upon which he is en-



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engaged in order to undertake this commission.

The plans of the Monument Association and of the sculptor are for a proper memorial to the men who, in the early days, endured both privation and hardship in reaching California and in the American settlement and civilization of the State.

In a large temporary corrugated iron house, between the Army Transport wharves and the big Palace of Machinery, work is progressing rapidly upon one of the most interesting, most beautiful and most important details of the Panama-Pacific International Exposition. It is the production of the ornamental statuary, the art of some of the leading sculptors of the world, which will adorn the great exhibit palaces of the Exposition. So extensively is this work advancing, that A. Stirling Calder, the noted sculptor who has the work in charge, has had built another temporary building alongside of the one now nearly filled, and this will soon be occupied by his corps of assistants.

In these two buildings is being developed the collection of groups and figures, of heroic size, that will decorate the great palaces and courts. The public is not admitted at present to these studios, and the statuary will not be seen generally until it is mounted upon the buildings.

DIAMONDS AND OTHER GEMS MINED IN THE UNITED STATES.

**Precious Stones are Widely Distributed
and of Various Kinds—Aggregate
Value of Output Not Large**

Gems and precious stones were produced in the United States in 1912 to the value of \$319,722 according to Douglas B. Sterrett, of the United States Geological Survey. The kinds of precious stones found in the United States are many, ranging from diamonds of fine quality to low-grade stones such as agates, but as is seen from the total value of the output there are no really large operations.

The principal gem mineral mined in the United States during 1912 was Montana sapphire, of which there was a large output for use both as gems and in mechanical applications. The greater part of the gem sapphires came from the mines in Ferguson County, where they occur in a rock matrix. The majority of these stones have the

true sapphire-blue color. The bulk of the sapphire for mechanical use came from the placier deposits in Granite and Deer Lodge counties and consists of varicolored stones.

Fine Opals from Nevada.

The development of the opal deposits of Humboldt County Nev., was attended with much success, and a quantity of magnificent gem material was obtained.

The opal is of unusual type, consisting of dark translucent mineral with a variety of rich colors. The deposits promise to supply a gem equal if not superior in beauty to the opal from Australia.

Prospecting and mining at the emerald mine in North Carolina were attended with only partial success. Two pockets or deposits of emerald were removed during the year; other developments consisted mainly of exploratory work, which has continued into 1913.

The tourmaline output of southern California was small, but some magnificent specimen crystals were obtained. Especially fine gem crystals of kunzite were found and brought good prices. The production of turquoise was very small compared with some previous years. Beautiful emethyst was found in Warren County, N. C. and some fine gems have cut from sample crystals. A few fine specimens of golden beryl were obtained from prospects in Alexander County, N. C. Beautiful gems were cut from some of these. The production of agate and associated varieties of chalcedony was again large in several Western States.

Diamond Mines in Arkansas.

No great advances are reported in diamond mining in Arkansas during 1912.

Several dozen diamonds were found and several diamond-washing plants were constructed for operation in 1913.

It has been practically impossible to determine the quantity and value of the diamonds found in the Arkansas field since the first discovery in Aug. 1906. Most of the stones are still held by the mining companies and few have been sold. It is estimated from the figures furnished the Survey and from reports in the press and those furnished by private persons that about 1,400 diamonds weighing nearly 500 carats have been found from August, 1906, through December, 1912. The total estimated value placed on this output in these reports amounts to \$12,108.

Mr. Sterrett's report is a very inter-

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esting account of the various kinds of gems found in the United States.

STATES THAT HAVE IMPEACHED GOVERNORS.

William Sulzer is the first Governor to be impeached in the State of New York. Eight States have impeached their chief executives, and of this number three were removed from office, one resigned, one was acquitted, and the charges against three were dropped. The record follows:

Seth South, Colony of North Carolina, 1659; removed.

Charles Robinson, Kansas, 1862; acquitted.

Harrison Reed, Florida, 1868; charges dropped.

William W. Holden, North Carolina, 1870; removed.

Powell Clayton, Arkansas, 1871; charges dropped.

David Butler, Nebraska, 1871; removed.

Henry C. Warmouth, Louisiana, 1872; term expired and proceedings dropped.

Adelbert Ames, Mississippi, 1876; resigned.—Evening Post, New York.

THE HALLOWAY EXPANDED METAL COMPANY.

C. Halloway, Jr., for many years identified with the metal lath industry, San Francisco and Los Angeles, has organized the Halloway Expanded Metal Co., having secured the coast agency for the Consolidated Expanded Metal Co. of Pittsburgh, Pa., manufacturers of "Steel Crete" Expanded Metal Lath and Steel Crete Expanded Mesh for reinforcing.

A large and complete stock will be carried here for prompt deliveries.

The lath is of excellent quality of diamond mesh type, and it is claimed to be heavier in weight than any other lath of same gauge, put up in sheets 24x97, while billed as 24x96, thus giving the purchaser the benefit of an inch for lapping purposes.

One of the recent prominent jobs using Steel Crete is the New York post office building.

The Consolidated people are among the largest manufacturers in the country of Steel Crete Expanded Metal.

The Steel Crete system of reinforced concrete is presented to the architects and engineers in a 150 page loose leaf hand book, containing tables, standards and useful information appertaining to the system and the use of

Steel Crete in reinforced concrete.

The Holloway Company have also contracted for the exclusive selling rights for the coast of the Electric Welded Studding Co., manufacturers of electric welded steel partitions and cold rolled channel iron. This partition as to cost and strength with the ease of erecting same, is without an equal in the market. The offices of the company are in the Monadnock Building, Telephone Sutter 2619.

PACIFIC GAS ATTACKS LAW.

A suit in equity to gain possession of a strip of land in the Talooe national forest reserve on which to construct the Drum power plant and conduits was filed yesterday by the Pacific Gas and Electric Company against David F. Houston, Secretary of Agriculture; Henry S. Graves, head of the forest service of the Department of Agriculture, and others, in the United States District Court. The power company maintains that the act under which the land was set aside for forestry purposes is unconstitutional.

UTILIZING THE STONE WALLS IN NEW ENGLAND

Nothing in rural New England is more adorable than the outburst of wild roses which begins about the middle of June and in some places lasts until the end of September. The wild rose bushes are frequently found clustering along the old stone walls which were formerly in great abundance and now are more and more rarely found dividing the hillside or seashore farms into pasture lots or corn fields or orchards. If there was any one product magnesite is produced in commercial which New England generously and even lavishly offered its masters when they first began to clear its wilderness, it was the materials for stone walls. They were impartially distributed under and over the soil. The stones were of every size and shape: there were huge ones for the lower course, and graduated minor ones to pile on top. In many places they could be made double thickness, with galls to fill in with superfluities. That often failed to exhaust the supply. It is odd that they were not used more for building houses, even as they found their place in lining deep wells where hung specimens of the old oaken bucket. Of late years, especially along the seashore, architects naving cast their eyes on them and seen in them artistic possibilities, the farmer have been glad to sell at rather high, certainly at growing prices, the old stone walls that their ancestors or the original owners of the land had created at such cost of time backs and sweaty foreheads. The disappearance of them has caused a considerable loss in the picturesque-ness of many localities. Around them as we have said, clustered the wild rose bushes, and the delicate pale pink blossoms looking like exotic butterflies gave a tender, poetic significance to the lichen-covered gray rocks which and even so patiently piled and kept piled for so many years. Wild roses do not stand picking very well. They

quickly drop their petals or fade away when put into vases; but if not interfered with, they keep up a sweet one may see the jeweled humming-bird poising over them, perfectly motionless apparently, though his wings are buzzing like a dynamo, then darting off like a coal of fire. June is particularly the season of the wild rose, and before the summer drought has yellowed the fields, the loveliest sight that can be seen at the seashore is a cluster of the dainty, single-petaled flowers against a background of lush grass bounded by the violet blue of the sunny ocean.—Boston Herald.

WORLD'S GREATEST EXPOSITION TWO-THIRDS COMPLETED.

At this time, one and one-half years before its formal opening day, February 20, 1915, the Panama-Pacific International Exposition is more than two-thirds completed. This estimate is based upon the total amount of work necessary in the complete preparation of the exposition. Every department of the exposition is pronounced by executives familiar with the organization of universal expositions to be further advanced than were those of any of the greatest expositions held in America at a similar pre-exposition period. Twenty-seven of the world's nations have accepted the invitation conveyed through the Department of State; this record is unprecedented at a time one year and one-half before the opening. Thirty-five states have selected sites for state pavilions. Almost seven thousand applications for concession privileges have been received. The applications for exhibit space would, if all were granted, exhaust the entire exhibit area.

Construction is far advanced. The most difficult part in exposition building is past. An immense amount of preparatory work has been accomplished. Ten of the fourteen huge exhibit palaces are now under construction. One building, the service building is completed. Contracts for three additional buildings will be let within a short period.

All buildings are being built under time contracts with definite limits for their completion. A number of the most noted sculptors in America have advanced far in the preparation of the sculptural models to be reproduced upon the exposition grounds. Under the direction of Mr. A. Stirling Calder some of the most important models are being enlarged in the sculptural warehouses.

About 3,000 men are now employed upon the exposition grounds. The esplanade, to lie before the main exhibit palaces, has been sown to grass, the freight ferry slip at the eastern end of the esplanade is completed and work on the passenger ferry slip is under way; the yacht harbor at the opposite end of the esplanade is practically finished; a considerable portion of the grounds is under railway track and within a short period cargoes may be unloaded at the freight ferry slips and transported by rail to any part of exposition grounds. The exposition company operates its own railway.

THE WEIGHTS AND MEASURES ACT.

The office of State Superintendent of Weights and Measures was created by act approved June 6, 1913. Appointment is by the Governor, and the salary is \$3,600 a year. He may appoint a deputy at \$150 a month.

The standard of weights and measures adopted by the United States shall be the standard for California.

It will be the duty of the Supervisors to appoint a county sealer of weights and measures at \$5 a day while actually employed. Legislative bodies of cities and towns may also appoint sealers.

The State Superintendent shall, at least once in two years, visit the various counties and cities and inspect the work of the local sealers. He is empowered to inspect the weights, measures, balances, etc., of any person, firm or corporation.

The State Superintendent shall investigate conditions in the counties and towns in respect to weights and measures, and to the sale of merchandise, commodities and foodstuffs in containers. His instructions and recommendations shall govern all local sealers.

Sale of weighing devices and measures without test and official seal is prohibited.

Use of false or incorrect weights or measures is a misdemeanor, and possession of them is prima facie evidence of intent to violate the law.

The net container act, approved May 27, 1913, applies to foodstuffs. Net quantity of contents of the container shall be plainly and conspicuously stated.

The act does not apply to sale of a commodity in a quantity for less than 11 cents at retail.

Unavoidable leakage, shrinkage, evaporation, etc., shall not be regarded as violation of the law.

A fine of not less than \$25 or more than \$500, or imprisonment for not more than six months, or both fine and imprisonment are the penalties.

The net container act takes effect April 1, 1914.

BURLESQUE ON THE CITY OFFICIALS

About twenty-five members of the Woman's Political League of California will appear in a vaudeville entertainment at Scottish Rite Temple on the afternoon of September 3rd and evening of September 4th. The plan of the show is an entirely original one, in which the members will appear as a complete make-up doubles of the city officials—the Supervisors, Mayor, Secretary, Clerk and Sergeant of Arm. The entertainment is full of humor, and is said to be entirely good natured with no vicious thrusts. Dr. Charles E. Aked, of the First Congregational Church, who is also a director of the Anti-Slavery Society, will give an address setting forth some of the aims and ambitions of this society of which Dr. Aked is a director. The two little daughters of Mr. and Mrs. John Polito will contribute a charming dance, and ti-kets is 75, 50 and 25 cent. Mrs. V. von Turner will sing an aria from Madam Butterfly. The price of

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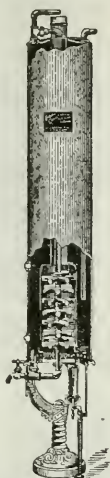
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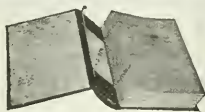


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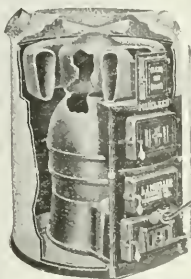
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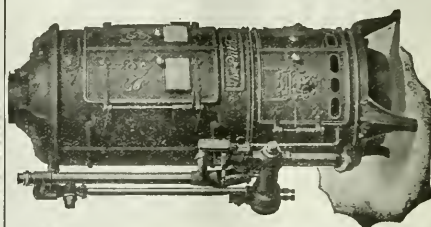
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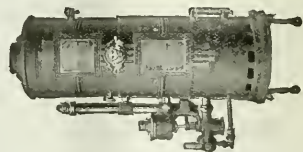
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Gilbertsen & Johns
Gilson, John E.
Hansen & Co.
Holding & Carman
Johnson, J. W.
Koberling, Jos.
Koldenstrodt, F.
McWhirter, Wm.
Mealey & Collins
Millerick, Phil. J.
Oberfeld, Chas.
O'Rourke, T. F.
Reed & White
Tingberg, John
Watson Bros.
Whitney & Davies

Brick Dealers.
Bay Develop. Co.
Carnegie Brick & Pottery Co.
City Supply Co.
Clark & Sons, N.
Diamond Brick Co.
Tile Co.
Gladding - McBean Co.
Golden Gate Brick Co.
McNear Brick Agency
Remillard Brick Co.
Steiger Terra Cotta & Pottery Wks
United Materials Co.
Vallejo Brick & Western Development Syndicate
Western Lime & Cement Co.

Building Journals
Building and Industrial News
Daily Pacific Builder
Jols & Manville
Co., H. W.
Magnesia Asbestos Supply Co.
Western Asbestos
Magnesia Co.
Western Builders' Supply Co.
Asphalt & Bituminous Paving.
Nugent, Robinson

Asbestos Materials
Jols & Manville
Co., H. W.
Magnesia Asbestos Supply Co.
Western Asbestos
Magnesia Co.
Western Builders' Supply Co.
Asphalt & Bituminous Paving.
Nugent, Robinson

Automobile Supplies.
Burgers, Fred W.
Holler & Pipe Covering.
Johns Manville Co., H. W.
Lewis, W. S.
Western Asbestos
Magnesia Co.

Bonds & Insurance
App, Chas W.
Agency Company
Aetna Life Ins. Co.
Brothers, Turner & Co.
General Acct'd Insurance Corp.
Gass, Samuel
Hayburn, Jas. C.
Illinois Surety Co.
Lloyd & Spengler
McLeans, H. V.
Marshall, A.
Frank Co.
Meherin & Son.
Mark M.
Pacific Coast Casualty Co.
Pacific Surety Co.
Strong, Beiden & Weber
Webster - Allport Co.

Brick Contractors
Alexander, Robt.
Allen, C. J.
Anderson & Rainey
Irennan, J. E.
Collin, Jean
Dillards, J. C.
Brake, H. C.
Pinnala & Seanolm

Arch. Sheet Metal Works.
S. F. Metal Stamp- ing & Corr. Co.

ment Syndicate.
Western Lime & Cement Co.
Whittier - Coburn
Woods & Hud- dard

Cement Dealers.
Algettinger, E.
Alsen's Portland Cement Co.
City Supply Co.
Cowell Lime & Cement Co.
Dwan & Co., J. E.
Guerrin & Co., J. S.
Holland, J. P.
Quality Lime & Cement Co.
Lilly & Thurston

Crushed Rock.
Bay Devel. Co.
Cal. Building Ma- terial Co.
Cussaretto, John
City Supply Co.
Standard Portland Cement Co.
Waterhouse & Price Co.
Western Lime & Cement Co.
Chimney's, Patent
Clawson Co., L. E.
Dremer, McDon- nell Co.
Dunley & Gettle
Hughes, H. J.

Concrete Contractors.
Barrett, Hilp.
Camp & Carrillon
Chalmers, H. A. (Inc.)
Chase, S. A.
Ciescent Concrete Co.
Dillon, H.
Eggen, A. C.
Flaherty, W. N.
Gass Bros. Co.
Giacco, M. H.
Grussel, Herman
Hansen & John- son.
Haun, C. C. W.
Hurley, P.
Leonard, J. P.
McCahe & Brown
McClanahan, T. W.
Mattison, J.
Mission Concrete & Mosale Wks.
Nilson & Arras
New Era Marble & Concrete Co.
Nugent, Robinson
Peterson & Co., Chas. T.
Rasmussen, A.
San Francisco Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Seargo, John
Stanquist & Tav- lor.
Szoke, Francis
Thomas & Sands
Westerlund, W. V.
Zimmerman, L. M.

Concrete Machs.
Bacon & Co., E. R.
Graves - Spears
Road Machs. Co.
Lilly & Thurston Co.
Lamore Co., Norman B.

Contractors' Equipment.
A. L. Young Ma- chinery Co.
Anpman Cornice Works
Bacon & Co., E. P.
Langford, Felt & Myers
Oronson, Ar- thur Koppel Co.
Cornice Works.
Atlas Heating & Ventilating Co.
Barth Cor. Wks.
Capitol Sheet Metal Works
Crown Cornice Works
Guilford Cor. Wks.
Connys & Negen
Fornier Cornice Works
G & M Sheet Metal Works
Heipner Sheet Metal Works

Crushed Rock.
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Standard Portland Cement Co.
Waterhouse & Price Co.
Western Lime & Cement Co.
Chimney's, Patent
Clawson Co., L. E.
Dremer, McDon- nell Co.
Dunley & Gettle
Hughes, H. J.

Damp Proofing.
Brickley, P. J.
Fox, John L.
Imperial Water- proofing Co.
Reigle & Jamel
Tazior, L. J.

Door Opener and Closer.
Rischmuller, Geo.
Electric Fixtures.
American Gas & Electric Fixture Co.
Calif. Gas & Electric Fixture Co.
Pacific Gas & Electric Co.
Electric Light Co.
City Electric Co.
S. F. Gas & Electric Co.

Electric Wiring & Equipment.
American Elect. Eng. Co.
Cal. Elec. Constr. Co.
Central Elec. Co.
City Protective Electric Co.
Decker Electrical Construction Co.
Farnsworth Elec- trical Works.
General Electric Constr. Co.
General Eng. Co.
Globe Electric Works
Harrington, W. S.
Hicks Elect. Co.
Kirsten, W. H.
Levy Elec. Co.
Manhattan Elec- trical Co.
McFell Elec. Co.
National Electric Co.
Netherberry, Bent
heim Elec. Co.
Pac. Fire Exin- gisher Co.
P. B. Roehde Elec Co.
Schmidschok M.
Standard Elec Co.
St. Charles, The
Waldman Elec. Co.
Wald Elec. Co.
Wald Electric Co.
Elevator Builders.
OHS Elevator Co.
S. P. Elevator Co.
Van Emom Eleva- tor Co.
Estimates.
Crane & Esso- man
Dillon, H.
Eggen, W. H.
Hick, C. F.
Mayer, F. J.
Pridle, Milton
Walker, J. M.
Church

Hibernia Sheet Metal Works
Hughes, H. J.
Hutchins Bros.
Idea Cornice Co.
Korell & Co., J. A.
Modern Sheet Metal Works
Morrison & Co.
Olive & Leary
United Metal Products Co.
Western Furnace & Cornice Co.
S. F. Metal Stamp & Corr. Co.

Crude Oil Burners.
Bill & Jacobson
Sherman, Kimball & Co.
Crushed Rock.
Bay Devel. Co.
Cal. Building Ma- terial Co.
Cussaretto, John
City Supply Co.
Standard Portland Cement Co.
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Cal. Elec. Constr. Co.
Central Elec. Co.
City Protective Electric Co.
Decker Electrical Construction Co.
Farnsworth Elec- trical Works.
General Electric Constr. Co.
General Eng. Co.
Globe Electric Works
Harrington, W. S.
Hicks Elect. Co.
Kirsten, W. H.
Levy Elec. Co.
Manhattan Elec- trical Co.
McFell Elec. Co.
National Electric Co.
Netherberry, Bent
heim Elec. Co.
Pac. Fire Exin- gisher Co.
P. B. Roehde Elec Co.
Schmidschok M.
Standard Elec Co.
St. Charles, The
Waldman Elec. Co.
Wald Elec. Co.
Wald Electric Co.

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OHS Elevator Co.
S. P. Elevator Co.
Van Emom Eleva- tor Co.

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Mayer, F. J.
Pridle, Milton
Walker, J. M.
Church

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Dremer, McDon- nell Co.
Dunley & Gettle
Hughes, H. J.

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Fox, John L.
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Reigle & Jamel
Tazior, L. J.

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Calif. Gas & Electric Fixture Co.
Pacific Gas & Electric Co.
Electric Light Co.
City Electric Co.
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Adams
Watsonite Co.
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Pac. Floor Sand-
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Guthrie Iron.
Baker & Hamil-
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Berger Mfg. Co.

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Cal. Gas & Elec-
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Day Co., Thomas
Gas Heating Sys-
tems.
Reector System
Gas Heating Co.
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Pumps.

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and Window
Glass Co.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Fuller Co., W. P.
Grosslicht & Din-
niene
Habeneht &
Hallett
Mission Plate &
Window Glass
Co.
Planner Plate &
Window Glass
Co.
Schwarz & Gott-
lieb
United Glass
Works (Inc.)

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Branick, J. P.
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Derrinetti & Co.,
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Jiffion Teaming
Co.
Galen & Carlin
Hartnett J. D.
Holland, J. P.
Lennon Co. J. E.
Leffler, Fred
Lugen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., Phil
O'Donnell, Philip
Powers, Chas. J.
Rahman & Woods
Schmid, A.
Sibley Grading &
Teaming Co.
Star Con. I. H.
Wright Co.

Granite Curbing.

Granite Granite Co.
Lead Granite Co.,
W.
Pacific Granite Co.
Placer Granite Co.
Gravel.
Bay Devel. Co.
Cal. Building Ma-
terial Co.
Federal Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Hardwood Deal-
ers.

Inland Floor Co.

Hardwood Inter-
ior Co.
Wood Lumber Co.,
F. K.
Hardwood Bldrs.
Baker & Hamil-
ton
Bennett Bros.
Brittain & Co.

Joost Bros.

Marshall - Newell
Supply Co.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hard'ware Co
S. F. Hardware Co
Smith Co., P. A.
Iron & Grate
Aigeltinger, E.
Heating & Vent-
ilating.
Abbach & Mayer
Julius Heating &
Ventilating Co.
General Eng. Co.
Kierman & O'Brien
Lawson, Herman
Looney Co., W.
Manngum & Otter
Snook & Co.,
Fred W.
Turner Co., The
Houses Movers &
Raisers.

Hatch, H. L.

Peabody, A. H.
Stratton, C. C.
Sullivan, D. J. & T.

Inland Floors.

Calli. Parquet
Floor Co.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.
Iron Foundry.
Enterprise Found-
ry Co.
Steiger & Kerr-
y Co.

Iron & Steel.

Baker & Hamil-
ton
Baker & Noyes
Judson Mfg. Co.
Woods & Huddart
Iron Works.
Art Metal Works
Bred Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Folsom St. Iron
Works.
Glasser & Kloeres
Golden Gate Iron
Works.

Hillard Co., C. J.

Michel & Pfeffer
Monarch Iron
Works
North Star Iron
Works
Ralston Iron
Works

S. F. Iron Works

Sartorius Co.
Schraeders Iron
Works
Security Iron Wks
Steger & Kerr-
y Co.
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Joist Hangers &

Foot Caps.
Kortick & Falls
Mfg. Co.
Lilley & Thurst-
on Co.
Roman Co., C.
Waterhouse &
Price Co.
Western Bldrs.
Supply Co.

Lathers, Wood &

Meint.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAfee, E. T.
Raymond, Wm. H.
Ward J. E.

Linoleum & Plaster

Deers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell & Lime
Cement Co.
Guerrin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.

Quality Lime pro-

ducts Co.
Western Lime &
Cement Co.
Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.
Krusse Co., J. H.
Hooper Lumber Co.
Higgins Lumber
Co., J. E.
Loop Lumber Co.
Macdonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson - Mahony
Lumber Co.
Pope & Talbot
Reinhart Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.

Van Arsdale-Har-

ris Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.
Yates, Wm. F.
Magnesite Floor-
ing.

Artolith Mfg. Co.

Bender R. & P. Co.
Dwan & Co., J. E.
Firestone &
Roofing Co.
Flaherty R. & P. Co.
R. H.
Goodman, A. K.
Malott & Peter-
son
Tiernan & Bero-
ni
Watsonite Co.

Manotels, Tiles &

Grates.
Ginsbros Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Manngum & Otter
Pearl's Agencies
Works.
Thompson, J. W.
Watson Mantel &
Tile Co.

Marble and Mosaic

Work.
Giacco, M. H.
Hendel, H. H.
Mission Concrete
& Mosaic Wks
Mission Marble
Works
Musto Sons-Keen-
nan Co.
New Era Marble
& Concrete Co.
Vernant Marble
Co.
Metal Lath.

Atlantic Fire &

Roofing Co., Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas.
Campbell, Chas.
Cashman, H. A.
Chalmers, H. A.
(Inc.)
Glosser, G. W.
Glosser & Kaiser
Cline, T. J.
Fay, John
Graham, R. G.
H. J. E.
H. V.
Chas.
Dunth, Simon
Fraser.
Frederick, G.
Glimmer, W. G.
H. J. E.
Knowles, A.
Leaf & Kaiser
MacGruer & Co.
McDonald
Orford J.
Hilbin, J. J.
Sexton, T. D.
Terranova, M. J.
The Pacific Plas-

terling Co.

Wagner, James A.
Plumbing and Gas
Fitting.

Ahlbach & Mayer

Alton, Thum. W.
Bosous Bros.
Bernard, Geo. F.
Condon & Band
Conor, B. J.
Empire Plumbing
Co.
Goss, Wm. P.
Grundy, Edward
Houston, J. J.
Kara, F. E.
Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettlich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
May, Gus
McEnhill.
McLeod, J. J.
Peckerton, J. H.
Perazzi, H. J.
Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Tippett, J. C.
Turner, J. The
Weitzel, Theo.
Plumbers Supplies
Mark-Lally Co.
Nelson Mfg. Co.
Railroad Agent,
Freight & Pas-
senger.
Kent, James B.

Railway Materials

Langford, Pelts &
Myers.
Orenstein - Ar-
thur Koppel Co.
Real Estate.
Ludwig, J. C.

Roofing, Gravel &

(Composition)
Anderson Roofing Co.,
B. F.
Bender Roofing &
Paving Co.
Calumet Co.
Cantley & Co., J.
Enterprise Roof-
ing Co.
F. Robinson &
Roofing Co.
Flaherty, R. H.
Goodman, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lovett Bros.
Malott, Peterson
& Adams
Parry & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thibbets Roofing
Co.
Western Asbestos
& Magnesite Co.
Western Felt and
Refining Co.

Roofing (Slate &

Graham, R. G.
White, Ed. A.
Roofing Materials.
Johns - Manville
Co., H. V.
Paradise Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.

Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. &
A. L.
Western Building
Material Co.
Western Develop-
ment Syndicate.

Sanitary Garbage

Chuen.
Bill & Jacobsen

Saud Blasting.

McDermott, W.

Sheet Metal Wks.

Appman Cornice
Works
Atlas Heating &
Ventilating Wks
Barth Cornice
Works
Capitol Sheet
Metal Works
Comyns & Nygren
Crown Cornice
Works
Forderer Cornice
Works
G. & M. Sheet
Metal Works.
Gulifoy Cornice
Hibernia Sheet
Metal Works
Helper Sheet
Metal Works
Hughes H. J.
Humboldt Bros.
Ideal Cornice Wks
Korell & Co., J. A.
Modern Sheet Met-
al Works.
Morrison & Co.
S. F. Metal Stam-
ping & Corr. Co.
United Metal
Works
Western Furnace
& Cornice Co.

Sidewalk Lights.

Berger Mfg. Co.
Dwan & Co., J. E.
McGuigan & Co.
John
Penix Sidewalk
Light Co.
Waterhouse &
Price

Stair Builders.

Bishop & Perrano
Boller, John
Jacobson, J.
Johnson, Wm.
Long, E. W.
Porter, W. F.
Stewart, J. K.

Stationery.

Foster & Short
Wright, J. H.

Steel Bars.

Baker & Hamil-
ton
Dawson & Noyes
Woods & Hud-
son

Steel Erector.

Williams Con-
struction Co.

Stenography and

Typewriting.
Waterson, Elliott

Store Fronts

Kawner Mfg. Co.
Waterhouse &
Price
Western Builders'
Supply Co.

Structural Steel

Contractors.
Judson Mfg. Co.
Schraeders Iron
Works
Western Iron Sup-
ply Co.
Woods & Huddart
Structural Contractor.
Conhlian & Eli-
liott.

Stoves.

Mangrum & Otter
Steiger & Kerr

Structural Steel

Contractors.
Iron Iron Wks.
Drew Bros.
Golden Gate Iron
Works
San Francisco
Al.
Ralston Iron Wks.
Schauer, Fred K.
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Morse, E. V.
Sanborn & Corin-
son
**Teaming & Grad-
ing.**
Brantley, J. P.
Button, L. V.
Devenenzi & Co.,
L.
Dillon Teaming
Co.
Gallen & Carlin
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Leffler, Fred

Peerless Agency.
Co.
Thos.
Watson, Martin
Vacuum Cleaners.
Bill & Jacob
Sherman, Kimball
Wall Beds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works.

Whitewashing.
Brickley, John
Reigle & Jameison
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Glass and Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cobbeduck Glass
Co., L. N.
Fuller, W. P. &
Co.
Habenicht &
Hawlett
Holland, J. P.
Schwarz & Gutt-
leib (Inc.)
**Grading & Team-
ing.**
Church, D. O., Co.
Dillon, D.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, P. A.
Wright, Chas.
Monarch Teaming
Co.
Shley, L. B.
McLennan, S. H.

S. F. Lime Co.
Raymond, W. H.
Curling, Granite.
McLennan, S. H.
Door Openers.
Rischmuller, Geo.
Electrical.
California Electric
Central Electric Co.
Chlor Electric Co.
Decker Electric Co.
Globe Elec. Co.
Hambright W. S.
Levy Elec. Co.
National Elec. Co.
Oris Elevator Co.
Van Emon Elevator
Co.
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Norris, L. A.
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PHONE KEARNY 4700

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Hillard, C. J. Co.
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Phoenix Iron Wks
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ing Co.
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Co. of Maryland
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ualty Co.
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United States
Metal Products
Co.
United States
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Guaranty Co.
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Carey, J. E.
Carnegie Brick &
Pottery Co.
Carquinez Brick &
Pottery Co.

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Peterson - Karls-
choke Brick Co.
Remillard Brk. Co.
Sacramento
Trans. Co.
San Fran. Bk. Co.
San Jose Brick Co.
Steiger T. C. and
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ing Material
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Hoyd & Moore
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Co.
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Balfour, Guthrie
Co.
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ment Co.
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Pacific Portland
Cement Co.
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Materials Co.
Standard Portland
Cement Co.

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
rison Co.
Foster & Vogt.
Goodman Artifi-
cial Stone Co.
Hau, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
Leonard, J. P.
Lynch, A.
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Stanquist & Tay-
lor.
Stanquist &
Forbes
Zimmerman, L. M.
**Concrete Rein-
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Lilley & Thurston
Co.
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Builders.**
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Boring, F. H.
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Brady, H. Bros.
Burdick, Wm. A.
Caldwell & Co.
Cameron & Dis-
son.
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zina.
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Cobby, J. W.
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Lewis
Days' Sons, T. H.
Dewar, R. & Son.
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Fahy, E.
Fischer, Fred.
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Jacks, H.
Jones, W. G.

Kent, S. H.
Knowles & Reich-
ley.
Lang & Bergstrom
Leiter, E. T. &
Sons.
Lynch, M. C.
Lynch, P. J.
Masow & Morrison.
Mathews Con. Co.
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Wm.
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Miller, Adam.
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son.
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lespie.
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Stockholm & Al-
lyn.
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penters)
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Works.
Guiffy Corniee
Works
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Works.
Heldt, Wistey
Morrison & Clark
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**Contracting
Lather.**
Lynch, Richard
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griff
Knykendall &
Malley, Edward

Peacock, John
Van Sant-Hough-
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Hawlett
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leib (Inc.)
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ing.**
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C. L.
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ter Co.

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Connell, J. E.

Fay, John
Pelt, R. D.
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THIS WEEK'S ILLUSTRATIONS:

The Brownlee Apartments, San Francisco.
Designed By Architect Henry C. Smith,
San Francisco.

Modern Apartment Flats Erected In Sac-
ramento. Designed By Architect A. Will-
oner, Sacramento.

WEDNESDAY, SEPTEMBER 10, 1913.

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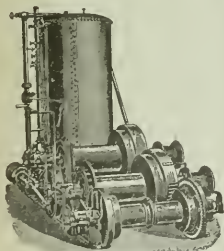
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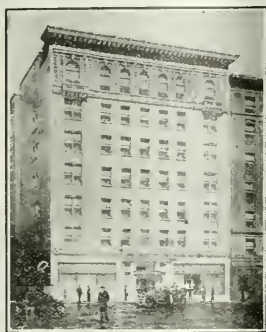
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Benj. G. McDougall, Architect.
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South and east cement walls waterproofed with Imperial Water Proofing. Color effect produced with Imperial Concrete Finish to match stone work of street fronts.



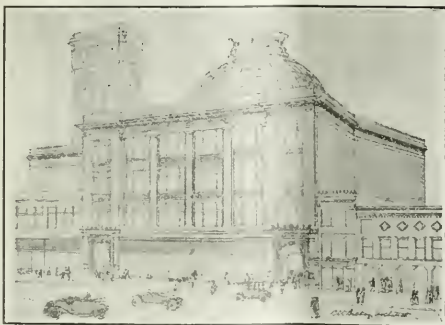
METCALF HOTEL, Geary nr Taylor.
Righetti & Headman, Architects.

Interior walls dampproofed with Imperial Damp Proofing. Exterior walls waterproofed with Imperial Water Proofing. Color effects with Imperial Pigments.



TEMPORARY CITY HALL, San Francisco
Wright, Rushford & Cahill, Architects

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C. W. Dickey, Architect.

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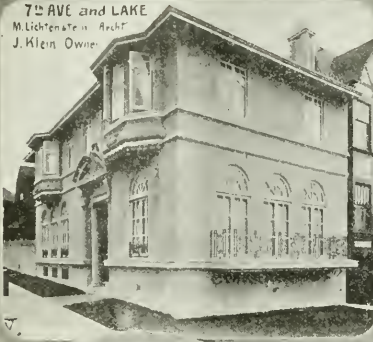
GERMAN HOUSE, San Francisco
Frederick H. Meyer, Architect

Stone and terra cotta work treated with Imperial Water Proofing for preserving and to prevent discoloration

A Few of the Buildings on which IMPERIAL WATER PROOFING and IMPERIAL WALL FINISHING Products are used

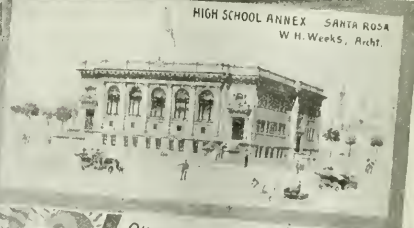
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San Francisco

7th AVE and LAKE

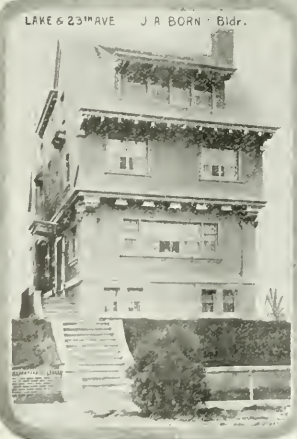
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Double Casement Window. Double case window with awning over top.

PLAN OF SIMPLE SINGLE CASEMENT WINDOW

Single Case Window. Single case window with awning over top.

SIMPLEX DOUBLE WINDOW

Simplex Double Window. Double case window with awning over top.

Simplex Double Window. Double case window with awning over top.

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Simplex Double Window. Double case window with awning over top.

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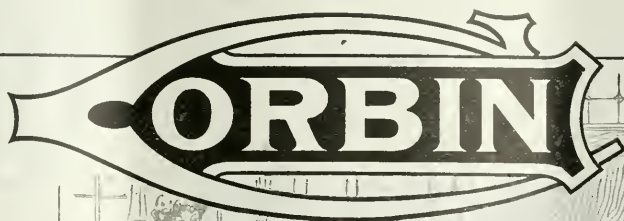
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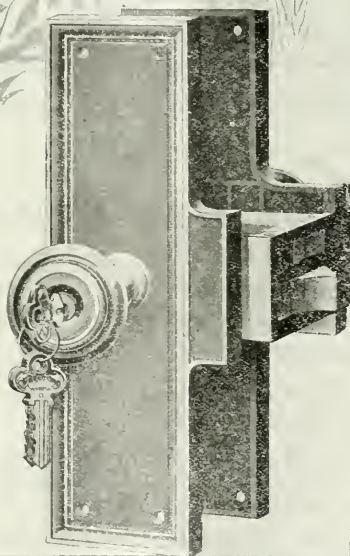
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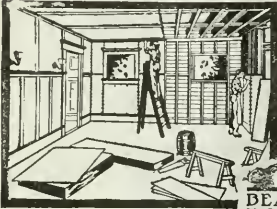
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Building and Industrial News

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of the Pacific Coast.

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OFFICIAL ORGAN

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CONTRACTORS' AND DEALERS'
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Editorial Comment.

Building operations for the month of August in San Francisco were less than for the preceding month of July. Altogether there was a total of recorded contracts and building permits amounting to \$1,735,656. This was for private construction only. It was divided as follows: Brick and fireproof construction \$867,321; frame buildings, \$712,327; alterations and additions, \$144,143; Panama-Pacific contracts, \$31,365. To these may be added city and construction amounting to \$1,089,279 making in all a grand total of \$2,844,945.

While August was less than June and July, as a general thing August is lax in building activity. Comparative figures from the files of this paper, for private construction outside of the Panama-Pacific work for the last ten years, are as follows:

August, 1904	\$1,565,568
August, 1905	1,579,514
August, 1906	5,640,508
August, 1907	4,030,087
August, 1908	2,597,110
August, 1909	2,588,723
August, 1910	1,743,587
August, 1911	1,686,513
August, 1912	1,797,408
August, 1913	1,723,801

It will thus be seen that the figures for the last four years have been practically the same for the month of August. So that while things generally have been dull and a general complaint that there is nothing doing, still the fact remains that contracts were let to somebody for about the usual amount of construction. No government work was contracted for during the month of August nor was there any work done by the State within the city limits. Generally speaking the month has been about an average one and the prospects seem to be that the advancing year will bring better business toward the close.

The best seller among the German novels of the summer season is "The Tunnel." Like so much in recent German romantic and melodramatic literature, it deals with New York society life. The story gets its name from the fact that the author, Herr Kellerman, selects for his hero a daredevil young engineer, who conceives the gigantic project of connecting Europe and America with a tunnel. Some of the newspapers who are reviewing "The Tunnel" say that it would probably be as much a mistake to ridicule the suggestion as it was to scoff at some of the ideas first launched by Jules Verne and H. G. Wells, which, in the meantime, have become every-day actualities. One commentator has figured out that the shortest tunnel route between the Old and the New World would lie between Cape Ortegal, Spain, or Brest,

France, and Cape Charles, Labrador, a distance of about 2,250 miles.

The visit of Franklin K. Lane to his home town as Secretary of the Interior comes at a fitting time when the Hetch-Hetchy measure has passed the House. Lane was City Attorney of San Francisco when the agitation for the water supply first began.

As a member of the Interstate Commerce Commission, Lane has done notable work for the government. In his present capacity he has outlined his policy as being progressive, but at the same time thoroughly practical. He advocates the development by hydro-electric companies of as much power as they can sell, the rates or royalties paid to the government being regulated in proportion to the price paid by consumers. To this the electric companies can have no legitimate objection as it means use without monopoly or oppressive charges.

He advocates the building of a Government railroad in Alaska. In this he is absolutely right. And of course in this he has incurred the enmity of the Guggenheims and their satellites, for with them Alaska is a fair field to be exploited for their own aggrandizement.

The trouble in Alaska has been, as it is in all other places, not the restriction of development due to conservation, but the obstruction of all measures tending to government development by the reactionary members. If the Secretary of the Interior can build the railroad in Alaska, and everybody can mine on a leasing proposition, Alaska will go ahead by leaps and bounds in spite of the Guggenheim-Morgan Syndicate and a great deal faster than if they were given the whole territory outright.

At last the Hetch-Hetchy measure has passed the House of Representatives. There seems to be little doubt that it will also pass the Senate and it is safe to say that before the year is out San Francisco will be well on the way to acquire a water supply in the Sierra Mountains. And what a struggle it has been! Befogged with every conceivable opposition, unnamed titles to mythical lands, Engineers' reports that meant nothing, objections of fools under the name of nature lovers, and the constant attacks of the subsidized press, both here and in the East, the city has spent about fifteen years of time and countless thousands of dollars for something which should have been had for the asking. So it is always when anything is attempted to be done for the public good. The greed of private corporations and the insane prejudice that still exists in the minds of some people for the special interests is driving the world and political thought nearer toward socialism every day.

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Electricity and the Architect.

The Question of House Illumination and Kindred Topics Discussed by C. S. Walton,
District Agent Southern California Edison Company.

It may generally be said that the architect in America is always alert and ready to adopt any new and practicable device which will add to the comfort and convenience of the occupants of the buildings designed by him.

In no other country are there so many modern conveniences provided in plans and specifications, and it is due to this fact that the luxury of yesterday has become the necessity of today, and it is true that were it not for the watchfulness of the architect and his ability to see ahead and provide for certain developments along certain lines our house would be out of date in some respect before they were fairly occupied.

In Southern California the small house (on a large lot) has reached its highest development. The so-called bungalow is not a summer cottage for temporary occupancy, but is an artistic little home, substantially built, and designed to satisfy the requirements of people who are used to and must have all the conveniences and comforts. The transition from the bungalow to the palace is gradual and runs through a variety of houses, charming in aspect and perfect in appointment, but the bungalow must be so planned that its occupants may enjoy in a measure the same comforts as those who dwell in more pretentious structures. The reason for this is found in the fact that a large portion of our population is made up of well-to-do people who come here for the climate and for rest. They have had big houses and have struggled with the servant question and the social whirl and now they want peace and quiet, with sunshine and flowers and that freedom from care which the small home provides.

The architect has done wonders in developing this home along practical as well as artistic lines. It is a home for both the well-to-do business man, active or retired, and the man on a salary. Let us go through one of them and discuss its electrical requirements, having in mind the fact that electricity is now very cheap and may be used freely, if not wasted, without producing an unreasonably large bill at the end of the month.

The wasting of electricity is not well understood. Most people feel that if they turn off the current when they have finished with it all waste is stopped, but they do not know that their lights may be using twice as much current as would be necessary if they were properly placed and the glassware was of a character to give the best results in an economical way. Improperly placed lights and unscientific glassware will every day waste as much current as all other appliances in the house consume. In this one respect the architect can save his client a very considerable sum every month.

Seeking of appliances, and by this is meant all the various electrical de-

vices which perform useful service in the household, they use very little current, and as their use is for a comparatively short time, the cost of running them is small compared with the service they render.

Illuminating engineering is a well-developed science. The engineer will take the dimensions of any room, and after learning the use to which it is to be devoted and the general color scheme of ceiling and side walls, will quickly determine the proper location for the lights, their size and the type of reflecting glassware necessary to give exactly the right illumination without wasting the light where it is not needed.

Consumers often complain that they have to use extra large lamps in order to be able to see to read and they blame the lighting company's service. Investigation generally develops the fact that an ordinary lamp, if properly placed, would supply ample light for reading fine print and the consumer is simply the victim of an unsatisfactory lighting arrangement.

From the viewpoint of economical use of current for light, and this is an item that must be met every day, dark side walls that absorb light wit out reflecting it are responsible for doubling the light bill. This is an ultra conservative statement of a scientific fact, and besides the dark walls are depressing and are unsuited to the Southern California home.

Scientific papers frequently contain articles on the effect of strong light on the human eye and it is recognized that in this generation the eye is being subjected to a strain many times greater than it was intended to stand. What the ultimate effect of this unnatural condition will be easy to predict, but it may be greatly improved by the illuminating engineer who always takes this fact into consideration when preparing a lighting scheme.

From the foregoing it will clearly be seen that much of the comfort and well-being of a household, as well as its economies, are dependent on the architect, and if he is not an illuminating engineer he will do well to consult with one.

The Southern California Edison Company has several high-grade illuminating engineers in its forces whose services are at the disposal of architects and the public without charge. These men have solved many difficult lighting problems for architects and have effected large economies which were greatly appreciated by the company's consumer.

Let us take a look at that bungalow. It is night and we will drive to it. We have some difficulty in locating it because the porch light is not burning and we cannot see the number. As we get out in front of the house the porch light is switched on, but still we cannot see the number because it is in the wrong place and the light does not strike it. House numbers

should always be located where the porch light will illuminate them. How many times have you had to lay down an interesting book or interrupt a quiet little game to inform the inquiring stranger at the front door that the number he is looking for is in the next block.

Th epoch light is one of the most useful lights about the house. It gives the place a cheerful look and is better than a night watchman to keep prowlers away. If all the houses in the block burned their porch lights all night robbers and thugs would select some darker neighborhood for their work. This idea has received the cordial approval of the police departments of many cities. To burn a porch light all night costs much less than one would think. Let us figure it:

Take a twenty-five watt lamp, which consumes twenty-five watts an hour, for say twelve hours, which makes 300 watts a night. For thirty nights it would amount to 9000 watts, which equal nine kilowatt-hours added to the monthly bill would be a small addition for the results obtained; much less than you would pay for a watchman.

Let us ring the door bell. We hear its sound and know that someone will answer. The architect has located it where it may be heard in every room and it is rung by the lighting current through a little bell transformer; no dry batteries to give out and the cost of the transformer paid many times in saving in repairs to bells and batteries. The amount of current used could hardly be measured and it lasts forever.

We are in the living room which is quite large. How pleasant is the light from the semi-direct fixture. It is reflected from the ceiling against the side walls and shows the pictures perfectly. There is not a light in the room to glare into the eyes; you can face in any direction without being blinded. On the table is an ornamental lamp connected with a receptacle in the floor, while on the upright piano is a lamp which lights only the music and keys, and is connected to a receptacle in the baseboard. A well-shaped standing lamp by a grand piano will be both ornamental and useful. The base board receptacle will be needed in the day time for connecting the portable vacuum cleaner which is in such general use.

We pass into the dining room where electricity finds a dainty use in preparing many things for the table. The supply of current comes from the floor and the dining table is wired so that at a convenient point under the edge are several receptacles to which may be attached the coffee percolator, the toaster, the chafing dish, the griddle and the small stove. Ornamental lights for the decoration of the table may also be attached to these receptacles.

If there is objection to bringing the floor plug through the rug the floor

receptacle may be located at the edge of the rug and one heavy cord run to the table receptacles. The floor receptacle should then be so located that the cord will run under a chair at the head of the table where it will not be in the way of a person moving around the table.

A receptacle in the basement supplies the current for an electric fan, or a luminous heater to take the chill off a cold room on a cold morning, besides being useful for the vacuum cleaner.

In the kitchen the use of electricity becomes greater every day. The electric stove is now perfected and practicable and is economical in the consumption of current. It will do all the cooking, but is not adapted to boiling large quantities of water, which should be done by gas. Many homes have electric ovens and fireless cookers built into the walls, where they take up no room and are a great comfort and convenience.

Over a shelf against the wall is a row of receptacles to which may be connected any or all of the appliances used in the dining room and in addition the electric iron, knife grinder, silver polisher and the ice cream freezer, as well as the fan.

On the back porch is a receptacle for the electric iron, the washing machine and the wringer, which are in very general use. The small electrically operated refrigerator, using no ice, is on the way and must be provided for.

Sufficient thought is rarely given to the supply of electricity in bedrooms. A well-planned home should have two baseboard receptacles in each of these rooms, one by the bed for the hearing pad, vibrator and milk warmer, and another by the dresser for the curling iron, fan, shaving mug and ozonator, and for the sewing machine motor if there is no sewing room in the house. The vacuum cleaner and possibly the electric iron will be used in every room.

Sleeping porches should also be provided with a receptacle as the heating pad is indispensable in taking off the chill of the bed and driving away dampness.

The bathroom should have one receptacle for the vibrator and luminous heater, the shaving mug and the immersion heater.

Every closet should contain one well-placed light and particular attention should be given to the location of the telephone so that it may have light near at hand.

The garage should be connected to the house by a three-way switch so that the lights may be turned off or on at either point, and the light should be located at the corner of each building and in such a way that no dark places in the yard will afford a hiding place for the prowlers. Such an arrangement will be found most useful in going to or from the garage and in illuminating the yard in case of attempted burglary.

Appliances should never be attached to lighting fixtures, as the fixtures will soon get loose and out of order and are not wired heavily enough to carry the necessary current safely. Receptacles in the dining room, kitchen and screen porch should be on circuits of extra heavy wire separate

from lighting circuits, in order to carry ample current and possibly to effect a considerable economy in event of specially low rates being made for current used for other purposes than light. It is important that receptacles, except those designed for some specific purpose, be all of the same type and size, as nothing is more annoying than to find that a certain receptacle will not receive some appliance without a change of the plug.

A good rule to follow in planning a home is that when all the lights are turned on there will not be found a dark or poorly lighted place in any part of the house. Providing an ample supply of electricity does not necessarily mean the extravagant use of it, but it means convenience and com-

fort, and if the house is offered for sale it will surely be a most attractive feature to the possible purchaser.

The ample wiring of a house should be considered of the utmost importance and it should be done when the house is being built, as it is very expensive, unsightly and sometimes almost impossible to add to the wiring after the plastering has been done. The difference in first cost between a poorly and a well-wired house is small in comparison with the added convenience and attractiveness of the latter, and it is not an exaggeration to say that insufficiently wired houses will soon be considered old-fashioned just as were the houses of a few years ago that were not piped for gas.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

OAKLAND, CAL.—Apartment house, 6-story and base, brick and steel. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owners, Buguiere Co. This work has been mentioned here a number of times before. Contracts for the steel work and foundation work have been let. Plans for the carpentry work are now out for figures. The building will be erected at the corner of 12th and Grove streets. Bids are also being taken for the plumbing on the same building.

EUREKA, HUMBOLDT CO., CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architects, Ackerman and Reese, Eureka. Owners, W. S. Clark and G. P. Georgeson. The building will be erected at the corner of 5th and J streets, covering a considerable area. Suite, will contain from two to four rooms, all with private baths and wall beds. Interior finish will be of pine and hardwood. There will be a central heating system, probably steam heat, and a hot water plant. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel \$50,000. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Imperial Apartment House Co. The building has been designed to contain 100 rooms which will be arranged in two and three room suites, and will be erected on Maryland street near Bixol on a lot 50x132 feet. Interior finish will be of pine and hardwood. Marble and tile will be used in the vestibule. All suites will have wall beds and private bath rooms. Plans provide for steam heat, freight and passenger elevators, a vacuum cleaning system and hot water plant. Bath rooms will have composition floor and tile wainscot. Exterior of the building will be faced with pressed brick. Plans will be ready for figures by the end of this month.

LOS ANGELES, CAL.—Apartment house addition, 3 story and base, brick. Cost not stated. Architects, Montgomery & Montgomery, Trust and Savings Bldg., L. A. Owner, Mrs. Katherine McCarty. The building will

cover an area of 55x58 feet and will contain 45 rooms and 15 baths. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be steam heat and elevator service. A hot water system and vacuum cleaning plant will be installed. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Apartment house, 12 story and base. Class A construction, \$600,000. Architect, G. J. Nichols, 1932 2nd Ave., Seattle. Owner, E. G. McKelvey, Washington Apts., Seattle. A site in the down town district has been secured, but the owner will not announce the exact location for some time. The building will cover an area of 120 feet by 210 feet, and will contain in the neighborhood of 300 rooms. Apartments will be arranged in suites of from two to six rooms. Construction will be fireproof throughout with steel frame, concrete walls, floors and roof. Interior partitions will be of hollow tile and metal bath and plaster. Plans provide for steam heat, elevators, vacuum cleaning system, electric generating system and cold storage plant. Interior will be finished in pine and hardwoods with special finish in the larger suites to meet the taste of the tenants. Exterior of the building will probably be faced with cement plaster. Further mention will be made of the work as the plans progress.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$72,000. Architects, Welsh and Carey, Merchants' National Bank Bldg., S. F. Owner, Sewall Doherty, Contractor, Henry Jacobs, 110 Jessie street, S. F. Contract price, \$72,000.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick, \$35,450. Architects, Metcalf and Davis, 28 American Ave., L. A. Owner, Edward T. Hatfield, Contractor, T. H. Forrest, 2161 Olive St., L. A. Contract price, \$35,450.

BANKS.

LOS ANGELES, CAL.—Bank addition, 6 story and base, reinforced concrete. Architects, Parkinson

& Bergstrom, Security Bldg., L. A. Owners, Citizens' Savings Bank of Los Angeles. This work has been mentioned here before when the architects were first commissioned to prepare the plans. The entire first floor will be remodeled for the bank and upper floors will each contain sixteen offices. Construction will be fireproof throughout. Exterior walls will be faced with pressed brick and terra cotta. Metal window sash and frames will be used. There will be steam heat, elevator service and a vacuum cleaning system. Plans are complete and figures will be called for at once.

Contracts Awarded.

RIVERBANK, STANISLAUS CO., CAL.—Bank, 3 story and base, brick and steel, \$35,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, First National Bank of Riverbank, Contractor, H. A. Hansen Fresno. This contract calls for the plain and reinforced concrete work, brick work and carpentry work. Owners will furnish most of the materials.

BRIDGES, DAMS AND HARBOR WORK.

WOODS CREEK, SAN MATEO CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans and specifications for the construction of a reinforced concrete road bridge over Woods Creek in the Fourth Road District have been completed and approved by the Board of Supervisors. Bids are now being called for and will be opened by the Supervisors on September 15th. Plans can be secured from the County Surveyor at Redwood City.

COLMA, SAN MATEO CO., CAL.—Culvert and end walls, reinforced concrete. Cost not stated. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans for a reinforced concrete culvert with concrete end walls are complete and now out for figures. The culvert will be erected on the County Road from Colma to the ocean. Plans can be secured from the County Surveyor at Redwood City.

SAN CARLOS INDIAN RESERVATION, ARIZ.—Bridge, 2 steel and concrete. Cost not stated. Engineer, Department of Indian Affairs, Washington, D. C. Owners, United States Government. Bids are now being called for on the construction of two steel span highway bridges which are to be erected over the Gila and San Carlos rivers on the Indian Reservation. Plans can be secured from the United States Indian office in San Francisco or direct from the Department at Washington. Full particulars as to freight charges etc., can be had upon application to the Sup't. of the School. Bids will be opened in Washington, D. C., on Sept 22nd. An official proposal appears in this issue.

CHURCHES.

PORTLAND, ORE.—Mausoleum, 1 story and dome steel and granite, \$25,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Edward

Holman. The building has been designed in the classic style with a steel frame and exterior walls faced with California granite. Dome will be covered with copper. Interior will be finished in metal and stone. Marble will also be used extensively. Plans are complete and ready for figures.

REEDLEY, FRESNO CO., CAL.—Church, 1 story, frame, \$5,000. Architects, Starbuck & Clark, Forsyth Bldg., Fresno. Owners, First Mennonite Church of Reedley. The building will occupy the site of the pre-ent structure which will be moved back on the lot and used for Sunday school rooms. Main auditorium in the new building will have a seating capacity of 400 people. Interior finish will be of pine and redwood. Heating and ventilating systems will be installed. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures will be called for at once.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Packing plant, 3 story and base, reinforced concrete, \$50,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Workmen Packing Co. This work has been mentioned here before when the architect was first commissioned to prepare plans. The building will be erected on the north line of Harrison street between 4th and 5th streets, covering a large area. First floor will contain the general office, shipping department and storage space. Upper two floors will contain the packing plant and cold-storage rooms. The flat slab type of construction will be used. There will be a large amount of special machinery required. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Laundry, 2 story and base brick, \$2,500. Architect, none. Owner, Peter J. Smith, 739 Folsom street, S. F. The building will be erected on West Pitch street south of Folsom covering an area of 25x70 feet. Interior of the second floor will be finished in pine throughout. Special machinery will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SALEM, ORE.—Warehouse 2 story and base brick. Cost not stated. Architect, Fred L. Leg, Alinsworth Bldg., Portland. Owner, R. P. Boise. The building will be erected near the railroad tracks and will cover an area of 52½ by 85 feet. Construction will be extra heavy. Interior finish will be of pine throughout. Metal window sash and frames will be used. There will be fireproof doors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

PEARL HARBOR, HAWAII.—Cold storage plant, reinforced concrete construction, \$15,000. Engineers, Bureau of Yards and Dock, Washington, D. C. Owners, United States Government. Plans and specifications are complete and out for figures for a cold storage plant to be erected at the Naval Station at Pearl Harbor. Plans can be secured direct from the Bureau of

Yards and Docks at Washington, D. C., or from the Commandant of the Naval Station at Pearl Harbor. Bids will be opened on October 18th. An official proposal appears under the heading of Official Advertising in this issue.

SEATTLE, WASH.—Warehouse, 7 story and base, reinforced concrete, \$125,000. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, A. Humbach & Co. The building will be erected at the corner of First avenue and King street and will cover a large ground area. Construction will be fireproof throughout with reinforced concrete walls, floors and roof. Interior partitions will be of hollow tile and metal lath and plaster. Fireproof doors, metal window sash and frames are specified. There will be elevator service, steam heat and parcel chutes. First floor will be arranged for the general offices of the company and will be handsomely finished in pine and hardwood. Exterior of the building will be faced with cement plaster. Bids are now being taken for the general construction. Figures on the plumbing, heating and electric work will be taken later.

SEATTLE, WASH.—Cold storage warehouse, 2 story and base, reinforced concrete, \$1,000,000. Architect, Paul P. Whitman, Central Bldg., Seattle. Owners, Port of Seattle Commission. This project is a part of the Seattle Port Commission's plan for the East Water Terminal. The building will be constructed in two units, each of which will cost about \$500,000. Plans for the first unit are now underway. When complete the building will have a capacity of 2,000 carloads. Only preliminary sketches have been prepared. Further details will be given as plans progress.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$1,500. Architect, none. Owner, Conrad Young, North Point near Polk street. The building has been designed to contain two flats and will cover an area of 23x53 feet. Interior finish will be of pine and redwood. Some hardwood floors will be used. Each flat will have a 30 gallon boiler. Open fire places will be used in the living room. Mantels will be of tile. The wainscot will be of tile in the bath rooms and kitchens. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$1,800. Architect, none. Owner, J. H. Thorup, 6124 California street. The building will be erected on the west side of 26th avenue north of California street and has been designed to contain two modern flats of five rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Each living room will have a large open fire place and brick mantel. Bath rooms will be finished in tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Brick veneer base will be used. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, William

Kleeman, 188 Page St., S. F. Owner, James Hagan. The building will be erected on a lot 19x65 feet on the east side of Elgin street north of Duboce avenue. There will be three flats of five rooms and bath each. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms. Each living room will have an open fire place with tile mantels. Vestibule will be finished in marble and mosaic. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architect, none. Owner, J. Johnson, 489 9th Ave., S. F. The building will cover an area of 25x 64 feet, and has been designed to contain two modern five room flats. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, alterations and repair, 2 story frame, \$3,000. Architect, G. A. Berger, 138 Octavia St., S. F. Owner, J. P. Mirassou, 3031 22nd St., S. F. This work will consist of the addition of one story to the present building and extensive alterations. Included in the work will be new plumbing, painting, plastering and electric work as well as new interior finish. Exterior of the new portion of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Flats, 2 story and base, frame, \$5,000. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Mrs. M. A. Lindbloom. The building will be erected on the south side of Parker avenue near Hillegass and will contain two five-room flats with baths. Interior finish will be of pine, redwood and some hardwood. Each living room will have a large open fire place and brick or tile mantel. Hardwood floors will be used in the principal rooms. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will shortly be taken.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$8,500. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Linda avenue, and has been designed to contain four apartment flats each of four rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and the wainscot. Each apartment will have a wall bed. A hot water system will be installed. Exterior of the building will be covered with brick veneer and rustic. Plans are being prepared.

which were opened on dates indicated below, are pending in the office of the supervising architect.

Casper, Wyo., construction, complete, April 7.

Fresno, Cal., hoistway and freight lift, July 17.

Grass Valley, Cal., construction, complete, June 30.

Grand Junction, Colo., construction, complete July 24.

Pocatello, Idaho, construction, complete May 28.

San Francisco, Cal., subtreasury, electric vault system, June 20.

Riverside, Cal., Post Office.

The Southwestern Construction Co., 328 Central Bldg., Los Angeles, Cal., who has the contract for the construction of the U. S. post office, Riverside, Cal., will use lighting fixtures manufactured by the Reading Chandelier Works in lieu of the California Fixture Co.'s fixtures whose order cannot be filled. No change is made in the contract price.

Spurs and Sidings, Fort Russell.

All bids received for the reconstruction of railroad spurs and sidings at Fort D. A. Russell, Wyo., have been rejected. All offers were considered excessive.

Valves, Belle Fourche Project.

The following bid, were opened by the U. S. Reclamation Service under advertisement No. 213, for furnishing balanced regulating valves for the Belle Fourche project:

Advance Machine Co., Los Angeles, Cal., \$85; 21 days.

Maine Machine Works, Los Angeles, Cal., \$90; 14 days.

Fulton Engine Works, \$151; 14 days. All deliveries Los Angeles, Cal.

Canal Commission Awards.

Awards have been made during the past week by the general purchasing officer of the Isthmian Canal Commission for furnishing supplies for the Panama Canal as follows:

Under circular 778, 2 floating caissons, bids opened July 21.

Union Iron Works, San Francisco, Cal., for 1 caisson only, \$339,760.

Bids for the 2d caisson have been rejected and no purchase will be made.

Canal Circular No. 793.

The Isthmian Canal Commission will call for bids under circular 793, opened September 17, 1913, for the following material and supplies:

Class 1, 296,956 lbs. material required for torpedo storehouses, Panama Canal fortification, roof trusses, and miscellaneous iron work.

Class 2, One track pile driver, Class 3, 93,375 steel reinforcing bars, Class 4, 400 long handle chovels, Class 5, 100 railroad picks, Class 6, 12,600 lbs. cone head rivets, Class 7, 29,100 machine bolts, Class 8, 200 galv. wrought steel lumps, Class 9, 18 sets stocks and dies, Class 10, 8,000 lbs. galv. flat spikes, Class 11, 12 portable blacksmith forges, Class 12, 12 riveting forges, Class 13, 30 grind stones, Class 14, 41,000 ft. bolting, plow steel cable, 6 strands and 23,000 ft. plow steel extra flexible cable, 8 strands, Class 15, 2,300 ft. straight link black chain and 1,100 ft. galv. straight link chain, Class 16, 20 iron body gate valves, crew end, standard 6 in. and 1 iron body gate valve, standard, flanged faced, 8 in. Class 17, 700 compression grease cups, Class 18, 600 garbage cans, Class 19, 60 roofing brush-

es, Class 20, 96 whitewash brushes, 9 inch, Class 21, 800 lbs. cold rolled and 500 lbs. hot rolled sheet copper, Class 22, 2,500 lbs. solder, Class 23, 5,000 gals. liquid coal tar, Class 24, 15,000 lbs. white zinc in oil, Class 25, 30,000 lbs. foundry slab zinc, Class 26, 24,000 lbs. ammonia alum, Class 27, 645,000 lbs. lump sulphate aluminum, Class 28, 500 gals. black asphaltum paint, Class 29, 300 gals. black jacket enamel, Class 30, 1,000 lbs. lump black in oil, Class 31, 600 lbs. yellow ochre in japan, Class 32, 350 lbs. burnt sienna in oil, Class 33, 400 lbs. red vermilion, Class 34, 2,000 gals. raw linseed oil, Class 35, 1,000 lbs. putty in oil, Class 36, doors and windows for all control houses, Class 37, 2,410 lengths untreated piles, Class 38, 1,960 lengths creosoted piles, Class 39, 3,460 pieces long leaf yellow pine or Douglas fir, rough, Class 40, a quantity estimated 1,275,000 ft. B. M. long leaf yellow pine or Douglas fir lumber.

Canal Circular 794.

The Isthmian Canal Commission will open bids September 19, 1913, under canal circular No. 794, for the following material and supplies:

Class 1, 22,800 lin. ft. cast-iron bell and spigot pipe, 12-ft lengths, and fittings consisting of tees, curves, elbows, and reducers.

Class 2, 13 iron body gate valves.

Class 3, 12,000 lbs. jute for ca-t-iron pipe joints.

Class 4, 41s frames, casement doors, and sashes, and screen sashes.

Phoenix, Ariz., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving for U. S. post office and court house, Phoenix, Ariz.:

Watson Manufacturing Co., Jamestown, N. Y., \$1,487.

The Steel Fixture Manufacturing Co., Topeka, Kans., \$1,525.

The Canton Art Metal Co., Canton, Ohio, \$1,799.

Crown Metal Construction Co., Jamestown, N. Y., \$1,815.

Art Metal Construction Co., Jamestown, N. Y., \$1,815.

Art Metal Construction Co., Jamestown, N. Y., \$2,124.

The Van Dorn Iron Works, Cleveland, Ohio, \$3,117.

Canal Work.

The Secretary of the Interior has awarded contract to Ellsworth Kiser Construction Company, of Pittsburg, Kans., for the construction of a portion of the East Canal, Uncompahgre valley irrigation project, involving approximately 88,000 cubic yards of excavation in open cut, and 5,500 cubic yards overland. The contract price is \$165,572.50.

Grand Valley Irrigation Project.

The Secretary of the Interior has authorized the Reclamation Service to construct the diversion dam and appurtenant structures for the Grand Valley irrigation project, Colorado. The work will begin at once in order to take advantage of the present low water season. It is estimated that it will cost approximately \$375,000.

GOVERNMENT WORK AND SUPPLIES.

PENDING PROJECTS.

The following projects, bids for

HALLS AND SOCIETY BUILDINGS.

VANCOUVER, B. C.—Armory, 1 and 2 story and base. Class A construc-

tion, \$200,000. Architects, Ferry & Fowler, Pacific Bldg., Vancouver, Owners, Province of British Columbia. The building is to be erected on Grandview avenue covering an area of over 200 feet square. Construction will be fireproof with a complete steel frame and exterior walls of brick faced with pressed brick and terra cotta. Funds for the construction are not yet available. Further mention will be made of this work when figures are called.

HOSPITALS.

Contracts Awarded.

SANTA ANA, ORANGE CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$44,944. Architect, Frederick H. Eley, Register Bldg., Santa Ana, Owners, Orange County. Contractor, Chris Mc-Nell, Santa Ana, general construction only. Contract price, \$44,944.

SAN RAFAEL, MARIN CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$37,472. Architect, Thomas O'Connor, San Rafael, Owners, Marin County. Contractor, Peter Hamilton, San Anselmo. Contract price, \$37,472.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, brick and steel, \$75,000. Architect, B. R. Christensen, Grant Bldg., S. F. Owner, Mary Marsicano. The building, which was originally designed for a four-story structure, will be erected at the southwest corner of Broadway and Grant avenue. There will be several stories besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 125 guest rooms and a large number of baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a hot water system. Bath rooms will have cement floors and tile wainscot. Marble, tile and ornamental plaster will be used in the entrance and lobby. Stores will have patent fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans have been prepared.

SAN FRANCISCO—Hotel and stores, 5 story and base, reinforced concrete. Cost not stated. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Carmel Fallon. The building will be erected on the south line of Market street near Brady, covering an area of of 34x124 feet. There will be stores and the hotel entrance on the first floor. Upper floors will be divided into single rooms and baths. Interior finish will be of pine and redwood with some hardwood and ornamental plaster in the lobby. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel addition, 4 story and base reinforced concrete, \$15,000. Architect, C. H. Skidmore, Foxcroft Bldg., S. F. Owner, John Meierdierks. The building will be erected on Telama street east of 4th, connecting with a hotel building on the property of the same owner on Howard street. There will be in the

neighborhood of 60 rooms and several baths in the new portion. Interior finish will be of pine and redwood. Plans provide for steam heat and hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with cement plaster. Plans are complete and ready for figures.

OAKLAND, CAL.—Hotel, 3 story and base, brick, \$15,000. Architect, Inter Cities Home Builders, 1751 Broadway, Oakland. Owner, L. Berkovich. This building will be erected at the corner of Second and Broadway, and will be arranged for stores on the first floor and hotel rooms above. Interior finish will be of pine throughout. All rooms will have hot and cold running water and steam heat. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Stores will have plate glass display windows and patent store fronts. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$43,690. Architects, Neher & Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. Contractors, Alta Planing Mill Co., 830 McGarry St., Los Angeles. Contract price, \$43,690.

LIBRARIES.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Library, 2 story and base, brick and concrete, \$20,000. Architect, Orville Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractor, F. J. Amweg, 244 Kearny St., S. F. Contract price, \$20,000.

POST OFFICES.

SAN FRANCISCO—Painting Custom House. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been received by Supt. Roberts, Post Office Bldg., S. F., for the interior painting of the United States Custom House in this city. Bids will be opened in Washington, D. C. on September 24th. Plans and specifications can be secured from Supt. of Construction Roberts, Post Office Bldg., S. F. An official proposal appears in another column of this issue.

SAN FRANCISCO—Vault construction Subtreasury Building, \$53,648. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington on September 2nd show Grant Fee low on the vault work at the Subtreasury at \$33,648; and the York Safe and Lock Co., York, Pa., low on the vault entrances at \$37,095. Contracts have not been awarded. A complete list of these figures appears under the heading of San Francisco in this issue.

RAILROAD CONSTRUCTION—AND EQUIPMENT.

RICHMOND, CONTRA COSTA CO., CAL.—Passenger station, 1 story and base, brick and steel, \$30,000. Architect, Architectural Department South-

ern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Announcement has been made that this company will erect a new building at Richmond. The present combination freight and passenger station will be removed to a different location and used for a freight house. Additional trackage is being planned. Details of the building will be given later. Construction will probably be underway inside of a month or six weeks.

RESIDENCES.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1½ story, attic and base, frame, \$4,000. Architects, H. Geilfuss & Son, 46 Kearny St., S. F. Owner's name withheld. The dwelling will contain six rooms, sleeping porch and bath, and is to be erected in one of the select residence sections of Alameda. Interior finishings will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. The bath room will have composition floor and tile wainscot. There will be an automatic water heater installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, J. Brown Schuyler, Solano Ave., Berkeley. This dwelling has been designed for a nine room house with bath and sleeping porch, and will be erected on Marin Ave., near Fresno St., Interior finish will be largely of pine with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, Leonard H. Ford, 2135 Center St., Berkeley. Owner, A. M. Duncan. The dwelling is to be erected on Kingston avenue and will contain six rooms, bath and sleeping porch. Interior finish will be of pine and some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile wainscot will be used in the bathroom and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared for the work.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$7,500. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Thomas C. Huxley. The house will be erected in Elmwood Park and will contain 8 or 9 rooms, several baths and sleeping porch. Interior will be finished in pine hardwood and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. There will be a central heating system, probably furnace heat, and open fire places. Mantels will be

of tile and brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will soon be called for.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, none. Owner, P. M. Fisher, principal Polytechnic High School, Oakland. The dwelling will be erected on Orange street, near Perry, and has been designed to contain seven rooms and bath. Interior will be finished in pine with some elm panels and hardwood floors. There will be a large open fire place in the living room with brick or tile mantel. Bath room will have composition floor and tile wainscot. An automatic water heater and a vacuum cleaning system will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner, who is taking figures on the work.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, A. W. Smith, 1004 Broadway, Oakland. Owner, Mrs. A. C. Jessie. The dwelling will contain seven rooms, bath and sleeping porch, and will be erected on Mira Vista avenue. Interior will be finished in pine and redwood, with some hardwood floors. There will be an open fire place in the living room with tile or brick mantel. Bath room will have tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Ochletree. The dwelling has been designed for a seven room house and will be erected on Bonita avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, E. P. Houston. The dwelling has been designed for a seven room house with bath and sleeping porch and will be erected in Piedmont Manor. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken on the work.

BERKELEY, ALAMEDA CO., CAL.—Residence alteration 2 story and base, frame, \$1,000. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, O. A. Giles. This work will consist of both interior and exterior work and is to be done at the premises at the corner of Telegraph and Oregon streets.

There will be new exterior covering, chingles and cement plaster, new interior finish, pine and hardwood floors, gas grates and brick mantels. Work will also call for plastering, plumbing, painting and electric work. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, United Home Builders, 1762 Broadway, Oakland. Owners, United Home Builders. The bungalow will contain six rooms, bath and sleeping porch. Interior finish will be mostly of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, A. J. Yerrick, Blake Bldg., Oakland. Owner, F. B. Fernhoff. The dwelling is to be erected at the southwest corner of Bonita and Pamona avenues and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. J. Knight. The dwelling has been designed for an eight room house with bath and sleeping porch and will be erected in Northbrae. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owner, C. M. Orr. This house will be erected on Euclid avenue in Adams Point and will contain in the neighborhood of 8 rooms, baths and sleeping porch. Interior will be finished in pine and hardwoods with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot and tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Milwain Bros. Delger Bldg.,

Oakland. Owner, Mrs. A. J. Larkey. This house has been mentioned here before when the architects were first commissioned to prepare plans. The dwelling will contain 10 rooms and baths. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. Bath rooms will have tile floors and tile wainscot. A garbage incinerator will be installed, also a vacuum cleaning system and automatic water heater. There will be furnace heat and open fire places. Mantels will be of brick and tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, D. Goodale. The house has been designed for a seven room dwelling with bath and sleeping porch and will be erected on Benvenue street. Interior finish will be largely of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. An automatic water heater will also be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. These houses will be erected on the east side of 20th avenue south of California street and each has been designed to contain six rooms and bath. Interior finish will be entirely of pine with some hardwood floors. Each living room will have an open fire place with tile or brick mantel. Tile will be used in the bath rooms and kitchens. Exterior of the houses will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$30,000. Architects, H. Geilfus & Son, 46 Kearny street, S. F. Owner's name withheld. The house will be erected on property on Pacific avenue near Buchanan street recently purchased by a wealthy Sacramento woman. The lot has a frontage on Pacific avenue of 10 feet and a depth of 168 feet 4 inches, and the building will cover a portion about 100 feet. There will be a total of 10 rooms and four baths contained in the house. Interior finish will be of pine, mahogany, birch, white enamel and ornamental plaster. Main living room and reception hall will be finished in Empire style. Main dining room will be finished in red gum and Mahard hall in hardwoods. All chambers will be finished in white enamel. Hardwood floors will be used throughout, except in the bath rooms, which will have tile floors and tile wainscot. Each of the principal chambers will have a private dressing room with a specially designed wardrobe with French plate doors, special shoe closets and drawers. A most completely equipped butler's pantry will connect the dining room and kitchen. The pantry will contain coolers and ice chest, marble shelves and slabs and tile wainscot.

Tile will also be used extensively in the kitchen. A number of servants' rooms have been provided for in the basement and upper floors. A Rector system of heating will be installed. Exterior of the house will be covered with cement plaster marked off in imitation of cut stone. When completed the house will cost in the neighborhood of \$30,000.

SAN FRANCISCO—Residence, 2 story and base, frame and brick, \$12,000. Architects, O'Brien and Werner, Foxcroft Bldg., S. F. Owner, Abbott A. Hanks. This dwelling has been mentioned here before when plans were first prepared. The dwelling will be erected on Pacific avenue near Laurel and will contain in the neighborhood of 10 rooms, several baths and sleeping porch. Interior finish will be largely of pine and hardwoods. There will be a central heating system, probably furnace heat. Hardwood floors will be used in the principal rooms. Bath rooms will have cement floors and tile wainscot. A vacuum cleaning system will be installed and an automatic water heater. Exterior of the dwelling will be covered with brick veneer. Plans are ready for figures.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. St. Clair. The dwelling will be erected at the corner of 29th avenue and California street, and will contain seven rooms and bath. Interior finish will be of pine and hardwood. There will be furnace heat and open fire places. Mantels will be of tile. Hardwood will be used in the principal rooms. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES

SAN FRANCISCO—Bungalows, 3, 1½ story and base, frame, \$2,000. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. These houses will be erected on the south side of Judah street west of 16th avenue. Each house has been designed to contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. A large open fire place with brick or tile mantel will be installed in each of the living rooms. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with rustic shingles and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence alterations and additions, 2 story and base, frame, \$2,500. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Justus S. Wardell. This work will include exterior and interior alterations and the addition of a sleeping porch on the rear. There will be new interior plastering, finish, painting, plumbing and electric work. Exterior of the building will be covered with shingles and rustic. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,700. Architects, Newsum and Dixon, 812 Broadway, Oakland. Owner, Mr. Coward. The dwelling will be erected at the corner of Shafter and College streets and has been designed for a six-room dwelling with bath. Interior finish will be of pine throughout. There will

be a large open fire place in the living room with brick mantel. Some hardwood floors will be used. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, J. A. Brett, 727 59th street, Oakland. The house will contain six rooms and bath and will be erected on Crescent street near Santa Clara. Interior finish will be of pine with some hardwood floors. Open fire place and a brick mantel will be used in the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are being purchased.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mr. Ross. The dwelling will be erected at the corner of Madison and Stockton streets and has been designed for a five-room house with bath and sleeping porch. Interior finish will be of pine with hardwood floors in the principal rooms and some elm panels. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have cement floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are nearly ready for figures.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Miss D. McInnes. The house will be erected on Madison street north of Willow and has been designed to contain seven rooms and bath. Interior finish will be of pine with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room and reception hall. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$2,300. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Frank Tucker. The house will contain six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be a large open fire place with tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SACRAMENTO, CAL.—Residence, 1 and 2 story and base, frame. Cost not given. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 3523 Park avenue, Sacramento, 1, 2 story frame dwellings \$11,300; C. Vallin, 1215 D street, Sacra-

mento, 2 story frame dwelling, \$3,000, and W. A. Fairfield, 3114 37th street, Sacramento, 1 story frame dwelling, \$1,800.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and frame, \$20,000. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, Miss Ada A. Dryden. The dwelling will be erected on Adams street, and has been designed to contain twelve rooms and three baths. Interior finish will be of pine, mahogany and other hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. A vacuum cleaning system and hot water supply will be installed. Exterior of the dwelling will be covered with white enameled brick. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and frame, \$25,000. Architects, Eager & Eager, Story Bldg., L. A. Owner, J. G. Warren. The dwelling will cover an area of 62x90 feet, and has been designed to contain fourteen rooms and several baths. Interior finish will be largely of hardwood and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and stone. A vacuum cleaning system and hot water supply will be installed. Exterior of the house will be covered with cream pressed brick trimmed with white sand stone. Plans are being prepared and when complete the work will be done by Day Labor.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Renovate, 1 story and base, frame, \$3,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Home Builders' Investment Co. Contractor, Pierce-Morrell, of the Home Builders' Investment Co., Stockton. Contract price, \$3,000.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Joe Rieve. Contractors, Daniels & Green, West Park street, Stockton. Contract price not stated. Note.—Plans are just being prepared for this work.

SCHOOLS.

TEHACHAPI, KERN CO., CAL.—School, 1 story and base, frame. Cost not stated. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Old Town School District. The building has been designed for a district school and will contain three class rooms. Interior finish will be of pine throughout. Maple floors will be used. A central heating system, probably hot air will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and may be secured from the architect. Bids will be opened on September 20th. L. L. Stickle is Clerk of the Board.

LOST HILLS, KERN CO., CAL.—School, 1 story and base, frame. Cost not stated. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Duncan School District. The building

STORES AND OFFICES.

SAN FRANCISCO—Office building, 25 story and base. Class A construction, \$1,500,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. Plans and specifications for the 26 story Class A office building to be erected on the Hobart property, north Market opposite Second, have been practically completed. Bids are now being called for on the steel work. Excavating and foundation work will be let shortly. All parts of the work will be segregated. Architect Willis Polk is in complete charge of the work.

OAKLAND, CAL.—Stores and offices alteration, brick construction, \$28,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, H. and J. Abrahamson. The building at the southeast corner of 13th and Clay streets will be altered and modernized. Interior will be rearranged and new interior finish installed. New plastering, painting, plumbing and electric work is also included. Exterior of the building will also be altered and new pressed brick and terra cotta facing put on. Some structural steel will be used. There will be plate glass show windows in patent store fronts. Marble and tile will be used. Plans are complete and figures are being taken.

SANTA ANA, ORANGE CO., CAL.—Stores and offices, 4 story and base, brick and steel, \$75,000. Architects, Metcalf & Davies, 28 American Ave., L. A. Owner, W. H. Spurgeno. Supt., F. Harmon. Santa Ana. The building will be erected at the corner of 4th and Spuycom streets, covering an area of 190x133 feet. Entire first floor will be arranged for stores. Upper floors will contain over 100 modern offices. Interior finish will be of pine with marble and tile wainscot in the halls and corridors. Plans provide for steam heat, elevator service and a vacuum cleaning system. There will be patent store fronts, mail chute and metal window sash and frames. Marble and tile will be used in the store entrances. Exterior of the building will be faced with pressed brick. Plans are nearly complete and work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Lofts, 4 story and base, brick, \$35,000. Architects, Needham & Cline, Wright and Callender Bldg., L. A. Owners, Gardner and Decker. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$35,000.

THEATRES.

SEATTLE, WASH.—Theatre, 1 story and base, brick and reinforced concrete. Cost not stated. Architect, W. A. Pentecost, Seattle. Owner, F. N. Hallet. The building will be erected on the east side of 4th avenue between Pike and Union streets, and has been designed for a modern picture house. Construction will be fireproof. There will be a cement floor, metal window sash and frames. A system of ventilation will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for by the end of this month.

LOS ANGELES, CAL.—Theatre, 1

story and base, brick and steel. Cost not stated. Architects, E. H. McGibbon & Co., Los Angeles Investment Bldg., L. A. Owner, H. S. Gardner. The building will be erected on Third street near Hope, and will contain besides the picture theatre, three large stores. Construction will be fireproof. There will be a cement floor, plate glass windows and patent store fronts. Interior finish will be of pine and hardwood. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Considerable ornamental plaster work will be used in the theatre. Plans are complete and figures will be called for at once.

PRESNO, PRESNO CO., CAL.—Theatre alterations, brick construction, \$15,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnen. The building on Mariposa street will be remodeled the work including exterior facing of pressed brick, installation of patent store fronts and plate glass windows. New interior finish will also be installed. There will be steam heat, a modern system of ventilation and new plumbing and interior decoration. Plans are complete and figures are being taken by the owners.

SEALED PROPOSALS.

PROPOSALS FOR METAL SHELVING.
METAL VAULT SHELVING—Treasury Department, office of the Supervising Architect, Washington, D. C. Sealed proposals will be received at this office until **September 12, 1913** for furnishing and installing in the San Jose, Cal., public building metal vault shelving. For further information address O. Wenderoth, Supervising Architect.

PROPOSALS FOR PAINTING.
PAINTING—Treasury Department, office of the Supervising Architect, Washington, D. C. Sealed proposals will be received at this office until **September 24, 1913**, for painting in the United States public building at San Francisco, Cal. Further information may be had on application to O. Wenderoth, Supervising Architect.

PROPOSALS FOR CANAL WORK.
CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C. Sealed proposals will be received at the office of the United States Reclamation Service, at St. Ignatius, Mont., until **3 o'clock p. m. September 30, 1913**, for the construction of about 53 miles of canals and laterals, involving the excavation of about 366,000 cubic yards of material. The work lies between 5 and 12 miles southwest from Polson, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignatius, Mont. F. H. NEWELL, director.

PROPOSALS FOR BUILDING REPAIRS
PLUMBING, PAINTING AND BUILDING REPAIRS—Office of the Quartermaster, Vancouver Barracks, Wash.—Sealed proposals will be received at this office until **11 a. m. September 18, 1913**, for furnishing material and labor required for making certain changes, alterations and renewals of plumbing; also certain carpenter work, painting and plastering repairs in hospital building No. 93 and certain carpenter and painting repairs to dental surgeon's office building 137. For further information address JAMES CANBY, major, quartermaster corps.

PROPOSALS FOR ICE AND STORAGE PLANT.
ICE AND STORAGE PLANT—Sealed proposals, indorsed "Proposals or Ice-making and Cold-Storage Plant" will

will be designed for district school. Interior finish will be of pine throughout. Maple floors will be used. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Bids are now being taken and will be opened on September 15th. Plans can be secured from the architect, Charles E. Lowe, Lost Hills, is Clerk of the Board.

OLIG. KEIRN CO., CAL.—School, 1 story frame. Cost not stated. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Olig School District. The building will contain two class rooms. Interior finish will be of pine with some maple floors. A central heating system will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Bids will be opened on September 17th. Plans can be secured from the architect, C. M. Small is Clerk of the Board.

TUSTIN, ORANGE CO., CAL.—School, 2 story and base, brick, \$45,000. Architect, Frederick H. Eley, Register Bldg., Santa Ana. Owners, Tustin School District. The building has been designed for a grammar school and will contain eight standard sized class rooms, library and an auditorium seating 800 people. The building will cover an area of 90x72 feet. Manual training and domestic science rooms will be provided. Interior finish will be of pine throughout. A plenum system of heating and ventilating will be installed. Exterior of the building will be faced with pressed brick trimmed with artificial stone. Working drawings are now being prepared.

SAN FERNANDO, LOS ANGELES CO., CAL.—Manual training building, 1 story and base, reinforced concrete. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, San Fernando Union High School District. The building will cover an area of 40x120 feet and will contain the most modern equipment. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Working drawings are complete and figures are now being taken.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Tunnel construction, \$2,914,002. Engineer, City Department of Engineering. Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. City Engineer O'Shaughnessy has submitted a report to the Board of Public Works of the estimated cost of the Fillmore Street tunnel. This report places the cost of actual construction, exclusive of property value, at \$2,911,002. The engineer estimates that 360 days will be required to complete the work. According to plans on file with the Board of Public Works the bore will be 3.114 feet long, extending from the south line of Bush street to the north line of Union street. Plans show a double bore with a 2.3 per cent grade. One compartment will be used by vehicles and will be 25 feet wide and 20 feet high. The other will be used for street car traffic and will be 29 feet wide and 22 feet high with a six-foot passage-way for foot traffic.

be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. October 18, 1913, and then there publicly opened, for an ice-making and cold-storage plant at naval station, Pearl Harbor, Hawaii. Amount available, \$15,000. Plans and specifications can be obtained on application to the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. September 27, 1913, and then there publicly opened, for furnishing and installing 4 multiple CO2 recorders of 4 units each with 14 recording gauges, 14 auxiliary boiler room indicators and 14 condensing filters; also 14 recoding flue gas thermometers, all in the central power plants, navy yards, Mare Island, Cal., and Puget Sound, Wash. Estimated cost, \$3,500. Plans and specifications can be obtained on application to the bureau or to the commandants of the navy yards named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR RECORDERS, INDICATORS, ETC.

RECORDERS, INDICATORS, FILTERS AND THERMOMETERS—Sealed proposals indorsed "Proposals for Recorders and Indicators, etc." will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. September 27, 1913, and then there publicly opened, for furnishing and installing 4 multiple CO2 recorders of 4 units each with 14 recording gauges, 14 auxiliary boiler room indicators and 14 condensing filters; also 14 recoding flue gas thermometers, all in the central power plants, navy yards, Mare Island, Cal., and Puget Sound, Wash. Estimated cost, \$3,500. Plans and specifications can be obtained on application to the bureau or to the commandants of the navy yards named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BRIDGE CONSTRUCTION.

STEEL HIGHWAY BRIDGES—Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Two Steel Highway Bridges Across the Gila and San Carlos Rivers, San Carlos Indian Reservation, Arizona," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian office until 2 o'clock p. m. September 22, 1913, and then there publicly opened, for the furnishing materials and labor for the construction of two steel highway bridges across the Gila and San Carlos Rivers, San Carlos Indian Reservation, Arizona, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo., U. S. Indian Warehouse at San Francisco, Cal., and the San Carlos school. For further information apply to the superintendent of the San Carlos Indian School, San Carlos, Ariz. CATO SELLIS, commissioner.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 735—Proposals for Steel Rolling Doors for Permanent Shop Buildings—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C. until 10:30 a. m. September 15, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 735) may be obtained from this office. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 732—Proposals for Steel and Miscellaneous Iron Work for Torpedo Storehouses, Truck Pile Driver, Reinforcing Steel Bars, Sinks, Picks, Rivet, Bolts, Hasps, Stocks and Dies, Boat Spikes, Forges, Grindstones, Steel Cable, Chain, Valves, Grease Cup, Garbage Can, Roofing Solder, Coal Tires, Zinc, Alum, Aluminum Sulphate, Paint, Linseed Oil, Putty, Doors and Windows for All Control Houses, Crescents and Unprotected Piles Houses, Crescents and Unprotected Piles Houses. Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C. until 10:30 a. m. September 17, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 732) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 734—Invitations for Proposals to Furnish Cast Iron Bell and Spigot Pipe, Tees, Curves, Sleeves and Fittings, Valves, and Jute for the Panama Waterworks, and Frames, Casement, Doors and Sashes and Screen Sashes for Administration Building—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C. until 10:30 a. m. September 19, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 734) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, Cal., until 10:30 a. m., September 18, 1913, for the construction of the Horticulture Building in accordance with the plans and specifications on file in the office of the Director.

Separate proposals will be allowed on the erection of the Structural Steel of the Horticulture Building. Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company. Progressive payments will be made.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 267 Service Building, Fillmore and Chestnut Street, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO BRIDGE BUILDERS.

PROPOSALS FOR CONSTRUCTING REINFORCED CONCRETE CULVERT AND END WALLS—Notice is hereby given that sealed bids will be received by the Board of Supervisors of the county of San Mateo, State of California, up to the hour of 10 o'clock a. m., on Monday, September 15, 1913, for constructing reinforced concrete culvert and end walls on county road leading from Colma to the ocean, being second bridge west of Colma, in the First Road, in accordance with the plans and specifications prepared by the Board of Supervisors on Monday, August 18, 1913, which said plans and specifications are now on file in the office of the clerk of said Board, where same may be inspected.

All bids must be addressed to the clerk of the Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on

some reliable bank in a sum equal to at least ten per cent of bid, made payable to the undersigned clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo, as liquidated damages in case the party to whom the contract shall be awarded, shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the contract price or to enter into a written contract in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,
County Clerk and ex-officio clerk of the Board of Supervisors of the county of San Mateo, State of California.

NOTICE TO BRIDGE BUILDERS.

PROPOSALS FOR CONSTRUCTING REINFORCED CONCRETE BRIDGE.

Notice is hereby given that sealed bids will be received by the Board of Supervisors of the county of San Mateo, State of California, up to the hour of 10 o'clock a. m., on Monday, September 15, 1913, for constructing a reinforced concrete bridge over the San Antonio, Spanishtown to King's road in Fourth Road District, as per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, August 18, 1913, which said plans and specifications are now on file in the office of the clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least ten per cent of bid, made payable to the undersigned clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo, as liquidated damages in case the party to whom the contract shall be awarded, shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county, in an amount not exceeding the contract price, or to enter into a written contract in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place per cubic yard, to be used in estimating the value of extra work, if required. The right is reserved to reject any and all bids.

JOS. H. NASH,
County Clerk and ex-officio clerk of the Board of Supervisors of the County of San Mateo, State of California.

SUGAR FIGURES.

Figures indicate that the United States is clearly at the head of the list of sugar-consuming countries, the figures of the current year suggesting a consumption of more than eight billion pounds, while the latest available figures indicate a consumption in India of about six billion pounds, in Great Britain of three and three-quarter billions, Russia three billions, and Germany two and three-quarter billion pounds. Speaking in very round terms, it may be said that foreign countries supply approximately one-half of the sugar consumed in the United States, our own islands about one-fourth, and our own fields about one-fourth. Cuba supplies nine-tenths of that from abroad; Hawaii about one-half of that from our islands, and beets, nearly two-thirds of that produced at home.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, J. M. Peters, 1610 Balboa street, S. F. These houses will be erected on the east side of 20th avenue south of California street and each has been designed to contain six rooms and bath. Interior finish will be entirely of pine with some hardwood floors. Each living room will have an open fire place with tile or brick mantel. Tile will be used in the bath rooms and kitchens. Exterior of the houses will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$30,000. San Francisco. Architects, Geiffuss & Son, 46 Kearny street, S. F. Owner's name withheld. The house will be erected on property on Pacific avenue near Buchanan street recently purchased by a wealthy Sacramento woman. The lot has a frontage on Pacific avenue of 40 feet and a depth of 168 feet 4 inches, and the building will cover a portion about 40x100 feet. There will be a total of 16 rooms and four baths contained in the house. Interior finish will be of pine, mahogany, birch, white enamel and ornamental plaster. Main living room and reception hall will be finished in Empire style. Main dining room will be finished in red gum and billiard hall in hardwoods. All chambers will be finished in white enamel. Hardwood floors will be used throughout, except in the bath rooms, which will have tile floors and tile wainscot. Each of the principal chambers will have a private dressing room with a special designed wardrobe with French plate doors, special shoe closets and drawers. A most completely equipped butler's pantry will connect the dining room and kitchen. The pantry will contain coolers and ice chest, marble shelves and slabs and tile wainscot. Tile will also be used extensively in the kitchen. A number of servants' rooms have been provided for in the basement and upper floors. A Rector system of heating will be installed. Exterior of the house will be covered with cement plaster marked off in imitation of cut stone. When completed the house will cost in the neighborhood of \$30,000.

RESIDENCE—2 story and base, frame and brick, \$12,000. San Francisco. Architects, O'Brien and Werner, Foxcroft Bldg., S. F. Owner Abbott A. Hanks. This dwelling was mentioned here before when plans were first prepared. The dwelling will be erected on Pacific avenue near Laurel and will contain in the neighborhood of 10 rooms, several baths and sleeping porch. Interior finish will be largely of pine and hardwoods. There will be a central heating system, probably furnace heat. Hardwood floors will be used in the principal rooms. Bath rooms will have cement floors and the wainscot. A vacuum cleaning system will be installed and an automatic hot

water heater. Exterior of the dwelling will be covered with brick veneer. Plans are ready for figures.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architect John J. Foley, 46 Kearny street, S. F. Owner, Mr. St. Clair. The dwelling will be erected at the corner of 29th avenue and California street and will contain seven rooms and bath. Interior finish will be of pine and hardwood. There will be furnace heat and open fire places. Mantels will be of tile. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOWS—3, 1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. These houses will be erected on the south side of Judah street west of 10th avenue. Each house has been designed to contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. A large open fire place with brick or tile mantel will be installed in each of the living rooms. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic, shingles and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE ALTERATIONS AND ADDITIONS—2 story and base, frame, \$2,500. San Francisco. Architect, C. A. Meussdorff, Humboldt Bank Bldg., S. F. Owner, Justus Wardell. This work will include exterior and interior alterations and the addition of a sleeping porch on the rear. There will be new interior plastering, finish, painting, plumbing and electric work. Exterior of the building will be covered with shingles and rustic. Plans are complete and figures are being taken.

PACKING PLANT—3 story and base, reinforced concrete, \$50,000. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Workman Packing Co. This work has been mentioned here before when the architect was first commissioned to prepare plans. The building will be erected on the north line of Harrison street between 4th and 5th streets covering a large area. First floor will contain the general offices, shipping department and storage space. Upper two floors will contain the packing plant and cold storage rooms. The flat slab type of construction will be used. There will be a large amount of special machinery required. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LAUNDRY—2 story and base, brick, \$2,500. San Francisco. Architect, none. Owner, Peter J. Smith, 759 Folsom street, S. F. The building will be erected on West Pitch street south of Folsom covering an area of 25x70 feet. Interior of the second floor will be finished in pine throughout. Special machinery will be installed. Exterior of

the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$1,500. San Francisco. Architect, none. Owner, Conrad Young, North Point near Polk street. The building has been designed to contain two flats and will cover an area of 25x53 feet. Interior finish will be of pine and redwood. Some hardwood floors will be used. Each flat will have a 30 gallon boiler. Open fire places will be used in the living rooms. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$1,800. San Francisco. Architect, none. Owner, J. H. Thorup, 6124 California street. The building will be erected on the west side of 26th avenue north of California, and has been designed to contain two modern flats of five rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Each living room will have a large open fire place and brick mantel. Bath rooms will be finished in tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Brick veneer base will be used. Plans are complete and the work will be done by Day Labor.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, William Kleeman, 188 Page street, S. F. Owner, James Hagan. The building will be erected on a lot 19 by 65 feet on the east side of Elgin street north of Duboce avenue. There will be three flats of five rooms and bath each. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms. Each living room will have an open fire place with tile mantels. Vestibule will be finished in marble and mosaic. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,500. San Francisco. Architect, none. Owner, J. Johnson, 488 9th avenue, S. F. The building will cover an area of 25 by 64 feet and has been designed to contain two modern five room flats. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

FLATS, ALTERATIONS AND REPAIR—2 story, frame, \$3,000. San Francisco. Architect, G. A. Berger, 138 Octavia street, S. F. Owner, J. P. Mirasol, 3031 22nd street, S. F. This work will consist of the addition of one story to the present building and extensive alterations. Included in the work will be new plumbing, painting, plastering and electric work as well as new interior finish. Exterior of the new portion of the building will be covered with rustic and shiplap. Plans

are complete and work will be done by Day Labor.

HOTEL—3 story and base, brick and steel, \$75,000. San Francisco. Architect, R. B. Christensen, Grant Bldg., S. F. Owner, Mary Marsicano. The building, which was originally designed for a four story structure, will be erected at the southwest corner of Broadway and Grant avenue. There will be several stores besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 125 guest rooms and a large number of baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a hot water system. Bath rooms will have cement floors and tile wainscot. Marble, tile and ornamental plaster will be used in the entrance and lobby. Stores will have patent fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans have been prepared.

HOTEL AND STORES—5 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Carmel Fallon. The building will be erected on the south line of Market street near Brady covering an area of 34 by 124 feet. There will be stores and the hotel entrance on the first floor. Upper floors will be divided into single rooms and baths. Interior finish will be of pine and redwood with some hardwood and ornamental plaster in the lobby. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL ADDITION—4 story and base, reinforced concrete, \$15,000. San Francisco. Architect, C. H. Skidmore, Foxcroft Bldg., S. F. Owner, John Meierdierks. The building will be erected on Tehama street east of 14th connecting with a hotel building on the property of the same owner on Howard street. There will be in the neighborhood of 60 rooms and several baths in the new portion. Interior finish will be of pine and redwood. Plans are complete and ready for figures.

PAINTING CUSTOM HOUSE—Cost not stated. San Francisco. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been received by Supt. Roberts, Post Office Bldg., S. F. for the interior painting of the United States Custom House in this city. Bids will be opened in Washington, D. C. on September 24th. Plans and specifications can be secured from Supt. of Construction Roberts, Post Office Bldg., S. F. An official proposal appears in another column of this issue.

TUNNEL CONSTRUCTION—\$2,914,002. San Francisco. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. City Engineer O'Shaughnessy has submitted a report to the Board of Public Works of the estimated cost of the Fillmore Street tunnel. This report places the cost of actual construction, exclusive of property value, at \$2,914,002. The engineer estimates that 260 days will be required to complete the work. According to plans on file with the Board of Public Works the bore will be 3,116 feet long, extending from the south line

of Bush street to the north line of Union street. Plans show a double bore with a 2.3 per cent grade. One compartment will be used by vehicles and will be 25 feet wide and 20 feet high. The other will be used for street car traffic and will be 29 feet wide and 22 feet high with a six foot passage way for foot traffic.

OFFICE BUILDING—25 story and base. Class A construction, \$15,500,000. San Francisco. Architects, Willis Polk & Co., Merchant's Exchange Bldg., S. F. Owners, Hobart Estate. Plans and specifications for the 26 story Class A office building to be erected on the Hobart property, north Market Street opposite Second, have been practically completed. Bids are now being called for on the steel work. Excavating and foundation work will be let shortly. All parts of the work will be segregated. Architect Willis Polk is in complete charge of the work.

VAULT CONSTRUCTION—Subtreasury Building, \$53,648. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington on Sept. 2nd show Grant Fee low on the vault work at the Subtreasury at \$53,648, and the York Safe and Lock Co., York, Penn., low on the vault entrances at \$37,095. Contracts have not been awarded. A complete list of the e figures appears under the heading of San Francisco in this issue.

COLD STORAGE PLANT—Reinforced concrete construction, \$15,000. Pearl Harbor, Hawaii. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans and specifications are complete and out for figures for a cold storage plant to be erected at the Naval Station at Pearl Harbor. Plans can be secured direct from the Bureau of Yards and Docks at Washington, D. C., or from the Commandant of the Naval Station at Pearl Harbor. Bids will be opened on October 15th. An official proposal appears under the heading of Official Advertising in this issue.

Contracts Awarded.

APARTMENT HOUSE—6 story and base, brick and steel, \$72,000. San Francisco. Architects, Welsh and Carey, Merchants' National Bank Bldg., S. F. Owner, Sewall Dolliver. Contractor, Henry Jacobs, 110 Jessie St., S. F. Contract price, \$72,000.

British Corporation Selects San Francisco As Port.

Royal Mail To Make This City Headquarters for Western Trade.

It has been officially announced by the American Representative of the Royal Mail Steam Packet Company, a British corporation, that San Francisco has been selected as the headquarters and terminus in the Pacific ocean. This company has the largest fleet of merchant ships in the world and the announcement is important. The German line, the Hamburg American, is also preparing for the canal trade and in all probability there will be a rivalry between these corporations sending ships from this port.

Mr. E. J. M. Nash, the representative

of the big British corporation, gave out the following statement of his company's plans:

"We have no ships running here now, but the new steamers will be ready in the middle of 1914 and, according to present anticipations, the canal will not be ready for shipping until the first part of 1915. So there will be plenty of time for the opening of the service.

"The canal will revolutionize the trade routes of the world, and it is in an attempt to forecast the new tracks that we have determined on San Francisco as the western terminus for the European cargoes and European immigrants to be brought in our vessels.

To Change Trade Routes.

"Every trade route in the world practically will be changed by the canal. The Golden Gate will get the benefit of all the changes. The greatest change of all will come in the handling of freight from Europe to the United States. Instead of being brought to New York by steamship and then distributed throughout the country by rail, the millions of tons of manufactured and other products of the United Kingdom and the Continent will be brought to San Francisco by steamship.

"This new way will be both cheaper and will take less time. It is to handle that freight that we are building the steamer. We have sixty-seven vessels now in the West Coast trade and that business will be immensely increased by the canal, to the benefit of San Francisco as well as Europe. Of course the East Coast of South America will also be brought in closer touch with this port.

"Each of the new steamships will have accommodations for 500 first-class passengers, 250 second-class and 1000 third-class. The accommodations provided indicate in a way the volume of business that is being planned for."

Subtreasury Vault Bids Are Opened.

Many Local Firms Bid on Work With Grant Fee Low Man at \$53,648. All Figures are Close.

(By Special Wire).

Bids were opened in Washington, D. C., on September 2nd by Supervising Architect Oscar Wenderoth for constructing two fire proof vaults in the United States Subtreasury in this city. Bids were also opened at the same time for furnishing vault entrances for the same. The construction work attracted a large number of local bidders, while the contract for vault entrances was hid on by Eastern firms only. A special wire from the Supervising Architect's office gives the following list of bidders:

Subtreasury Vault Construction.

Grant Fee	\$53,648
Frank M. Garden & Co.	57,800
F. J. Klenck	58,000
Williams Bros. & Henderson	58,300
Herman Safe Co.	59,500
Charles Wright	59,890

Vault Entrances.

York Safe & Lock Co., York, Penn.	\$37,895
L. H. Miller Safe & Iron Works, Baltimore, Md.	41,484

Building Activities.

August Proves to Be Big Month in Building Line.

Private building operations throughout the city for the month of August, as reported by the Bureau of Building Inspection of the Board of Public Works, John P. Horgan, Chief Building Inspector, shows a renewed activity in the building line.

In the matter of new buildings the total number of building permits issued from this Bureau amounted to 512 in number. The value of the estimated cost of these improvements aggregates the sum of \$1,613,881.00.

Complete report as follows:

Class	No. of Bldgs.	Amount.
"A"	1	\$ 125,000.00
"B"	1	8,228.00
"C"	28	609,310.00
Frames	184	654,685.00
Alterations	298	196,658.00

Total 512 \$1,613,881.00.
Report for August, 1912.

Class	No. of Bldgs.	Amount.
"A"	1	\$ 150,000.00
"B"	2	87,000.00
"C"	29	661,679.00
Frames	220	676,400.00
Alterations	361	179,423.00
Total	613	\$1,950,502.00

City Bids Opened.

Bids For Architectural Terra Cotta Work on City Hall Bring Two Close Bids From Local Men.

Seven sets of figures for the architectural terra cotta work and furnishing cleaned brick for the new City Hall were opened by the Board of Public Works at their regular Wednesday afternoon meeting. This work includes cleaning in the neighborhood of 3,000,000 brick now on the old City Hall site and included in the proposals was a rebate clause. The lowest of the seven figures was submitted by Brandon & Lawson for \$119,826 with a rebate of \$4.00 per thousand brick. Another figure submitted by O'Connor & Collins for \$121,687 with a rebate of \$6.00 per thousand brick was also received. Until the exact amount of brick which will figure in the rebate has been determined the low man can not be selected. A complete list of all figures submitted will be published in Friday's issue.

Structural Steel Bids Are Opened.

Two Firms Only Submit Figures for Structural Steel Work on Horticulture Building.

Two bids only were received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for furnishing and fabricating the structural steel for the Horticulture Building of the Exhibit group. Dyer Bros., a local firm, were low at \$44,374. No award of contract has yet been made.

Structural Steel for Horticulture Building.

Dyer Bros.	\$44,374
U. S. Steel Products Co.	57,567

Building Contracts Awarded

San Francisco.

3142 Molcardi	Marchi	400
3143 Langendorf	Langendorf	100
3144 Tillman	Heglin	400
3145 Becker	Brunswick	400
3146 Andrews	Otten	400
3147 United Milk	Keystone	2500
3148 Servatto	Carraro	700
3149 Suhr	Grieb	500
3150 Heltemann	Owner	400
3151 Helke	Hannah	400
3152 Zenonovich	Mitroviich	450
3153 Gately	Browning	700
3154 Kruse	Kruse	2500
3155 Same	Same	2500
3156 Same	Same	2500
3157 Alfred	Alfred	1650
3158 Same	Same	1650
3159 Same	Same	1650
3160 Same	Same	1650
3161 Bjorkman	Bjorkman	1200
3162 Rodgers	Rodgers	1500
3163 Hagan	Hagan	3500
3164 Warnock	Warnock	1000
3165 Parrott	Robinson	1500
3166 Trace	Trace	800
3167 Trost	McColgan	300
3168 Thorup	Thorup	4800
3169 Peters	Peters	2700
3170 Same	Same	2700
3171 Biber	Marcus	3000
3172 Edwards	Zinkand	9358
3173 Rineon	Ward	5600
3174 Same	O'Mara	495
3175 Schmiedell	Pac Ext	6975
3176 Blair	Kurz	11000
3177 Same	Petterson	32000
3178 Same	Otis	455
3179 Schmiedell	Cameron	8772.00
3180 Same	Brandon	26768
3181 Same	Spook	18500
3182 Same	Floodberg	24900
3183 Same	S. F. Concrete	13448
3184 Schmiedell Es.	Otis	10250
3185 Same	Zeltius	7410
3186 Same	Mangrum	4400
3187 Zellerbach	Hohl	60000
3188 Thielke	Wengard	1540
3189 Schmidt	Wolfrey	1800
3190 O'Connor	Roberts	6500
3191 Columbia	Brown	1500
3192 Hacke	Hacke	2500
3193 Tymniski	Owner	1500
3194 Murphy	Scanlan	1850
3195 Greely	Otten	4130
3196 Leeman	Steiner	2500
3197 Boardman	O'Neill	2500
3198 Krauss	Hannah	7500
3199 Breuckle	Wilson	26900
3200 Jameson	Jameson	4000
3201 Doran	Elmiger	1100
3202 Hoffman	Hoffman	1100
3203 Kenney	Anderson	2900
3204 Bless	Bless	18000
3205 Boyd	Brandon	25000
3206 Kelly	Costello	2000
3207 Baggiani	Ferroul	3500
3208 Conlan	Heaphy	5000
3210 Harris	Thompson	10068
3211 Whelan	Jacks	495
3212 Rudgear	Garden	10264
3213 Samuels	Samuels	20087
3214 Burling	Healing	6262
3215 Carlson	Carlson	950
3216 Knutsen	Knutsen	950
3217 Purcell	Purcell	1950
3218 Young	Young	950
3219 Enterprise	Koenig	1850
3220 Meserve	Meserve	900
3221 Knudsen	Knudsen	800
3222 Montrouil	Montrouil	1250
3223 Smith	Smith	2500
3224 Stufman	Hoepfen	400
3225 McDiarmid	Owner	400
3226 1st Federal Trust	Owner	1100
3227 Rogers	Rogers	800
3228 Helke	Hannah	500
3229 Myers	Van Emon	1850
3230 Mero	Osteroer	1808
3231 Panama-Pacific	Sunset	18130
3232 Viner	Carraro	37800
3233 Kohl	Butcher	1700
3234 Swanson	Swanson	2250
3235 Mullen	Mullen	1400
3236 Wolfelt	Emanuel	1900
3237 Moran	Moran	450
3238 Kenny	McCabe	475
3239 O'Connor	O'Connor	500
3240 MacNiel	MacNiel	500
3241 Bell	Grauer	1000
3242 Anderson	Anderson	1000
3243 Johnson	Doyal	350
3244 Malta	Malta	450
3245 Pierce	Dickleson	00

3246 Slonicker	Slonicker	1500
3247 Johnson	Johnson	4500
3248 Ron	Ron	500
3249 Curlett	Hall	300
3250 Mt. Zion	City Imp Co	2700
3251 Heeger	Hamerton	4200
3252 Keane	Dowlin	3250
3253 Stewart	Parkside H B	3070
3254 Patton	Mooney	17400
3255 Same	Petersen	1100
3256 Same	Koch	3970
3257 Same	Wittman	1095
3258 Same	Maudrell	1110
3259 Same	Paradine Paint	587
3260 Same	Fess System	700
3261 Same	Otis Elev	1740
3262 Same	G & E Appl	1195
3263 Burnett Est	Warwick	1310
3264 Bliss	Dempnick	17297

(3142) SE CORNADO 75 SW Ingerson.
Minor changes to dwelling.
Owner.....F. Molcardi, 19 Cornado,
San Francisco.

Architect.....None.
Contractor.....A. Marchl, 19 Redondo,
San Francisco.
COST, \$400

(3143) NO. 875 McALLISTER. Repair
fire damages.
Owner.....Langendorf Bakery.
Architect.....None.
Day's work.
COST, \$1000

(3144) NE FORD AND NOE. New
plumbing, repair roof, new porch, etc.
Owner.....Mr. Tillman, 4641 18th,
San Francisco.
Architect.....None.
Contractor.....B. Heglin, 257 Richland
Ave., San Francisco.
COST, \$400

(3145) NO. 648 MARKET. Erect mar-
quise and mezzanine floor.
Owner.....A. Becker, Premises.
Architect.....None.
Contractor.....Brunswick, Balke, Col-
lender Co., 765 Mission,
San Francisco.
COST, \$400

(3146) NO. 21 COMMONWEALTH AVE.
Repair and alterations in basement.
Owner.....Mrs. G. Andrews, Prem.
Architect.....None.
Contractor.....H. P. Otten, 131 10th Ave.,
San Francisco.
COST, \$400

(3147) SW GUERRERO AND 16TH.
Install horizontal tubular boiler.
Owner.....United Milk Co., Premises.
Architect.....None.
Contractor.....Keystone Boiler Works,
201-209 Folsom, S. F.
COST, \$2500

(3148) NO. 232 WILLIAMS AVE. Move
alter and repair dwelling.
Owner.....L. Servatto, Premises.
Architect.....None.
Contractor.....G. Carraro, 750 Felton,
San Francisco.
COST, \$700

(3149) NO. 2919 MISSION. Add 10 feet
to chapel.
Owner.....H. F. Suhr Co., Premises.
Architect.....None.
Contractor.....H. T. Grieb, 1020 Green-
wich, San Francisco.
COST, \$500

(3150) NO. 2589 MISSION. New front.
Owner.....John Heltemann, Prem.
Architect.....None.
Day's work.
COST, \$400

(3151) NE TWENTY-THIRD & MIS-
sion. Add one-story frame.

Owner.....W. L. Helke, Sacramento, California.
 Architect...None.
 Contractor...J. S. Hannah, 180 Jessie, San Francisco.
 COST, \$400

(3152) NO. 55 MANILA. Alter partition.
 Owner.....S. Zenonovich, Premises.
 Architect...None.
 Contractor...J. Mitrovich, 1034 Golden Gate Ave., San Francisco.
 COST, \$450

(3153) NO. 611 EIGHTEENTH. Repair fire damage.
 Owner.....J. Gatley, 703 Tennessee, San Francisco.
 Architect...None.
 Contractor...G. Browning et al. 618 Moscow, San Francisco.
 COST, \$700

(3154) S COLLEGE TERRACE 250 W Mission. One and one-half-story and basement frame dwelling.
 Owner.....J. H. Kruse, 23rd and Shotwell, San Francisco.
 Designer.....Jos. M. Geary, 2581 Post, San Francisco.
 Day's work. COST, \$2500

(3155) S COLLEGE TERRACE 225 W Mission. One and one-half-story and basement frame dwelling.
 Owner.....J. H. Kruse, 23rd and Shotwell, San Francisco.
 Designer.....Jos. M. Geary, 2581 Post, San Francisco.
 Day's work. COST, \$2500

(3156) S COLLEGE TERRACE 200 W Mission. One and one-half-story and basement frame dwelling.
 Owner.....J. H. Kruse, 23rd and Shotwell, San Francisco.
 Designer.....Jos. M. Geary, 2581 Post, San Francisco.
 Day's work. COST, \$2500

(3157) E WANDA 275 N Onondago. One-story and basement frame residence.
 Owner.....C. S. Allred, 120 Onondago Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$1650

(3158) E WANDA 175 N Onondago Ave. One-story and basement frame residence.
 Owner.....C. S. Allred, 120 Onondago Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$1650

(3159) E WANDA 155 N Onondago Ave. One-story and basement frame residence.
 Owner.....C. S. Allred, 120 Onondago Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$1650

(3160) E WANDA 225 N Onondago Ave. One-story and basement frame residence.
 Owner.....C. S. Allred, 120 Onondago Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$1650

(3161) S MORSE 60 W Newton. One-story and basement frame dwlg.

Owner.....John Bjorkman, 4077 23rd, San Francisco.
 Architect...None.
 Day's work. COST, \$1200

(3162) N OTSEGO 25 S San Juan. One-story and basement frame dwlg.

Owner.....W. Rodgers, 3518½ 16th, San Francisco.
 Architect...None.
 Day's work. COST, \$1500

(3163) E ELGIN PARK 75 N Duboce. Three-story and basement frame (4) flats.
 Owner.....Jas. Hagan, 132 Duboce Ave., San Francisco.
 Architect...Wm. Kleeman, 185 Page, San Francisco.
 Day's work. COST, \$3500

(3164) S ROLPH 400 E Mission. Two-story and basement frame dwelling.
 Owner.....Mrs. Warnock, 538 Laidley San Francisco.
 Architect...None.
 Contractor...Warnock Bros., 538 Laidley San Francisco.
 COST, \$1000

(3165) NOS. 506-514 CALIFORNIA. General repairs to stores.
 Owner.....Parrott Estate, 502 California, San Francisco.
 Architect...None.
 Contractor...Robinson & Gillispie, 1051 Sutter, San Francisco.
 COST, \$1500

(3166) N SANTA YSABEL 100 E Delano. One-story and basement frame dwelling.
 Owner.....V. M. Trace, 1190 Haight, San Francisco.
 Architect...None.
 Day's work. COST, \$1800

(3167) E TWENTY-FIFTH AVE 135 N Vincent. One-story and basement frame residence.
 Owner.....Charles R. Trost, 475 29th, San Francisco.
 Architect...None.
 Contractor...McColgan & Trost, 1721 Alabama, San Francisco.
 COST, \$3000

(3168) W TWENTY-SIXTH AVE 100 N California. Two-story frame flats.
 Owner.....J. H. Thorup, 6424 California, San Francisco.
 Architect...None.
 Day's work. COST, \$4800

(3169) E TWENTIETH AVE 125 S California. Two-story and basement frame residence.
 Owner.....J. M. Peters, 1010 Balboa, San Francisco.
 Architect...None.
 Day's work. COST, \$2700

(3170) E TWENTIETH AVE 125 S California. Two-story and basement frame residence.
 Owner.....J. M. Peters, 1010 Balboa, San Francisco.
 Architect...None.
 Day's work. COST, \$2700

(3171) LOT 114 BLK 24 Mission Street Homestead Union. All work for two-story frame flats.
 Owner.....Wm. Biber, 722 Howard, San Francisco.
 Architect...None.
 Contractor...Jos. Marcus & H. Barnett.

Filed Sept. 2, '13. Dated Sept. 2, '13.
 Roof on\$ 500
 Interior plastered 500
 Completed and accepted 1400
 Usual 35 days 600
 TOTAL COST, \$3000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
 (3172) W GOUGH 60 S Oak S 30xW 87-6. All work for three-story and basement frame store and apartments
 Owner.....D. H. and M. A. Edwards Co., 90 East, S. F.
 Architect...J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor...Ed. Zinkand and H. Zinkand, 434 10th Ave., S. F.
 Filed Sept. 2, '13. Dated Aug. 20, '13.
 Frame up\$2339.50
 Brown coated 2339.50
 Completed and accepted 2339.50
 Usual 35 days 2339.50
 TOTAL COST, \$9358.00

Bond, \$4679. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(3173) S STEVENSON 467-6 W 7th W 28-9xS 75. All work except plumbing and electric work for alterations and additions to one-story Class "C" building.
 Owner.....Rincon Publishing Co., 641 Stevenson, San Francisco.
 Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
 Contractor...Ward & Goodwin, 981 Guerrero, San Francisco.
 Filed Sept. 2, '13. Dated Aug. 29, '13.
 On 1st of each month 75%
 Usual 35 days 25%
 TOTAL COST, \$5600
 Bond, \$2800. Sureties, H. C. Bennett and Julia Goodwin. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3174) PLUMBING ON ABOVE.
 Contractor...J. E. O'Mara, 449 Minna, San Francisco.
 Filed Aug. 2, '13. Dated Aug. 29, '13.
 Payments same as above
 TOTAL COST, \$495
 Bond, \$247.50. Sureties, H. H. Kennedy and W. D. Stewart. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3175) SE POST & LEAVENWORTH E 137-6xS 137-6. Electric work for 6-story and basement Class "C" apartments.
 Owner.....Schmiedell Estate Corp., 300 Front, San Francisco.
 Architect...Frederic H. Meyer, Bankers' Invest. Bldg., S. F.
 Contractor...Pacific Fire Extinguisher Co., 507 Montgomery, S. F.
 Filed Sept. 2, '13 Dated Aug. 29, '13.
 On 1st of each month 75%
 Usual 35 days 25%
 TOTAL COST, \$6975
 Bond, \$3488. Sureties, Winfield S. and Burt L. Davis. Limit, 200 days. Forfeit, none. Plans and specifications filed.

(3176) NW ELLIS AND MASON W 97-6xN 60. Plumbing, sewerage, gas fitting and electric wiring and heating for three additional stories and alterations in present four-story Class "C" hotel.
 Owner.....Jennie M. Blair.
 Architect...Wm. Mosser, Nevada Bank Bldg., S. F.

Contractor...O. Kurz, 526 Pine, S. F.
Filed Sept. 2, '13. Dated Aug. 22, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$11,000
Bond, \$5500. Surety, Southwestern
Surety Ins. Co. Limit, Dec. 1, '13. For-
feit, none. Plans and specifications
filed.

(3177) IRON, BRICK, CARPENTER,
plastering, mill, stairs, gas and
electric fixtures, metal and tin work,
asphalt roof, marble, tile and com-
position floors slabs, hardware and
glass on above.
Contractor...Pettersson & Persson, 62
Post, San Francisco.
Filed Sept. 2, '13. Dated Aug. 22, '13.
Payments same as above.....

TOTAL COST, \$32,000
Bond, \$16,000. Surety, Southwestern
Surety & Ins. Co. Limit, Dec. 1, '13.
Forfeit, none. Plans and specifications
filed.

(3178) EXTENSION OF PASSENGER
elevator on above.
Contractor...Otis Elevator Co., Beach
and Stockton, S. F.
Filed Sept. 2, '13. Dated July 7, '13.
Cash on completion.....
TOTAL COST, \$155
Bond, limit, forfeit, none. Plans and
specifications filed.

(3179) SE POST & LEAVENWORTH
E 137-6xS 137-6. Structural steel,
iron, glass, glazing, marble, granite,
ornamental iron, sheet metal, roof
covering, rough and finish wood
work for six-story and basement
Class "C" apartments.
Owner.....Schmiedell Estate Corp.,
300 Front, San Francisco.
Architect...Frederick H. Meyer, Bank-
ers' Invest. Bldg., S. F.
Contractor...Cameron & Disston, 180
Jessie, San Francisco.
Filed Sept. 2, '13. Dated Aug. 29, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$37,720
Bond, \$13,860. Sureties, J. D. Hannah
and Jos. J. Phillips. Limit, 200 days.
Forfeit, none. Plans and specifications
filed.

(3180) TERRA COTTA, PRESSED &
rough brick work on above.
Contractor...Brandon & Lawson, 180
Jessie, San Francisco.
Filed Sept. 2, '13. Dated Aug. 29, '13.
Payments same as above.....
TOTAL COST, \$26,768
Bond, \$13,384. Surety, Aetna Accident
& Liability Co. Limit, 100 days. For-
feit, none. Plans and specifications
filed.

(3181) PLUMBING, GAS FITTING,
etc., on above.
Contractor...Frederick W. Snook Co.,
596 Clay, San Francisco.
Filed Sept. 2, '13. Dated Aug. 29, '13.
Payments same as above.....
TOTAL COST, \$18,500
Bond, \$9,250. Surety, U. S. Fidelity &
Guaranty Co. Limit, 200 days. For-
feit, none. Plans and specifications
filed.

(3182) LATHING AND PLASTERING
on above.
Contractor...Floodberg & McCaffery,
Monadnock Bldg., S. F.
Filed Sept. 2, '13. Dated Aug. 29, '13.

Payments same as above.....
TOTAL COST, \$24,900
Bond, \$12,450. Surety, New England
Casualty Co. Limit, 50 days after
notification. Forfeit, none. Plans and
specifications filed.

(3183) EXCAVATING, CONCRETE
foundations, cement floors, side-
walks, curbs, etc., on above.
Contractor...S. F. Concrete Co. Hum-
boldt Bank Bldg., S. F.
Filed Sept. 2, '13. Dated Aug. 29, '13.
Payments same as above.....
TOTAL COST, \$13,448
Bond, \$6724. Surety, Massachusetts
Bonding & Insurance Co. Limit, 200
days. Forfeit, none. Plans and spec-
ifications filed.

(3184) SE POST & LEAVENWORTH E
137-6xS 137-6. All work for passen-
ger and freight elevators and seven
push button control dumb waiters
for six-story and basement Class
"C" apartments.
Owner.....Schmiedell Estate Corp.,
300 Front, San Francisco.
Architect...Frederick H. Meyer, Bank-
ers' Invest. Bldg., S. F.
Contractor...Otis Elevator Co., Beach
& Stockton, San Francisco.
Filed Sept. 2, '13. Dated Aug. 29, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,280
Bond, \$5140. Surety, National Surety
Co. Limit, 200 days. Forfeit, none.
Plans and specifications filed.

(3185) PAINTING, TINTING AND
papering on above.
Contractor...D. Zelinsky, 564 Eddy,
San Francisco.
Filed Sept. 2, '13. Dated Aug. 29, '13.
Payments same as above.....
TOTAL COST, \$7410
Bond, \$3765. Surety, Maryland Casu-
alty Co. Limit, 200 days. Forfeit,
none. Plans and specifications filed.

(3186) STEAM HEATING, PIPING &
returns and piping covering on above
Contractor...Mangrum & Otter, 561
Mission, San Francisco.
Filed Sept. 2, '13. Dated Aug. 29, '13.
Payments same as above.....
TOTAL COST, \$1400
Bond, \$2200. Surety, National Surety
Co. Limit, 200 days. Forfeit, none.
Plans and specifications filed.

(3187) N TURK 171 E Taylor. Seven
story and basement brick stores and
rooms.
Owner.....Zellerbach & Levison, 1540
California, San Francisco.
Architect...A. J. Barnett, 583 Cali-
fornia, San Francisco.
Contractor...Theo. Holm, 1449 Hyde,
San Francisco.
COST, \$60,000

(3188) E FORTIETH AVE 100 S
Irving. One-story and basement
frame dwelling.
Owner.....G. Thielke, Premises.
Architect...None.
Contractor...C. Wengard, 3638 Judah,
San Francisco.
COST, \$1340

(3189) S DAY 365 W Noe. One and
one-half-story and basement frame
dwelling.

Owner.....M. E. Seamidi, 2611 Pine,
San Francisco.
Architect...None.
Contractor...John B. Woolfrey, 3168
21st, San Francisco.
COST, \$1800

(3190) NW ARMY AND CHURCH.
Two-story frame (5) flats.
Owner.....Dudley O'Connor, Schwartz
Hotel, Tur St., S. F.
Architect...B. J. S. Cahill, 571 Cali-
fornia, San Francisco.
Contractor...L. J. Roberts & J. B. Wool-
frey, 2100 21st, S. F.
COST, \$6500

(3191) SW GEARY AND MASON. Add
one story concrete to building.
Owner.....Columbia Bldg. & Invest.
Co., 125 Sutter, S. F.
Architect...C. Withers, 125 Sutter,
San Francisco.
Contractor...R. S. Brown, 125 Sutter,
San Francisco
COST, \$1500

(3192) SW LARKIN & OLIVE. Erect
concrete foundation for three-story
Class "C" building.
Owner.....Mrs. M. Hacke.
Architect...Arthur T. Ehrenpfort, 251
Kearny, San Francisco.
Contractor...L. M. Zimmerman, 180
Jessie, San Francisco.
COST, \$2500

(3193) N SILVER 300 W King. Two-
story frame dwelling.
Owner.....Geo. Tyminski, 871 Rhode
Island, San Francisco.
Architect...R. F. Austin, 1715 Mission
San Francisco.
Day's work. COST, \$1500

(3194) N TURK 250 E Auguello Blvd.
One-story and basement frame dwlg.
Owner.....Ed. Murphy, — McAllister,
San Francisco.
Architect...Rhodes & Co.
Contractor...J. Scanlon, 2466 Geary,
San Francisco.
COST, \$1850

(3195) E EIGHTH AVE 195-6 N Geary
Two-story and basement frame (2)
flats.
Owner.....John Greely, 358 8th Ave.,
San Francisco.
Architect...None.
Contractor...H. P. Otten, 131 10th Ave.,
San Francisco.
COST, \$4130

(3196) NO. 3433 SIXTEENTH. Move
building 7 feet to front and raise and
addition of five flats.
Owner.....Mrs. W. F. Leeman, Prem.
Architect...Rhodes & Marish, 3372
16th, San Francisco.
Contractor...S. J. Sterner, 3828 19th,
San Francisco.
COST, \$2500

(3197) NO. 1950 CALIFORNIA. Re-
pair roof, galvanized iron gutters and
valleys.
Owner.....Mrs. G. C. Boardman, 1950
California, San Francisco.
Architect...J. E. Kraft & Sons, Phe-
lan Bldg., San Francisco.
Contractor...Daniel O'Neill, 278 Natoma,
San Francisco.
COST, \$2500

(3198) W PALM AVE 100 S Euclid.
Two-story and basement and attic
frame (2) flats.
Owner.....C. F. Krauss, 100 Haight,
San Francisco.
Architect...F. S. Holland, 100 Haight,
San Francisco.
Contractor...J. S. Hannah, Williams
Bldg., San Francisco.
COST, \$7500

(3199) W TWENTY-SEVENTH AVE
125 S Lake. One-story and basement
frame dwelling.
Owner.....Chas. Breuckle, 1346 Pine,
San Francisco.
Architect...None.
Contractor...Wilson & Christensen, 830
Hearst Bldg., S. F.
COST, \$2600

(3200) SW WASHINGTON & PRIEST.
Two-story and basement frame (2)
flats.
Owner.....W. W. Jameson.
Architect...Chas. Pantoni, 916 Kear-
ny, San Francisco.
Day's work. COST, \$4000

(3201) SE TEHAMA 325 NE Second.
Two-story corrugated iron shop.
Owner.....Mrs. Hattie T. Doran, 178
Precita Ave., S. F.
Architect...None.
Contractor...J. Albert Elmert, 577 Bos-
worth, San Francisco.
COST, \$1950

(3202) NE NOE & TWENTY-SIXTH.
One and one-half-story and base-
ment frame dwelling.
Owner.....W. A. Hoffman, 1156 Ala-
bama, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$1100

(3203) N CALIFORNIA 80 W 16th
Ave. One and one-half-story frame
dwelling.
Owner.....M. L. Kenney, 31 Sharon,
San Francisco.
Architect...None.
Contractor...Chas. A. Anderson, 3942
29th, San Francisco.
COST, \$2900

(3204) NE CALIFORNIA & ELICK
Lane. Three-story and basement
frame apartments.
Owner.....Ludwig Bless, 45 Kearny,
San Francisco.
Architect...Joseph Cahen, 45 Kearny,
San Francisco.
Day's work. COST, \$18,000

(3205) N HOWARD 375 E Fifth. Two
story brick stable and factory.
Owner.....Boyd Invst. Co., Care Ar-
chitect.
Architect...O'Brien Bros., Inc., 519
California, San Francisco.
Contractor...Brandon & Lawson, 180
Jessie, San Francisco.
COST, \$25,000

(3206) N THIRTIETH 180 E Sanchez.
Take and move residence and add
one-story of three rooms, ratproof
remodel front, etc.
Owner.....William Kelly, 360 30th,
San Francisco.
Architect...None.
Contractor...M. Costello, 93 College Ave
San Francisco.
COST, \$2000

(3207) N UNION 50 W Montgomery.
Three-story and basement frame (3)
flats.
Owner.....M. Baggiani, 1500 Grant
Ave., San Francisco.
Architect...Louis Mastropasqua, 550
Washington, San Francisco.
Contractor...L. Ferroni & Son, 3045
Octavia, San Francisco.
COST, \$3500

(3208) N PINE 75 W Taylor. One-
story brick store.
Owner.....Francis J. S. Conlan, 2115
Hyde, San Francisco.
Architect...Rousseau & Rousseau, 441
Monadnock Bldg., S. F.
Contractor...J. Heaphy, 1721 Lombard,
San Francisco.
COST, \$5000

(3209) SW BRAZIL & EDINBURGH.
One-story frame store.
Owner.....Carrie Hall, 448 Brazil
Ave., San Francisco.
Architect...None.
Contractor...Wm. H. Grahn, 2840 Bry-
ant, San Francisco.
COST, \$1500

(3210) SE ELLIS & FAIRKEN AVE 30
x75. All work for three-story and
basement frame apartments.
Owner.....David Harris.
Architect...J. C. Hladik, Monadnock
Bldg., San Francisco.
Contractor...Thompson Co., Thompson
Johnston, Healy & Eakin.
Filed Sept. 3, '13. Dated Aug. 25, '13.
Frame up\$2517
Brown coated2517
Completed and accepted.....2517
Usual 35 days.....2517
TOTAL COST, \$10,068
Bond, \$5034. Surety, Southwestern
Surety Ins. Co. Limit, 80 days. Forfeit,
\$10. Plans and specifications filed.

(3211) NW TEHAMA 111 SW 8th NW
50xSW 34. Excavating, grading, con-
crete, steel reinforcing, wire rein-
forcing, bitumen, side walk doors,
damp proofing, carpentry and joinery,
fences and gates, stalls, mangers,
hardware, glazing, asphaltum roofing
plaster, plumbing, sewer, gas fitting,
painting, sheet metal and electric
work for two-story Class "B" stable.
Owner.....Richard I. Whelan.
Architect...Welsh & Carey, Merchants'
Nat'l. Bank Bldg., S. F.
Contractor...Henry Jacks, 180 Jessie,
San Francisco.
Filed Sept. 3, '13. Dated July 28, '13.
On 1st of each month.....75'
Usual 35 days.....25%
TOTAL COST, \$4930
Bond, \$2465. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 60 days.
Forfeit, \$10. Plans and specifications
filed.

(3212) S BUSH 183-4 E Stockton E
31-8x55-426. Excavation, concrete,
cement floors, side walks, sleeper
pi, cutting openings into hotel, fur-
nish and set all joists, bridging,
rough floors, roof boards, setting
window frames, anchors, dog-iron and
joist hangers for four-story Class
"C" apartment building.
Owner.....Mrs. A. Rudgear, Cort
Hotel, San Francisco.
Architect...Edw. T. Foulkes, Crocker
Bldg., San Francisco.
Contractor...Frank M. Garden & Co., 271
Kearny, San Francisco.

Filed Sept. 3, '13. Dated Sept. 2, '13.
On or before 10 days after 1st of
each month 75%
Usual 35 days.....25%
TOTAL COST, \$10,364
Bond, \$5182. Surety, Massachusetts
Bonding & Ins. Co. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.

(Correction in Contractor's Name)

(3213) S POST 137-6 W Jones W 77-6x
S 137-6. All work for one-story and
basement concrete garage.
Owner.....D. Samuels Realty Co.,
O'Farrell & Stockton, S. F.
Architect...C. A. Meussdorffer, Hum-
boldt Bank Bldg., S. F.
Contractor...J. D. Hannah, Monadnock
Bldg., San Francisco

Filed Sept. 3, '13. Dated Aug. 30, '13.
1st floor slab poured.....\$6000
Roof trusses in place.....5000
Completed and accepted.....4065 25
Usual 35 days.....5021 75
TOTAL COST, \$20,087 00
Bond, \$10,043. Surety, B. W. Cameron
and J. D. Hannah. Limit, 70 days after
Sept. 4. Forfeit, none. Plans and spec-
ifications filed.

(3214) W DELMAR 100 S Frederick S
20xW 86-2. All work except plumb-
ing, etc., for two-story frame resi-
dence.
Owner.....Elizabeth S. Burling, 121
De Long Ave., S. F.
Architect...Ward & Blohm, Alaska
Commercial Bldg., S. F.
Contractor...Geo. Healing, 3665 Sacra-
mento, San Francisco.

Filed Sept. 3, '13. Dated Aug. 29, '13.
Excavation, concrete, rough
brick & chimneys completed. \$ 771 50
Rough framing done.....1000.00
Enclosed, roof in place and ex-
terior & interior plaster done 1500.00
Completed and accepted.....1500.00
36 days after.....
TOTAL COST, \$6362.00
Bond, \$3181. Surety, Pacific Coast
Casualty Co. Limit, 100 days. Forfeit,
\$10. Plans and specifications filed.

(3215) S MANGELS 175 W Baden.
One-story and basement frame dwlg.
Owner.....Annie Carlson, 234 Joost
Ave., San Francisco.
Architect...None.
Day's work. COST, \$900

(3216) NO. 1233 FORTY-FOURTH AV
Add two stories and general repairs.
Owner.....R. Knutsen, Premises.
Architect...Albert Farr, 63 Post, S. F.
Day's work. COST, \$950

(3217) N TWENTY-FIFTH 142-6 E
Church. Two-story and basement
frame dwelling.
Owner.....J. S. Purcell, 856 Presidio
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1950

(3218) N JOOST 125 E Hamburg.
One-story and basement frame dwlg.
Owner.....Mary R. Young, 780 Joost
Ave., San Francisco.
Architect...None.
Owner.....Mary R. Young, 780 Joost
Ave., San Francisco.
COST, \$950

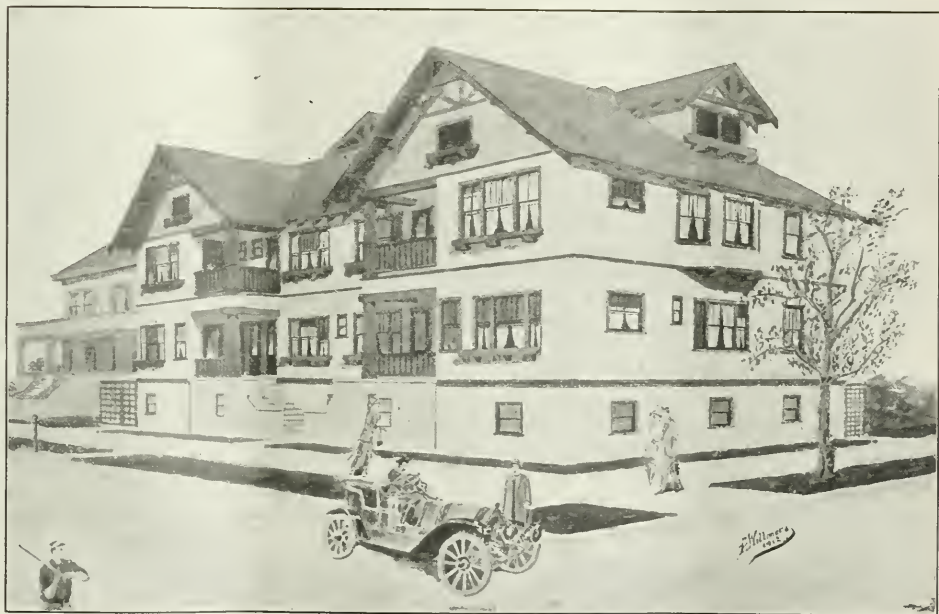
(3219) NOS. 2902-98 NINETEENTH.
Repair fire damage.





BROWNLEE APARTMENTS
San Francisco

Henry C. Smith, Architect
San Francisco



MODERN APARTMENT FLATS
Sacramento, Cal.

A. Willoner, Architect
Sacramento Cal.

Owner.....Enterprise Foundry Co.,
Premises.
Architect...None.
Contractor...Chas. J. Koenig, 520 Church
San Francisco.
COST, \$1850

(3220) E TWENTY-FOURTH AVE 250
S California. One-story and basement
frame dwelling.
Owner.....Wm. M. Neserve, 371 21st
Ave., San Francisco.
Architect...None.
Day's work. COST, \$300

(3221) E BON VIEW 400 N Eugenia.
One-story and basement frame dwlg.
Owner.....J. Knudsen, 159 Bon View
Ave., San Francisco.
Architect...None.
Day's work. COST, \$800

(3222) E MOULTRIE 50 S Powhattan.
One-story and basement frame dwlg.
Owner.....P. W. Montrouil, 255 Moul-
trie, San Francisco.
Architect...None.
Day's work. COST, \$1250

(3223) W RITCH 100 S Folsom. Two-
story brick laundry.
Owner.....Peter J. Smith, 739 Folsom,
San Francisco.
Architect...None.
Day's work. COST, \$2300

(3224) NO. 61 CLARA. New floor, in-
stall ventilator and skylight.
Owner.....Mrs. Stutman, Oakland.
Architect...None.
Contractor...J. Hoeppen, 2757 Laguna,
San Francisco.
COST, \$400

(3225) E MOULTRIE 50 S Jefferson.
Minor repairs to dwelling.
Owner.....W. S. McDiarmid, 56 Ellis-
worth, San Francisco.
Architect...None.
Day's work. COST, \$400

(3226) NW MONTGOMERY & POST.
Alter retaining wall.
Owner.....First Federal Trust Co.,
Premises.
Architect...Willis Polk, Merchants' Ex
Bldg., San Francisco.
Day's work. COST, \$1100

(3227) NO. 918 CHENERY. Alter front
and add two rooms.
Owner.....Willis Rogers.
Architect...None.
Day's work. COST, \$800

(3228) NE TWENTY-THIRD & MIS-
sion. One-story and basement frame
dwelling.
Owner.....W. L. Helke, 2nd and K Sts
Sacramento, California.
Architect...None.
Contractor...J. S. Hannah, 180 Jessie,
San Francisco.
COST, \$500

(3229) N BUSH, bet Polk and Van Ness
Ave. All work for 1 electric freight
elevator for building.
Owner.....L. A. Myers, 3524 Jackson,
San Francisco.
Architect...None.
Contractor...B. C. Van Emom, 255 1st,
San Francisco.
Filed Sept. 4, '13. Dated Sept. 3, '13.
Machine delivered ½
Completed and accepted..... ¼

Usual 35 days..... ¼
TOTAL COST, \$1850
Bond, \$925. Surety National Surety
Co. Limit, none. Forfeit, none. Spec-
ifications only filed.

(3230) SW PAUL AVE 50 SE Crane
SE 25th SW 100. All work for one-
story and basement frame cottage.
Owner.....Leonie Mero.
Architect...None.
Contractor...Michele Ostorero.
Filed Sept. 4, '13. Dated Aug. 18, '13.
Roof on\$452
Brown coated 452
Completed and accepted..... 452
Usual 35 days..... 452
TOTAL COST, \$1508
Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(3231) EXPOSITION SITE. All work
for rock surface for drill ground and
race track.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...None.
Contractor...Sunset Constr. Co., Lick
Bldg., San Francisco.
Filed Sept. 4, '13. Dated July 1, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$18,130
Bond, \$10,000. Surety, National Surety
Co. Limit, 100 days. Forfeit, \$15.
Plans and specifications filed.

(3232) W ELGIN PARK 257 S Mc-
Coppin S 22nd W 75. All work for
two-story and basement frame flats
and garage.
Owner.....Susanna and Jas. F. Viner
Architect...O. B. Arthur, 1242-A 2nd
Ave., San Francisco.
Contractor...G. Carraro.
Filed Sept. 4, '13. Dated Sept. 3, '13.
Frame up\$945
One coat plaster on..... 945
Completed and accepted..... 945
Usual 35 days..... 945
TOTAL COST, \$3780
Bond, \$1890. Sureties, P. Farrari and
P. Carraro. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(3233) NE CALIFORNIA & MONT-
gomery E 87-6 N 114-3¾ W 18-6 N
10½ in. W 69 S 115-2¼. All work
for narrowing of Montgomery St.
sidewalk.
Owner.....C. F. Kohl, Kohl Bldg.,
San Francisco.
Architect...Henry H. Meyers, Kohl
Bldg., San Francisco.
Contractor...Butcher & Hadley, 185
Stevenson, San Francisco.
Filed Sept. 4, '13. Dated Aug. 29, '13.
Completed and accepted.....\$1275
36 days after..... 425
TOTAL COST, \$1700
Bond, \$850. Surety, The Aetna Ac-
cident & Liability Co. Limit, 30 days.
Forfeit, none. Plans and specifications
filed.

(3234) E THIRTEENTH AVE 100 N
Kirkham. Two-story frame dwlg.
Owner.....O. Swanson & J. Bjorkman
4066 18th, San Francisco.
Architect...None.
Contractor...Oscar Swanson, 4066 18th,
San Francisco.
COST, \$2250

(3235) SW ROLPH 75 NW Curtls.

One-story and basement frame dwlg.
Owner.....C. H. Mullen, Daly City.
Architect...F. Mullen, Daly City.
Day's work. COST, \$1100

(3236) NO. 1. GEARY. General re-
pairs to store.
Owner.....G. Wilfelt Co., Premises.
Architect...None.
Contractor...L. & E. Emanuel Inc., 144
12th, San Francisco.
COST, \$1900

(3237) N OLGAUME 200 E Fifth. Add
one-story corrugated iron.
Owner.....The Moran Co., 53 Bluxome
San Francisco.
Architect...None.
Contractor...J. W. Cobby, 180 Jessie,
San Francisco.
COST, \$450

(3238) No. 2773 PINE. Repair stable
and build concrete wall.
Owner.....Mrs. Kenny, Premises.
Architect...None.
Contractor...McCabe & Brown, 521 1st
Nat'l Bank Bldg., S. F.
COST \$475

(3239) E THIRTEENTH AVE 175 S
Moraga. One-story and basement
frame dwelling.
Owner.....Matt O'Connor, 9th Ave nr.
Lake, San Francisco.
Architect...None.
Day's work. COST, \$500

(3240) NO. 674 VIENNA. Add 18 feet
to building.
Owner.....James McNeil, Premises.
Architect...None.
Day's work. COST, \$500

(3241) NO. 1677 OCTAVIA. Add three
rooms.
Owner.....Miss Bell, Premises.
Architect...None.
Contractor...J. M. Grauer, 1656 O Far-
rell, San Francisco.
COST, \$400

(3242) N TWENTY-EIGHTH 292 W
Noe. One-story and basement frame
dwelling.
Owner.....C. Anderson, 18 Sanchez,
San Francisco.
Architect...None.
Day's work. COST, \$1000

(3243) NO. 548 PARIS. Raise and un-
derpin and add concrete foundation.
Owner.....C. Johnson, Premises.
Architect...None.
Contractor...H. E. Doyal, 291 Paris,
S. F.
COST, \$350

(3244) E SUNNYSIDE 50 S Forester.
One-story frame store.
Owner.....P. Malta, 583 Sunnyside
Ave., San Francisco.
Architect...None.
Day's work. COST, \$150

(3245) NO. 2111 CALIFORNIA. Add 4
rooms.
Owner.....Fidelity Pierce, Premises.
Architect...None.
Contractor...J. E. Dickleson, 1046 Hyde,
San Francisco.
COST, \$500

(3246) W TWENTY-SECOND AVE 125
N Anza. Two-story and basement
frame dwelling.
Owner.....C. C. Slonicker, 1726-A
Turk, San Francisco.

Architect...None.

Day's work. COST, \$1500

(3241) E SEVENTEENTH AVE 200 S

Lake. Two-story and basement

frame (2) flats.

Owner.....J. Johnson, 488 9th Ave.,

San Francisco.

Architect...None.

Day's work. COST, \$4500

(3248) NO. 990 McALLISTER. New

front.

Owner.....Bon Bros. Premises.

Architect...None.

Day's work. COST, \$500

(3249) NO. 2374 GREEN. Extend

garage.

Owner.....Wm. Curlett, Los Angeles.

Architect...None.

Contractor...H. R. Hall, 725 20th Ave.,

San Francisco.

COST, \$500

(3250) NW POST AND SCOTT N 165

W 220 S 27-6 E 27-6 S 27-6 E 55 S 110

E 137-6. Concrete and bituminous

pavements, walls, fences, gates on

grounds and side walk of hospital

building, laundry and boiler house.

Owner.....Mount Zion Hospital, Prem.

Architect...J. E. Krafft & Sons, Phe-

lian Bldg., San Francisco.

Contractor...City Street Imp. Co. Mer-

chants' Exchange Bldg.,

San Francisco.

Filed Sept. 5, '13. Dated Aug. 29, '13.

One-half work completed.....\$1000

Completed and accepted..... 1000

36 days after..... 700

Bond, \$1350. Sureties, J. F. Dowling

and J. J. Dowling. Limit, Oct. 1. For-

feit, \$10. Plans and specifications filed

(3251) W TENTH AVE 33-4 N Balboa

N 23-4xW 95. All work for two-

story frame residence.

Owner.....D. C. Heger, 243 Kearny,

San Francisco.

Architect...None.

Contractor...Wm. C. Hamerton & Son,

1301 Waller, San Francisco.

Filed Sept. 5, '13. Dated Sept. 3, '13.

Frame up and roof rafters on.....\$1050

1st coat plaster on inside and

outside..... 1050

Completed..... 1050

Usual 35 days..... 1050

TOTAL COST, \$4200

Bond, limit, forfeit, none. Plans and

specifications filed.

(3252) SE SHADER & RIVOLI AVE.

All work except plumbing, window

shades and fixtures for two-story

frame flats.

Owner.....P. Keane, 155 Rivoli Ave.,

San Francisco.

Architect...Rhodes & Marsh, 3372 16th

San Francisco.

Contractor...J. C. Dowlin.

Filed Sept. 5, '13. Dated Aug. 27, '13.

1st floor job is on.....\$1000

Frame up and sheathing on..... 1000

Building plastered..... 1000

Completed and accepted..... 2250

TOTAL COST, \$5250

Bond, \$2000. Surety, P. E. Mertes.

Limit, 90 days. Forfeit, none. Plans

and specifications filed.

(3253) E TWENTY-THIRD AVE 60 S

Ulloa S 30x E 120. All work for one-

story frame residence.

Owner.....Colema M. Stewart, 1050

Eddy, San Francisco.

Architect...J. M. Geary, 23rd and Fol-

son, San Francisco.

Contractor...Parkside Home Bldg. Co.,

Crocker Bldg., S. F.

Filed Sept. 5, '13. Dated Aug. 30, '13.

On execution of this agreement.....\$200

Rough frame done..... 500

Brown coated..... 750

Completed..... 750

Usual 35 days..... 830

TOTAL COST, \$3070

Bond, \$1600. Sureties, Wm. Trebell,

Edwin Schwab and L. V. Riddle. Limit,

70 days. Forfeit, none. Plans and

specifications filed.

(3254) SE MARKET 305 SW Brady

SW 34 SE 124 m or 1 NE 23 NW 124

m or 1 MB 14. Carpenter, mill, com-

position roof, galvanized iron, tin,

glazing, hardware, lath, plaster, mar-

ble, tiling, ornamental iron and stairs

for five-story and basement reinforced

concrete and frame hotel and store

building.

Owner.....Carmel Fallon, 1802 Mar-

ket, San Francisco.

Architect...C. A. Neusdorffer, Hum-

boldt Bank Bldg., S. F.

Contractor...Ed. Mooney, 29 Coso Ave.,

San Francisco.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Roof on.....\$3262 50

Brown coated..... 2262 50

Standing finish on..... 3262 50

Completed and accepted..... 3262 50

Usual 35 days..... 4250 00

TOTAL COST, \$17,400 00

Bond, \$8700. Surety, Fidelity & De-

posit Co. of Maryland. Limit, 85 days.

Forfeit, none. Plans and specifications

filed.

(3255) REINFORCING, CONCRETE &

cement work on above

Contractor...H. L. Petersen, 62 Post,

San Francisco.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Ready for 2nd floor joists.....\$2500

Ready for 3rd floor joists..... 2500

Fire walls topped out..... 2500

Completed and accepted..... 750

Usual 35 days..... 2750

TOTAL COST, \$11,000

Bond, \$5500. Sureties, Chas. A. Carillon

and C. Breckman. Limit, without de-

lay. Forfeit, none. Plans and specifi-

cations filed.

(3256) PLUMBING, SEWER AND GAS

fitting and drainage on above.

Contractor...F. Koch & Son, 1808 Mar-

ket, San Francisco.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Rough plumbing in.....\$1488 75

Completed and accepted..... 1488 75

Usual 35 days..... 992 50

TOTAL COST, \$3970 00

Bond, \$1985. Surety, Fidelity & De-

posit Co. of Maryland. Limit, as fast

as possible. Forfeit, none. Plans and

specifications filed.

(3257) STEAM HEATING PLANT &

domestic hot water tank on above.

Contractor...Wittman Lyman & Co, 315

Polk, San Francisco.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Rough piping in.....\$400 00

Completed and accepted..... 421 25

Usual 35 days..... 273 75

TOTAL COST, \$1095 00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications

filed.

(3258) PAINTING VARNISHING &

finishing on above.

Contractor...H. Margdrell, 586 Hayes,

San Francisco.

Filed Sept. 5, '13. Dated Sept. 4, '13.

One-half work executed.....\$400 00

Completed and accepted..... 432 50

Usual 35 days..... 277 50

TOTAL COST, \$1110 00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications

filed.

(3259) DAMP PROOFING ON ABOVE.

Contractor...Paraffine Paint Co, 34 1st,

San Francisco.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Completed and accepted.....\$440 25

Usual 35 days..... 146 75

TOTAL COST, \$587 00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications

filed.

(3260) OIL BURNING EQUIPMENT

on above.

Contractor...Fess System Co, 220 Na-

toma, San Francisco

Filed Sept. 5, '13. Dated Sept. 4, '13.

Completed and accepted.....\$525

Usual 35 days..... 175

TOTAL COST, \$700

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications

filed.

(3261) ONE PASSENGER ELECTRIC

elevator on above.

Contractor...Otis Elevator Co, Beach

and Stockton, S. F.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Upon shipment of engine..... 1/2

Engine in permanent position.. 1/4

Complete running order..... 1/4

TOTAL COST, \$1740

Bond, none. Limit, Feb. 1, '14. For-

feit, none. Plans and specifications filed

(3262) ELECTRIC LIGHT, POWER &

bell wiring on above.

Contractor...Gas. & Elec. Appliance

Co, 441 Sutter, S. F.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Rough wiring installed and in-

spected.....\$595

Completed and accepted..... 300

Usual 35 days..... 300

TOTAL COST, \$1195

Bond, none. Limit, as fast as possible.

Forfeit, none. Plans and specifications

filed.

(3263) S HAIGHT, bet Octavia and

Laguna. Alterations and additions

to building on rear of lot.

Owner.....G. G. Burnett Estate Co.

Architect...C. H. Skidmore, Foxcroft

Bldg., San Francisco.

Contractor...Harry Warwick, 180 Jes-

sie, San Francisco.

Filed Sept. 5, '13. Dated —.

No payments given.....

TOTAL COST, \$1310

Bond, limit, forfeit, none. Plans and

specifications filed.

(3264) NE CALIFORNIA & ELLICK

Lane E 60xN 77-6. All work ex-

cept heating, electric wiring, paint-

ing, gas and electric fixtures wall

beds, art glass, finish hardware,

grading, cement and brick work for

three-story and basement frame

apartments.

Owner.....Ludwig Bless, 4 Kearny,

San Francisco.

Architect...Jos. Cahen, 45 Kearny,

San Francisco.

Contractor.—Michael Demyniak, 1463 5th Ave., San Francisco.
Filed Sept. 5, '13. Dated Sept. 3, '13.
Frame up\$1500 00
Brown coated 4574 25
Enclosed & standing trim on 2574 25
Completed and accepted..... 4324 25
Usual 35 days..... 4323 25
TOTAL COST, \$17,297 00
Bond, \$8650. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, \$10. Bonus, \$10. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Sept. 5, 1913—W NOE 114 S from SE Market S 42-9 1/4 W 80 N 88-4 1/2 m or 1 NE 62-2 1/4 S 86-0 1/2 E 32-8. William H Crim as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Sept. 4, 1913—S WASHINGTON 68-9 W Front W 30xS 120. Mary N. Lucy H and Edith W Allyn and W W H White as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Sept. 2, 1912—COMG AT A POINT on a line drawn at r t a to the line of Scott 37-6 E from a pt on E Scott, 110 N Haight E 239-4 1/2 S 110 to Haight E 48-1 1/2 N 137-6 W 215 S 24 W 72-6 S 3-6. Helen Auguste Elsie Wilhelmine Schulte, Johanna Helene Augusta Jantzen (wife Carl Jantzen), Wilhelmine Amelle Marie Schulte or Wilhelmine Amelle Marie Schulte, Wilhelm Heinrich Gerhard Schulte, Otto Charles Henry Schulte and Walter Gustav Adolf Schulte as to improvements on leased property.....

COMPLETION NOTICES.

San Francisco.

Aug. 30, 1913—SE MARKET & ECKER. Crocker Estate Co. to The Yale & Towne Mfg. Co., Aug. 29, 1913
Aug. 30, 1913—S CARRILLO, 95 E 10th Ave., E 25xS 105. Oscar W. Thunberg to whom it may concernAug. 30, 1913
Aug. 30, 1913—NW BUSH & TAYLOR. W. J. Jones and Charles Lubbe (Jones & Lubbe) lessees to whom it may concernAug. 30, 1913
Sept. 2, 1913—SE HYDE & BEACH S 35 E 137-6 N 35 W to beg. Milton S Elser to L A Rose.....Aug. 29, 1913
Sept. 2, 1913—E BAKER 55 N McAllister N 50xE 96-10 1/2. Owen McHugh to Henry Jacobs.....Aug. 23, 1913
Sept. 2, 1913—S LOMBARD 110-6 W Baker. Giulio Fassia to P PrassoAug. 30, 1913
Aug. 29, 1913—NE POPE, 50 SE Morse — 25xNE 120 Lot 32 Blk 5 Syndicate's 1st Addition. Felix & Pilar Castanedo.....Aug. 30, 1913
Sept. 3, 1913—S GRAFTON 75 W Golden State over to 125 ft. West. No. 429 Grafton Ave. John and Charlotte Leffler to Keller & CraneAug. 30, 1913
Sept. 3, 1913—W NINTH AVE 100 N Clement N 75xW 120. E Glnley to whom it may concern.....Sept. 1, 1913

Sept. 3, 1913—W HYDE 60 N Green 40 x60. C W Hansen and Halvor Jacobsen to C W Hansen & Halvor JacobsenSept. 2, 1913
Sept. 3, 1913—NW VAN NESS AVE & Oak W 157-6 N 80 W 21 N 40 E 178-6 W to W line Van Ness Ave 120 to beg. Masonic Temple Ass'n to Stockholm & Allyn.....Aug. 28, 1913
Sept. 3, 1913—SE RUSSIA AVE 100 NW Athens NW 25xSW 100 Blk 62 Excel Hd. Ass'n. Siegmund H Friedricks to whom it may concernSept. 3, 1913
Sept. 3, 1913—SE TOWNSEND 89 SW Second SW 50xSE 125. Warehouse Investment Co to A Lynch & Woods S Huddart.....March 20, 1912
Sept. 3, 1913—N GREEN 65-6 E Leavenworth The George A Bos Co to Farrell & Reed.....Sept. 3, 1913
Sept. 2, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 extg on E and W sides 137-6. The Insurance Exchange Inc to McFell Elec Co.....Aug. 30, 1913
Sept. 2, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to California Elec Constr Co., Aug. 29, '13; Wm F Wilson Co.....Aug. 29, 1913
Sept. 2, 1913—SW WASHINGTON & Front W 68-9xS 60. Joseph Estate Co to John E Beck.....Aug. 30, 1913
Sept. 2, 1913—W GRANT AVE 84 S Union 29x65. L Ravani to G Mariconi.....Sept. 2, 1913
Sept. 2, 1913—S IRVING 32-6 W 26th Ave 25x100. M Francesconi to Furnocchia Petri & Co.....Aug. 29, 1913

LIENS FILED

Aug. 26, 1913—N SAN JOSE AVE, 200 W Walnut St., W 50xN 150, Alameda, Chas. Lamont vs. Thomas G. Morris\$167.50
Aug. 27, 1913—LOT 16, Amended Map Alta Piedmont Tract, Piedmont, Bruce Lumber and Mill Co. vs. H. E. Jones and E. J. Aalto.....\$822.26
Aug. 28, 1913—LOT 8, BLK A, Map Central Piedmont Tract, Piedmont, Bert T. Johnson vs. Alice M. Garrison\$190
Aug. 28, 1913—LOT 6 & PART LOT 5, Blk F, corrected map Nicol Tract, Oakland, Hogan Lumber Co. vs. William M. and Nellie L. Morris\$67.50
Aug. 28, 1913—SE GILBERT ST, 160 SW Mather St., SW 40.50xSE 125, Oakland, Hogan Lumber Co. vs. W. J. Judson and Selden S. Wright\$686.06
Aug. 28, 1913—LOT 4 & PART LOTS 3 and 5, blk F, corrected Map Nicol Tract, Oakland, Hogan Lumber Co. vs. Wm. M. and Nellie L. Morris\$97.83
Aug. 29, 1913—LOT 24, BLK E, Map No. 2, Linda Ista Terrace, Oakland, Borland & Lemon vs. J. H. Robinson\$506.84
Aug. 29, 1913—SE LA LOMA PARK, N 30xS 23, W 165.1, SW 174.30, SE and SW 254.25, E 248.8, Berkeley, Wm. A. Newman vs. Chas. C. Boynton\$712
Aug. 29, 1913—LOT 22, BLK E, Map Kenwood Park, Oakland, Inland Floor Co. vs. R. S. McHenry, J. W. Jones and Wm. H. Morris.....\$73.27

OAKLAND AND ALAMEDA

RESIDENCE, 1 1/2 story, attic and base, frame, \$1,000. Oakland, Alameda Cal. Architects, H. G. Hufuss and Son 16 Kearny street, S. F. Owner's name withheld. The dwelling will contain six rooms, sleeping porch and bath and is to be erected in one of the select residence sections of Alameda. Interior finish will be of pine and hardwoods. Hardwood doors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have composition floor and tile wainsot. There will be an automatic water heater in tiled. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Cal. Architect, none. Owner, J. Brown Schuyler, Solano avenue, Berkeley. This dwelling has been designed for a nine room house with bath and sleeping porch and will be erected on Marin avenue near Fresno street. Interior finish will be largely of pine with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantels will be of brick. An automatic water heater will be installed. Exterior of the house will be room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by day labor.

TRUNGLOW 1 story and base, frame, \$3,000. Oakland, Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, A. M. Duncan. The dwelling is to be erected on Kingston avenue and will contain six rooms, bath and sleeping porch. Interior finish will be of pine and some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared for the work.

RESIDENCE—2 story and base, frame, \$7,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Thomas C. Huxley. The house will be erected in Elmwood Park and will contain 8 or 9 room, several baths and sleeping porch. Interior will be finished in pine, hardwood and white enamel. Hardwood floor will be used in the principal rooms. Bath rooms will have composition floors and tile wainsot. There will be a central heating system, probably furnace heat, and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will shortly be called.

RESIDENCE—2 story and base, frame, Cost not stated. Oakland, Cal. Architect, none. Owner, P. M. Fisher. Principal Polytechnic H.S. School Oakland. The dwelling will be erected on Orange street near Perry and has been designed to contain seven rooms and bath. Interior will be finished in

pine with some elm panels and hardwood floor. There will be a large open fire place in the living room with brick or the mantel. Bath room will have composition floor and tile wainscot. An automatic water heater and vacuum cleaning system will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner, who is taking figures on the work.

RESIDENCE—2 story and base, frame. Cost not stated, Oakland, Cal. Architect, A. W. Smith, 1004 Broadway, Oakland. Owner, Mrs. A. C. Jessie. The dwelling will contain seven rooms, bath and sleeping porch and will be erected on Mira Vista avenue. Interior will be finished in pine and redwood with some hardwood floors. There will be an open fire place in the living room with tile or brick mantel. Bath room will have the waincot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Ocheltree. The dwelling has been designed for a seven room house and will be erected on Bonita avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the bath room and kitchen. An reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$4,500. Piedmont, Alameda Co., Cal. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, H. P. Houston. The dwelling has been designed for a seven room house with bath and sleeping porch and will be erected in Piedmont Manor. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken on the work.

RESIDENCE ALTERATION—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, O. A. Giles. This work will consist of both interior and exterior work and is to be done at the premises at the corner of Telegraph and Oregon streets. There will be new exterior covering, shingles and cement plaster, new interior finish, pine and hardwood floors, gas grates and brick mantels. Work will also call for plastering, plumbing, painting and electric work. Plans are being prepared.

BUNGALOW—1 story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architects, United Home Builders, 1762 Broadway, Oakland. Owners, United Home Builders. The bungalow will contain six rooms, bath and sleeping porch. Interior finish will be mostly of pine and redwood. Hardwood

floors will be used in the principal rooms. There will be a large open fire place in the living room with brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,500. Piedmont, Alameda Co., Cal. Architect, A. J. Yerrick, Blake Bldg., Oakland. Owner, F. B. Fernhoff. The dwelling is to be erected at the southwest corner of Bonita and Pamona avenues and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. J. Knight. The dwelling has been designed for an eight room house with bath and sleeping porch and will be erected in Northbrae. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owner, C. M. Orr. This house will be erected on Euclid avenue in Adams Point and will contain in the neighborhood of 8 rooms, bath and sleeping porch. Interior will be finished in pine and hardwoods with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot and tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. A. J. Larkey. This house has been mentioned here before when the architects were first commissioned to prepare plans. The dwelling will contain 10 rooms and bath. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. Bath rooms will have tile floors and tile wainscot. A garbage incinerator will be installed, also a vacuum cleaning system and automatic water heater. There will be furnace heat and open fire places. Mantels will be

of brick and tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street Berkeley. Owner, D. Goodale. The house has been designed for a seven room dwelling with bath and sleeping porch and will be erected on Benvenue street. Interior finish will be largely of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. An automatic water heater will also be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW—1½ story and base, frame, \$2,700. Oakland, Cal. Architects, Newton and Dixon, 812 Broadway, Oakland. Owner, Mr. Coward. The dwelling will be erected at the corner of Shafter and College streets and has been designed for a six room dwelling with bath. Interior finish will be of pine throughout. There will be a large open fire place in the living room with brick mantel. Some hardwood floors will be used. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

BUNGALOW—1½ story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, J. A. Brett, 727 59th street, Oakland. The house will contain six rooms and bath and will be erected on Crescent street near Santa Clara. Interior finish will be of pine with some hardwood floors. Open fire place and a brick mantel will be used in the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are being purchased.

APARTMENT HOUSE—6 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owners, Bugliere Co. This work has been mentioned here a number of times before. Contracts for the steel work and foundation work have been let. Plans for the carpentry work are now out for figures. The building will be erected at the corner of 12th and Grove streets. Bids are also being taken for the plumbing on the same building.

FLATS—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Mrs. M. A. Lindbloom. The building will be erected on the south side of Parker avenue near Hillegass and will contain 2 five room flats with baths. Interior finish will be of pine, redwood and some hardwood. Each living room will have a large open fire place and brick or tile mantel. Hardwood floors will be used in the principal rooms. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans

are being prepared and figures will shortly be taken.

FLATS—2 story and base, frame, \$8,500. Oakland, Cal. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Linda avenue and has been designed to contain four apartment flats each of four rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Each apartment will have a wall bed. A hot water system will be installed. Exterior of the building will be covered with brick veneer and rustic. Plans are being prepared.

Building Contracts Awarded Oakland.

2579	Patterson	Siebe	400
2580	Gratian	Gratian	750
2581	Rossi	Martel	900
2582	United	United	250
2583	Wallace	Hollenbeck	3500
2584	O'Neil	Gallagher	2050
2587	Irwin	Bullock	2000
2588	Coleman	Soagy	400
2589	Hodge	Hodge	1000
2595	Fernhoff	Fernhoff	4500
2596	McMullen	Olsen	3500
2598	Brown	Porter	1600
2599	Price	Price	2500
2600	Sheridan	Sheridan	3000
2601	Holverson	Johnson	1900
2602	Costodia	Costodia	1400
2606	Brasch	Brasch	5000
2607	McAlister	McAlister	1500
2608	Sipe	Kaler	1500
2609	La Place	Thomsen	600
2610	Cal E M G Ass'n	Stange	2500
2611	Tiedeman	Faulkes	1000
2612	Rasmussen	Larsen	600
2614	Morgan	Martin	2000
2616	Miller	Blake	6490
2617	Pottlinga	Pottlinga	1800
2618	Giles	Giles	500
2619	Hatch	Gunn	300
2620	Martin	Stanley	750
2621	Henas	Brown	880
2622	Hinch	Legault	2450
2623	Diercken	Owner	2550
2624	Corey	Corey	500
2625	Bourguin	Anderson	300
2627	Lane	Texdahl	2800

(2579) NO. 619 JONES, Oakland. Alterations.
Owner.....Mary H. Patterson.
Architect.....None.
Contractor.....Siebe & Hine.
COST, \$400

(2580) N FORTY-NINTH 100 W Broadway, Oakland. One-story 4-room dwelling.
Owner.....M. Gratian, 1228 Euclid Ave., Berkeley.
Architect.....None.
Day's work.....COST, \$750

(2581) S FORTY-FIFTH 100 E Grove, Oakland. One-story 4-room dwlg.
Owner.....J. Rossi.
Architect.....None.
Contractor.....Geo. Martel, 557 15th, Okd.
COST, \$900

(2582) E ROSE AVE 257 S Greenbank, Piedmont. One-story 5-room bungalow.
Owner.....United Home Builders, 1762 Broadway, Oakland.
Architect.....None.
Day's work.....COST, \$2500

(2583) MAGNOLIA AVE Lot 2 Piedmont Terrace, Piedmont. One and one-half-story residence.
Owner.....Wm. A. Wallace, El Nido

Apartments, Oakland.
Architect.....None.
Contractor.....G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.
COST, \$3500

(2584) N FORTY-FOURTH 140 E West E 50xN 100, Oakland. All work for one-story 5-room dwlg.
Owner.....Thomas F. and Bridie O'Neil, Oakland.
Architect.....None.
Contractor.....Gallagher & Motts, 393 Hawthorne, Oakland.
Filed Sept. 2, '13. Dated Sept. 2, '13.
Owner to pay bills.....

TOTAL COST, \$2050
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2587) E LAKE SHORE BLVD 200 N E-12th, Oakland. One and one-half-story 5-room dwelling.
Owner.....Robert Irwin, Oakland.
Architect.....None.
Contractor.....O. M. Bullock, 1706 8th Ave., Oakland.
COST, \$2000

(2588) SE SEVENTH AND WEST, Oakland. Alterations.
Owner.....Isaac Coleman, 646 West, Oakland.
Architect.....None.
Contractor.....C. Soagy, 646 West, Okd.
COST, \$400

(2589) NO. 1755 SIXTEENTH AVE., Oakland. Alterations and additions.
Owner.....John R. Hodge, Premises.
Architect.....None.
Day's work.....COST, \$1000

(2595) SW BONITA & RAMONA, Piedmont. Two-story residence.
Owner.....F. B. Fernhoff, 103 Monticello Ave., Piedmont.
Architect.....A. J. Yerrick, Blake Bldg., Oakland.
Day's work.....COST, \$1500

(2596) E MANDANA BLVD 200 S Lake Shore, Oakland. Two-story 7-room dwelling.
Owner.....R. J. McMullen.
Architect.....A. W. Smith, 1004 Broadway, Oakland.
Contractor.....Edward Olsen, 29 Westall, Oakland.
COST, \$3500

(2598) S HILGARD AVE 225 W La Loma, Oakland. Alterations and additions.
Owner.....B. R. Brown, 2620 Hilgard Ave., Oakland.
Architect.....None.
Contractor.....H. H. Porter, 2616 Cedar, Oakland.
COST, \$1600

(2599) SW SIXTIETH & HOWELL, Oakland. Two-story 6-room dwlg.
Owner.....Price Bros., 498 Alcatraz Ave., Oakland.
Architect.....None.
Day's work.....COST, \$2500

(2600) W GREENWOOD AVE 400 W 13th Ave., Oakland. One-story 6-room dwelling.
Owner.....K. M. Sheridan, 1020 Broadway, Oakland.
Architect.....None.
Day's work.....COST, \$2500

(2601) W HALEY 250 S Hopkins, Oakland. One-story 6-room dwelling.
Owner.....Anna Holverson.
Architect.....None.

Contractor.....Johnson & Kolen, 227 Greenbank Ave., Oakland.
COST, \$1900

(2602) W BROADWAY 270 N 41st, Oakland. One-story store.
Owner.....J. J. Costodio, 1704 55th Ave., Oakland.
Architect.....None.
Day's work.....COST, \$1400

(2606) S ROCKRIDGE BLVD 503 E Broadway, Oakland. Two-story 8-room dwelling.
Owner.....L. S. W. Brasch, 5836 Ocean View Drive., Oakland.
Architect.....None.
Contractor.....M. P. Bra-ch, 5836 Ocean View Drive., Oakland.
COST, \$5000

(2607) S EIGHTH 75 off Madison, Oakland. Two-story 6-room flats.
Owner.....Mrs. McAlister, 155 8th, Oakland.
Architect.....None.
Day's work.....COST, \$1500

(2608) E NINETY-SIXTH AVE 200 S E-14th, Oakland. One-story 4-room dwelling.
Owner.....N. E. Sipe, 1323 96th Ave., Oakland.
Architect.....None.
Contractor.....Mike Kalen, 1207 Jones Ave., Oakland.
COST, \$1500

(2609) NO. 615 THIRTY-FIFTH, Oakland. Addition.
Owner.....A. LaPlace, Premises.
Architect.....None.
Contractor.....A. Thomsen, 2766 Grove, Oakland.
COST, \$600

(2610) S FIFTY-FOURTH 135 W Dover, Oakland. One-story church.
Owner.....Cal. E. M. G. Ass'n, 719 54th, Oakland.
Architect.....None.
Contractor.....D. W. Stanage, 896 55th, Oakland.
COST, \$2500

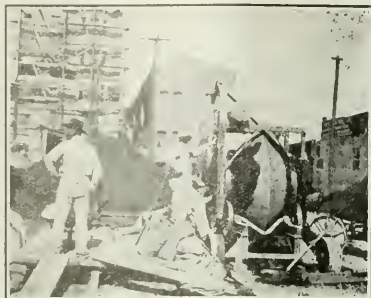
(2611) E NINETY-SECOND AVE 100 S "D," Oakland. One-story 4-room dwelling.
Owner.....Jno. Tiedman, Oakland.
Architect.....None.
Contractor.....J. R. Fau'kes, 9828 E-14th, Oakland.
COST, \$1000

(2612) S E-FOURTEENTH 115 E 22nd Ave., Oakland. Garage
Owner.....C. Rasmussen, 3546 Elmwood Ave., Oakland.
Architect.....None.
Contractor.....R. K. Larsen, 3312 Elmwood Ave., Oakland.
COST, \$600

(2614) W COLLEGE AVE 50 S Durant, Oakland. Alterations.
Owner.....Mrs. Morgan.
Architect.....None.
Contractor.....C. A. Martin, 1050 Keith Ave., Oakland.
COST, \$2000

(2616) TWENTY-FIRST, bet Webster and Harrison, Oakland. Plumbing and heating for apartment house
Owner.....D. Miller, Premise.
Architect.....None.
Contractor.....L. W. Blake, 1532 Webster, Oakland.

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Filed Sept. 4, '12. Dated —
Commencement of work.....\$1490
Roughing in completed (re-
mainder).....37%
Completed and accepted (re-
mainder).....38%
Usual 35 days (remainder).....25%
TOTAL COST, \$6490
Bond, none. Limit 15 days. Forfeit,
none. Plans and specifications, none.

(2617) N FORTY-FOURTH 190 E
Linden, Oakland. One-story 5-room
dwelling.
Owner.....Gertrude T. Pottinga, 1970
15th, San Francisco.
Architect...R. Morgenier, 1644 Tele-
graph Ave., Oakland.
Contractor...W. Pottinga, 1970 15th,
San Francisco.
COST \$1800

(2618) NE TELEGRAPH & OREGON.
Oakland. Alterations.
Owner.....O. A. Gibbs, 131 Buchanan,
San Francisco.
Architect...None.
Day's work.....COST, \$500

(2619) N 247 ADAMS, Oakland. Ad-
dition.
Owner.....Hatch.
Architect...None.
Contractor...J. F. Gunn.
COST, \$300

(2620) W FIFTIETH AVE 400 N E-
14th, Oakland. Addition.
Owner.....Lou Martin, 1419 60th
Ave., Oakland.
Architect...None.
Contractor...C. B. S. Cole, 1507 50th Av
Oakland.
COST, \$750

(2621) NO. 4612 E-FOURTEENTH,
Oakland. Alterations.
Owner.....Manuel Henas, 1924 E-14th
Oakland.
Architect...None.
Contractor...Brown & Damerall, 1543
19th Ave., Oakland.
COST, \$880

(2622) S WESLEY AVE 300 E Lake
Shore, Oakland. One-story six-room
dwelling.
Owner.....Jos. Hinch, 1542 Broadway,
Oakland.
Architect...None.
Contractor...O. Legault, 3136 West, Okd
COST, \$2450

(2623) W SCHOOL 170 W Fruitvale
Ave., Oakland. One-story five-room
dwelling.
Owner.....Mnss C. Diercken, 2029
Fillmore, San Francisco.
Architect...None.
Day's work.....COST, \$2550

(2624) NO. 1602 MELROSE AVE., Oak-
land. Addition.
Owner.....W. J. Corey, Premises.
Architect...None.
Day's work.....COST, \$500

(2625) NO. 5369 WEBSTER, Oakland.
One-story 2-room dwelling.
Owner.....Paul A. Bourquin.
Architect...None.
Contractor...Jos. Anderson.
COST, \$300

(2627) PTN LOTS 1, 2 AND 3 BLK "G"
Stanford Tract, Oakland. All work
for two-story dwelling.

Owner.....Clarence G. Lane, 2117 10th
Ave., Oakland.
Architect...None.
Contractor...C. Texdahl, 7035 Harper,
Berkeley.

Filed Sept. 4, '13. Dated Sept. 3, '13.
Frame up.....\$700
1st coat plaster on.....700
Completed and accepted.....700
Usual 35 days.....700
TOTAL COST, \$2800
Bond, none. Limit, 15 days. Forfeit,
none. Plans and specifications filed.

NON-RESPONSIBILITY.

LOT 133, Map Woodlawn Park, Oak-
land Tp. Charlotte Cnty as to im-
provements on leased property.....

Building Contracts Awarded

Berkeley.

2585	Steedman	.....Ross	2500
2586	Rasmussen	.....Larsen	1440
2590	McKay	.....McKay	2000
2591	Peake	.....Johnson	2600
2592	Perkins	.....Perkins	500
2593	Berkeley	.....Mohr	650
2594	Petersen	.....Aalto	4500
2603	The Cutter	.....Stallan	3500
2604	Calabria	.....Taylor	3000
2605	Schuyler	.....Owner	4800
2612	John	.....Okd Bldg Co	2900
2615	Baird	.....House	5270
2626	Newman	.....Krieger	5221

(2585) W EDITH 120 N Jaynes N 50x
W 102.5, Berkeley. All work for
one-story 5-room dwelling.

Owner.....J. A. Steedman.
Architect...None.

Contractor...D. W. Ross.
Filed Sept. 2, '13. Dated July 26, '13.
Frame up and rafters on..... 1/4
Outside enclosed and plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2500

Bond, none. Limit, 80 days after July
28. Forfeit, none. Plans and speci-
fications, none.

(Correction in location)

(2550) 1/4 PRINCE 150 W Treiaont,
Berkeley. Alterations.
Owner.....H. John.
Architect...None.

Contractor...Oakland Bldg. & Invt. Co.
Bacon Bldg., Oakland.
COST, \$2850

(2586) LOT 20 BLK 119 Map Tract
"B" of Berkeley L. T. L. Ass'n, Ber-
keley. All work for one-story 5-room
dwelling.

Owner.....S. Rasmussen, 2235 9th,
Berkeley.

Architect...None.
Contractor...John Larsen, Berkeley.
Filed Sept. 2, '13. Dated Aug. 28, '13.
Frame up.....\$360
Brown coated.....360
Completed.....360
Usual 35 days.....360
TOTAL COST, \$1440

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

(2590) N CARLETON 215 — Shattuck,
Berkeley. One-story 5-room dwlg.
Owner.....John McKay, 22 Gough,
San Francisco.

Architect...None.
Day's work.....COST, \$2000

(2591) S WARD 302.50 E Ellsworth, Berkeley. One and one-half-story 6-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Contractor...Gustaf Jonasson, 1811 Rose, Berkeley.
COST, \$2600

(2592) S WOOLSEY 150 W California, Berkeley. One-story 3-room dwlg.
Owner.....Gertrude Perkins, 2124 Ashby, Berkeley.
Architect...None.
Contractor...J. R. Perkins, 2124 Ashby, Berkeley.
COST, \$500

(2593) COR. GROVE & BANCROFT, Berkeley. One-story 1-room portable school.
Owner.....City of Berkeley.
Architect...None.
Contractor...C. D. Mohr, 530 66th, Okd.
COST, \$650

(2594) S LERIDA AVE 600 W Walla Vista, Berkeley. Two-story 7-room dwelling.
Owner.....E. J. Aalto and Alto Peterson, 1316 Addison, Bkly.
Architect...None.
Contractor...E. J. Aalto, 1531 California Berkeley.
COST, \$1500

(Correction in Owner's Name)

(2587) COR. DOWNTOWN WAY & PIEDMONT AVE., Berkeley. Interior painting and papering for two-story and basement dwelling.
Owner.....T. M. Shearman, 1799 Bellevue, Berkeley.
Architect...W. H. Ratcliff Jr., First National Bank Bldg., Bkly.
Contractor...Gurnette & Chandler, San Francisco.

Filed Aug. 30, '13. Dated Aug. 27, '13.
1st day of each month..... 75%
Usual 35 days 25%
TOTAL COST, \$1335
Bond, limit, forfeit, none. Specifications only filed.

(2603) S GRAYSON W Cor. 6th, Berkeley. Two-story barn.
Owner.....The Cutter Laboratory, Premises.
Architect...None.
Contractor...H. J. F. Satten, 2536 Carlton, Berkeley.
COST, \$3500

(2604) W COLLEGE AVE 301 S Woolsey, Berkeley. Two-story 7-room dwelling.
Owner.....Miss Matilda Calorja, 5253 Miles Ave., Oakland.
Architect...None.
Contractor...F. Taylor, 5237 Miles Ave., Oakland.

COST, \$3000

(2605) N MARIN AVE 48 W Fresno, Berkeley. Two-story 9-room dwlg.
Owner.....J. Brown Schuyler, Soloma Ave and The Alameda, Bkly.
Architect...None.
Day's work. COST, \$1800

(2613) N PRINCE 150 W Tremont, Berkeley. Alterations.
Owner.....H. John, 1929 Prince, Bkly.
Architect...None.
Contractor...Oakland Bldg. & Inv't Co., Bacon Bldg., Oakland.
COST, \$2900

(2615) W PROSPECT 400 S Channing Way S 50xW 100, Berkeley. All work for two-story and basement dwelling.

Owner.....Dudley Baird, 2436 Prospect Ave., Berkeley.
Architect...Harris Allen, 2514 Hille-gass Ave., Berkeley.
Contractor...Jacob House, 1818 Hear-t Ave., Berkeley.

Filed Sept. 4, '13. Dated Sept. 3, '13.
Frame up \$1306 00
1st coat plaster on 34
Completed and accepted 34
Usual 35 days 34
TOTAL COST, \$5270
Bond, \$2635. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2526) LOT 3 BLK 3 Cragmont, Berkeley. All work for two-story and basement eight-room dwelling.
Owner.....Myrtle A. Newman, Bkly.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...C. J. Krieger, Bkly.
Filed Sept. 5, '13. Dated Aug. 25, '13.
Frame up \$1306 00
Brown coated 1306 00
Completed and accepted 1306 00
Usual 35 days 1306 50
TOTAL COST, \$5224 50
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded

Alameda.

2576 Ommundsen	Johnson	2800
2577 Gott	Gott	500
2578 Reiten	Noble	4000
2597 Fulton	Richards	400

(2576) SW BAY & BUENA VISTA AVE Alameda. One and one-half-story 6-room dwelling.
Owner.....O. Ommundsen, Care 784 59th St., Oakland.
Architect...J. Johnson, 784 59th, Okd.
Contractor...J. Johnson, 784 59th, Okd.
COST, \$2800

(2577) NO. 1363 PARK, Alameda. Alter store front.
Owner.....A. O. Gott, Premises.
Architect...None.
Day's work. COST, \$500

(2578) NO. 1415 PARU, Alameda. One-story 6-room dwelling.
Owner.....Victor D. Rosen, 1210 Pacific Ave., Alameda.
Architect...None.
Contractor...G. H. Noble, 2220 Central Ave., Alameda.
COST, \$4000

(2557) NO. 1570 LINCOLN AVE., Alameda. Alterations.
Owner.....Al. Fulton, Premises.
Architect...None.
Contractor...L. D. Richards, 1614 Bay, Alameda.
COST, \$100

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Sept. 2, 1913—LOT 142 Oak Park Tet Okd. Edith M. Owen to Henry Ahnefeld.....Aug. 26, 1913
Sept. 2, 1913—ALMOND ST. near 92nd Ave. Okd. Joseph St. Mary to whom it may concern.....Sept. 2, 1913

Sept. 2, 1913—SIXTEENTH ST STA-Tion Reservation of S P Co. Okd. S P Co to R W Moller.....Aug. 20, 1913
Aug. 30, 1913—NW CCA PARK WAY and Monte Ave., N 50xW 125, Oak-land Tp. E. J. Greenhood to W. F. So-roederAug. 29, 1913
Aug. 30, 1913—S JULIA ST., 100 E California St., 34x135, Berkeley. F. Montano to F. R. Peake Co.....Aug. 29, 1913
Aug. 29, 1913—NE COR 11TH and Franklin Sts., E 100xN 37.5, Oak-land. Mrs. Barbara Streit (by Wm. Wilde) to Herbert D. McKibben.....Aug. 20, 1913

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE—Reinforced concrete. Cost not stated. Woods Creek, San Mateo Co., Cal. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans and specifications for the construction of a reinforced concrete road bridge over Woods Creek in the Fourth Road District have been completed and approved by the Board of Supervisors. Bids are now being called for and will be opened by the Supervisors on September 15th. Plans can be secured from the County Surveyor at Redwood City.

CULVERT AND END WALLS—Reinforced concrete. Cost not stated. Colma, San Mateo Co., Cal. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans for a reinforced concrete culvert with concrete end walls are complete and now out for figures. The culvert will be erected on the County Road from Colma to the ocean. Plans can be secured from the County Surveyor at Redwood City.

Building Contracts.

SANTA CLARA COUNTY.

E NINTH 2nd Lot S Martha, San Jose. Four-room cottage.
Owner.....C. Del Pante, 215 W-St James, San Jo e.
Architect...None.
Day's work. COST, \$1600

NO. 81 N-RIVER, San Jose. Sleeping porch and repairs
Owner.....J. L. Lawson, Premises.
Architect...None.
Day's work. COST, \$100

NO. 101 E-SAN FERNANDO, San Jose. Sleeping porch on rear of residence.
Owner.....Miss A. E. Howe, Prem.
Architect...None.
Contractor...J. C. Tharp, 750 S-8th, San Jose.
COST, \$100

S PARK AVE 2nd Lot E Spencer Ave., San Jose. Six-room cottage.
Owner.....J. D. Caely, Premises.
Architect...None.
Contractor...E. D. Wells, 115 N-17th, San Jose.
C ST, \$2000

NEAR COR. MORSE & THE ALAMEDA San Jose. All work for one-story frame residence.
Owner.....A. Bowden, San Jose.

Architect...Ye Plan Shop, Theatre Bldg., San Jose.
 Contractor...A. A. Church, San Jose.
 Filed Aug. 27, '13. Dated Aug. 26, '13.
 Frame up 25%
 Plaster on 25%
 When finished 25%
 Usual 35 days 25%
TOTAL COST, \$1965.80
 Bond, \$1000. Surety, A. Williams and Eugene Kuehlus. Limit, 60 days. Forfeit, none. Plans and specifications filed.

NO. 23 S-LINCOLN, San Jose. All work for five-room cottage.
 Owner...S. Gandrup, Santa Clara.
 Architect...L. Lenzen, San Jose.
 Contractor...T. Tivnan.
 Filed Aug. 27, '13. Dated Aug. 27, '13.
 Ready for roof \$570 37
 Brown plaster on 570 38
 When completed 570 39
 Usual 35 days 570 40
TOTAL COST, \$2281 00
 Bond, none. Limit, Nov. 10. Forfeit, none. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

PASSENGER STATION—1 story and base, brick and steel, \$50,000. Richmond, Contra Costa Co., Cal. Architect, Architectural Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Announcement has been made that this company will erect a new building at Richmond. The present combination freight and passenger station will be removed to a different location and used for a freight house. Additional trackage is being planned. Details of the building will be given later. Construction will probably be underway inside of a month or six weeks.

Contracts Awarded.

HOSPITAL—2 story and base, reinforced concrete, \$37,472. San Rafael, Marin Co., Cal. Architect, Thomas Connor, San Rafael. Owners, Marin County. Contractor, Peter Hamilton, San Anselmo. Contract price, \$37,472.

Building Contracts.

MARIN COUNTY.

PTN BLK 25 Coleman's Add'n, San Rafael. All work for two-story frame residence.
 Owner.....Margaret Foster.
 Architect...Ralph Warner Hart, Humboldt Bank Bldg., S. F.
 Contractor...J. A. Kappenmann, San Rafael.
 Filed Aug. 29, '13. Dated Aug. 28, '13.
 Enlosed \$1175
 Brown coated 1175
 Completed 1175
 Usual 35 days 1175
TOTAL COST, \$1700
 Bond, \$2350. Surety, U. S. Fidelity & Guaranty Co. Limit, 75 days from filing. Forfeit, \$10. Plans and specifications filed.

LOTS 1 AND 2 BLK NO. 2, Section No. 1 Sequola Park Trct, San Anselmo. All work except grading, gas fixtures and shades for one-story and basement frame residence.
 Owner.....Mrs. Winifred Gottlieb, San Francisco.

Designer...Hubert R. Hill, 45 Laurel Ave., Oakland.
 Contractor...Taylor & Co., S. F.
 Filed Aug. 15, '13. Dated Aug. 7, '13.
 Frame up \$613 75
 Brown coated 613 75
 Completed 613 75
 Usual 35 days 613 75
TOTAL COST, \$2575 00
 Bond, \$1288. Surety, The Title & Guaranty & Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

W OAK 20 S Elm 25x100, San Anselmo. All work for two-story brick stores and flat.
 Owner.....Mary Arata, San Anselmo.
 Architect...None.
 Contractor...S. Sawell.
 Filed Aug. 26, '13. Dated Aug. 18.
 2nd floor joists set \$ 937
 Roof on 938
 Brown coated 937
 Completed 938
 Usual 35 days 1250
TOTAL COST, \$5000
 Bond, \$2500. Sureties, R. Kinellar & R. Pearson. Limit, 65 days from recording. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
 Aug. 22, 1913—BOTHIN near Fairfax (Arequipa Sanatorium). Philip King Brown to Holden-Deunprey Co Aug. 1, 1913
 Aug. 23, 1913—BDED BY GRAND, Magnolia and Acacia Aves, San Rafael. The Dominican College to M V Brady Aug. 22, 1913
 Aug. 19, 1913—MAGNOLIA TRACT, San Anselmo. M Mayer and Gottfried E Fischer to G Sandberg Aug. 4, 1913
 Aug. 27, 1913—PTN LOT NO. 158 Amended Map No. 2 Bush Trct, San Anselmo. George W Duffield to Frank Flaherty Aug. 20, 1913
 Sept. 3, 1913—BDED BY GRAND, Magnolia and Acacia Aves, San Rafael. The Dominican College to California Elec Constr Co, Sept. 2; Hoffman & Meuser, Sept. 2; Wm F Wilson & Co. Sept. 2, 1913

Building Contracts.

CONTRA COSTA COUNTY.

COWELL, CONTRA COSTA COUNTY. All work for ten frame buildings.
 Owner.....Cowell Portland Cement Co., 9 Main, San Francisco.
 Architect...E. O. Quinn.
 Contractor...R. H. Ingraham, Martinez.
 Filed Aug. 26, '13. Dated Aug. 11, '13.
 Frame up \$2712.50
 Brown coated 2712.50
 When finished 2712.50
 Usual 35 days 2712.50
TOTAL COST, \$10,850.00
 Bond, \$5425. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 working days. Forfeit, \$5 per day. Plans and specifications filed.

DESCRIBED LOT IN TOWN OF MARTINEZ. All work for two-story dwlg.
 Owner.....Ralph H. Wight, Martinez

Contractor...Luke Bulger, Martinez.
 Filed Aug. 25, '13. Dated June 16, '13.
 Concrete work done \$1000
 Roof and windows done 1000
 All plastering done 1000
31 days after completion 1087
TOTAL COST, \$4087
 Bond, none. Limit, \$5 working days. Forfeit, \$5 per day. Plans and specifications filed.
 Architect...E. Symmes and J. J. Rankin, 1011 Campbell St., Oakland.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Aug. 26, 1913—LOTS 15, 16 BLK 67 on Map of Richmond Annex, Richmond Annex Land Co to Patrick-Nelson Bldg Co. July 14, 1913
 Aug. 27, 1913—LOT 14 and 8 1/2 of Lot 13 Blk 24, City of Richmond. C G Blake to Robert E White Aug. 26, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—1 story, frame, \$5,000. Reedley, Fresno Co., Cal. Architects, Starbuck & Clark, Forsyth Bldg., Fresno. Owners, First Mennonite Church of Reedley. The building will occupy the site of the present structure which will be moved back on the lot and used for Sunday school rooms. Main auditorium in the new building will have a seating capacity of 400 people. Interior finish will be of pine and redwood. Heating and ventilating systems will be installed. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures will be called for at once.

SCHOOL—1 story and base, frame. Cost not stated. Tehachapi, Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakerfield. Owners, Old Town School District. The building has been designed for a district school and will contain three class rooms. Interior finish will be of pine throughout. Maple floors will be used. A central heating system, probably hot air, will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and may be secured from the architect. Bids will be opened on September 20th. L. L. Stickle is Clerk of the Board.

SCHOOL—1 story and base, frame. Cost not stated. Lost Hills, Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakerfield. Owners, Duncan School District. The building will be designed for a district school. Interior finish will be of pine throughout. Maple floors will be used. A central heating system, probably hot air, will be installed. Exterior of the building will be covered with cement plaster on metal lath. Bids are now being taken and will be opened on September 15th. Plans can be secured from the architect. Charles E. Lowe, Lost Hills, is Clerk of the Board.

SCHOOL—1 story, frame. Cost not stated. Olig, Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakerfield. Owners, Olig School District. The building will contain two class rooms. Interior finish will be of pine

with some maple floors. A central heating system will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Bids will be opened on September 17th. Plans can be secured from the architect. C. M. Small is Clerk of the Board.

THEATRE ALTERATIONS—Brick construction, \$15,000. Fresno, Fresno Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahmken. The building on Mariposa street will be remodeled, the work including exterior facing of pressed brick, installation of patent store fronts and plate glass windows. New interior finish will also be installed. There will be steam heat, a modern system of ventilation and new plumbing and interior decoration. Plans are complete and figures are being taken by the owners.

Contracts Awarded.

BANK—3 story and base, brick and steel, \$25,000. Riverbank, Stanislaus Co., Cal. Architect, C. H. Russell. Humboldt Bank Bldg., S. F. Owners, First National Bank of Riverbank. Contractor, H. A. Hanson. Fresno. This contract calls for the plain and reinforced concrete work, brick work and carpentry work. Owners will furnish most of the materials.

LIBRARY—2 story and base, brick and concrete, \$20,000. Bakersfield, Kern Co., Cal. Architect, Orville Clark. Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractor, F. J. Amweg, 244 Kearny St., S. F. Contract price, \$20,000.

LIENS RELEASED.

FRESNO COUNTY.

RECORDED	AMOUNT
Aug. 30, 1913—LOTS 21, 22 BLK 1, Allen & Binford Tract, Fresno.	
Barrett-Hicks Co to O T McCoon.	\$57
Aug. 30, 1913—LOTS 23, 24 BLK 1, Allen & Binford Tract, Fresno.	
Barrett-Hicks Co to O T McCoon	\$101
Aug. 30, 1913—LOT 4 BLK 40, Fresno	
C Pell to Jessie Ruiz.	\$51
Aug. 30, 1913—LOTS 19, 20 BLK 2, Allen & Binford Tract, Fresno.	
Barrett-Hicks Co to O T McCoon	\$103

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOW—1 story and base, frame, \$3,900. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mr. Ros. The dwelling will be erected at the corner of Madison and Stockton streets, and has been designed for a five room house with bath and sleeping porch. Interior finish will be of pine with hardwood floors in the principal rooms and some elm panels. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have cement floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are nearly ready for figures.

RESIDENCE—2 story and base, frame, \$4,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell,

Odd Fellows Bldg., Stockton. Owner, Miss D. McInnes. The house will be erected on Madison street north of Willow and has been designed to contain seven rooms and bath. Interior finish will be of pine with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room and reception hall. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$2,300. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell. Odd Fellows Bldg., Stockton. Owner, Frank Tucker. The house will contain six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be a large open fire place with tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCES—1 and 2 story and base, frame. Cost not given. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 3523 Park avenue, Sacramento, 4, 2 story frame dwellings, \$11,200; C. Valine, 1215 D street, Sacramento, 2 story frame dwelling, \$3,000. and W. A. Fairfield, 3114 37th street, Sacramento, 1 story frame dwelling, \$1,500.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Eureka, Humboldt Co., Cal. Architects, Ackerman and Reese, Eureka. Owners, W. S. Clark and G. P. Georgeson. The building will be erected at the corner of 5th and J streets, covering a considerable area. Suites will contain from two to four rooms, all with private baths and wall beds. Interior finish will be of pine and hardwood. There will be a central heating system, probably steam heat, and a hot water plant. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic. Plans are now being prepared.

Contracts Awarded.

RESIDENCE—2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Joe Rieve. Contractors, Daniels and Green, West Park street Stockton. Contract price not stated. Note—Plans are just being prepared for this work.

RESIDENCE—1 story and base, frame, \$3,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Home Builders' Investment Co. Contractor, Pierce Morrell of the Home Builders' Investment Co., Stockton. Contract price, \$3,000.

Building Contracts.

SACRAMENTO COUNTY.

S 76 FEET LOT 60 West Curtis Oaks, excepting E 207 feet thereof, Sacramento. One-story and basement frame building.

Owner.....Indora Hildebrand.

Architect...None.

Contractor...T. A. McDougall.

Filed Aug. 28, '13. Dated Aug. 28, '13. COST, \$2275

W 1/2 OF LOT 7, D, E, 23RD AND 24th Sts., Sacramento. Erect dwlg
Owner.....Lillian May Hodson, 530 13th St., Sacramento.

Architect...None.

Contractor...Wright & Kimbrough, 817 J St., Sacramento.

COST, \$3800

LOT 1209 W. K. TCT 25, Sacramento. Erect dwelling.

Owner.....E. F. Mattison, 107 V St., Sacramento.

Architect...None.

Contractor...Wright & Kimbrough, 817 J St., Sacramento.

COST, \$3300

W 1/2 LOT 2, S. T, 13TH & 14TH STS., Sacramento. Erect dwelling.

Owner.....H. C. Rogers, 1730 14th St Sacramento.

Architect...None.

Contractor...Wright & Kimbrough, 817 J St., Sacramento.

COST, \$5300

E 1/2 OF S 1/2 LOT 8, S. T, 6TH & 7TH Sts., Sacramento. Erect dwelling.

Owner.....C. Valine, 1215 D St., Sacramento.

Architect...None.

Day's work. COST, \$3000

LOT 15 ALLEN & LEITCH TCT., Sacramento. Erect dwelling.

Owner.....W. A. Fairfield, 3114 37th St., Sacramento.

Architect...None.

Day's work. COST, \$1800

E 1/2 LOT 6, T, U, 10TH AND 11TH Sts., Sacramento. Carpenter work, etc, for one-story and basement frame residence.

Owner.....Mrs. J. C. Cunningham, 1017 V St., Sacramento.

Architect...None.

Contractor...J. E. Harris, 1114 P St., Sacramento.

File Aug. 27, '13. Dated Aug. 27, '13. COST, \$2800

LOT 11 BLK "C," Oak Park. Alter building.

Owner.....E. V. Haley, 2213 Ave., Sacramento.

Architect...None.

Day's work. COST, \$700

LOT 24 CURTIS & BOWLEY ADD'N., Sacramento. Erect dwelling.

Owner.....W. J. Gribbin, 3300 R St., Sacramento.

Architect...None.

Contractor...O. H. Moore, 2903 35th St., Sacramento.

COST, \$1500

E 1/2 LOT 7, G. H. 28TH AND 29TH Sts., Sacramento. Alter building.

Owner.....John J. Dunkhorst, 2815 H St., Sacramento.

Architect...None.

Contractor...W. T. Feagan, 3209 23rd St., Sacramento.

COST, \$2140

LOTS 7, 8, 9 AND 10 BLK 2 Boxler Tract, Sacramento. Erect 4 dwigs.

Owner, E. A. Piette, 4223 Park Ave., Sacramento
 Architect, None.
 Day's work, COS7, \$11,300

Building Contracts.

SAN JOAQUIN COUNTY.

SURVEY 2999 S HALF LOTS 9 AND 11 Bldg 3, Stockton. All work for two-story frame residence.

Owner, E. F. Goodrum, 336 E-Rose St., Stockton.
 Architect, Wm. Thomas, San Joaquin Bldg., Stockton.
 Contractor, Robert Powell.

Filed Aug. 11, '13. Dated Aug. 5, '13.
 Roof on \$802.25
 Plastering completed 802.25
 Building completed 802.25
 Usual 35 days 802.25
 TOTAL COST, \$3209.25
 Bond, none. Limit, 70 days after Aug. 11. Forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—4 story and base, brick and tile, \$50,000. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Imperial Apartment House Co. The building has been designed to contain 100 rooms which will be arranged in two and three room suites and will be erected on Maryland street near Pico on a lot 50x132 feet. Interior finish will be of pine and hardwood. Marble and tile will be used in the vestibule. All suites will have wall beds and private bath rooms. Plans provide for steam heat, freight and passenger elevators, a vacuum cleaning system and hot water plant. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans will be ready for figures by the end of this month.

APARTMENT HOUSE ADDITION—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Montgomery & Montgomery, Trust and Savings Bldg., L. A. Owner, Mrs. Katherine McCarty. The building will cover an area of 55x55 feet and will contain 45 rooms and 15 baths. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be steam heat and elevator service. A hot water system and vacuum cleaning plant will be installed. Bath room will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BANK ADDITION—6 story and base, reinforced concrete, \$100,000. Los Angeles, Cal. Architects, Parkinson & Berstrom, Security Bldg., L. A. Owners, Citizens Savings Bank of Los Angeles. This work has been mentioned here before when the architects were first commissioned to prepare the plans. The entire first floor will be removed for the bank and upper floors will each contain sixteen offices. Construction will be fireproof throughout. Exterior walls will be faced with pressed brick and terra cotta. Metal windows and frames will be used. There will be steam heat, elevator service and a vacuum cleaning sys-

tem. Plans are complete and figures will be called for at once.

RESIDENCE—2 story and base, brick and frame, \$20,000. Los Angeles, Cal. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, Miss Ada A. Dryden. The dwelling will be erected on Adams street and has been designed to contain twelve rooms and three baths. Interior finish will be of pine, mahogany and other hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. A vacuum cleaning system and hot water supply will be installed. Exterior of the dwelling will be covered with white enameled brick. Plans are being prepared.

RESIDENCE—2 story and base, brick and frame, \$25,000. Los Angeles, Cal. Architects, Eager & Eager, Story Bldg., L. A. Owner, J. G. Warren. The dwelling will cover an area of 62x90 feet, and has been designed to contain 14 rooms and several baths. Interior finish will be largely of hardwood and white enamel. Hardwood floors will be used in the principal rooms. Bath rooms will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and stone. A vacuum cleaning system and hot water supply will be installed. Exterior of the house will be covered with cream pressed brick trimmed with sand stone. Plans are being prepared and when complete the work will be done by Day Labor.

STORES AND OFFICES—4 story and base, brick and steel, \$75,000. Santa Ana, Orange Co., Cal. Architects, Metcalf and Davies, 28 American Ave., L. A. Owner, W. H. Spurgeon. Supt., F. Harmon, Santa Ana. The building will be erected at the corner of 14th and Spurgeon streets, covering an area of 150x128 feet. Entire first floor will be arranged for stores. Upper floors will contain over 100 modern offices. Interior finish will be of pine with marble and tile wainscot in the halls and corridors. Plans provide for steam heat, elevator service and a vacuum cleaning system. There will be patent store fronts, mail chute and metal window sash and frames. Marble and tile will be used in the store entrances. Exterior of the building will be faced with pressed brick. Plans are nearly complete and work will be done by Day Labor.

THEATRE—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, E. H. McGibbon & Co., Los Angeles Investment Bldg., L. A. Owner, H. S. Gardner. The building will be erected on Third street near Hope and will contain besides the picture theatre, three large stores. Construction will be fireproof. There will be a cement floor, plate glass windows and patent store fronts. Interior finish will be of pine and hardwood. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Considerable ornamental plaster work will be used in the theatre. Plans are complete and figures will be called for at once.

SCHOOL—2 story and base, brick, \$45,000. Tu tin, Orange Co., Cal. Architect, Frederick H. Eley, Register Bldg., San Ana. Owners, Tustin School

District. The building has been designed for a grammar school and will contain eight standard sized class rooms, library and an auditorium seating 800 people. The building will cover an area of 90x72 feet. Manual training and domestic science rooms will be provided. Interior finish will be of pine throughout. A plenum system of heating and ventilating will be installed. Exterior of the building will be faced with pressed brick, trimmed with artificial stone. Working drawings are now being prepared.

Contracts Awarded.

LOFTS—4 story and base, brick, \$35,000. Los Angeles, Cal. Architects, Needham & Cline, Wright and Callender Bldg., L. A. Owners, Gardner and Decker, Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$35,000.

HOSPITAL—2 story and base, reinforced concrete, \$14,944. Santa Ana, Orange Co., Cal. Architect, Frederick H. Eley, Register Bldg., Santa Ana. Owners, Orange County. Contractor, Chris McNeil, Santa Ana, general construction only. Contract price, \$14,944.

HOTEL—4 story and base, brick and steel, \$43,690. Los Angeles, Cal. Architects, Neher & Skilling, Garland Bldg., L. A. Owner, W. H. Wagner, Contractors, Alta Planing Mill Co., 330 McGarry St., L. A. Contract price, \$43,690.

MANUAL TRAINING BUILDING—1 story and base, reinforced concrete. Cost not stated. San Fernando, Los Angeles Co., Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, San Fernando Union High School District. The building will cover an area of 40x120 feet and will contain the most modern equipment. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Working drawings are complete and figures are now being taken.

BRIDGES—2 steel and concrete. Cost not stated. San Carlos Indian Reservation, Ariz. Engineer, Department of Indian Affairs, Washington, D. C. Owners, United States Government. Bids are now being called for on the construction of two steel span bridges which are to be erected over the Gila and San Carlos Rivers on the Indian Reservation. Plans can be secured from the United States Indian Office in San Francisco or direct from the department at Washington. Full particulars as to freight charges, etc., can be had upon application to the Supt. of the School. Bids will be opened in Washington, D. C. on September 22nd. An official proposal appears in this issue.

PORTLAND AND OREGON.

MAUSOLEUM—1 story and dome, steel and granite, \$25,000. Portland, Ore. Architect, Edward T. Foukes, Crocker Bldg., S. P. Owner, Edward Holman. The building has been designed in the classic style with a steel frame and exterior walls faced with California granite. Dome will be covered with copper. Interior will be finished in metal and stone. Marble will also be used extensively. Plans are complete and ready for figures.

WAREHOUSE—2 story and base, brick. Cost not stated. Salem, Ore. Architect, Fred L. Legg, Ainsworth Bldg., Portland. Owner, R. P. Boise. The building will be erected near the railroad tracks and will cover an area of 82½ by 85 feet. Construction will be extra heavy. Interior finish will be of pine throughout. Metal window sash and frames will be used. There will be fireproof doors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SEATTLE AND WASHINGTON.

ARMORY—1 and 2 story and base, Class A construction, \$200,000. Vancouver, B. C. Architects, Ferry and Fowler, Pacific Bldg., Vancouver. Owners, Province of British Columbia. The building is to be erected on Grandview avenue covering an area of over 200 feet square. Construction will be fireproof with a complete steel frame and exterior walls of brick faced with pressed brick and terra cotta. Funds for the construction are not yet available. Further mention will be made of this work when figures are called.

THEATRE—1 story and base, brick and reinforced concrete. Cost not stated. Seattle, Wash. Architect, W. A. Pentecost, Seattle. Owner, F. N. Hallet. The building will be erected on the east side of 4th avenue between Pike and Union streets, and has been designed for a modern picture house. Construction will be fireproof. There will be a cement floor, metal window sash and frames. A system of ventilation will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for by the end of this month.

APARTMENT HOUSE—12 story and base. Class A construction, \$600,000. Seattle, Wash. Architect, G. J. Nichols, 1932 2nd avenue, Seattle. Owner, E. G. McKelvey, Washington Apts., Seattle. A site in the down town district has been secured, but the owner will not announce the exact location for some time. The building will cover an area of 120x210 feet and will contain in the neighborhood of 300 rooms. Apartments will be arranged in suites of from two to six rooms. Construction will be fireproof throughout with steel frame, concrete walls, floors and roof. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for steam heat, elevators, vacuum cleaning system, electric generating system and cold storage plant. Interior will be finished in pine and hardwoods with special finish in the larger suites to meet the taste of the tenants. Exterior of the building will probably be faced with cement plaster. Further mention will be of the work as the plans progress.

WAREHOUSE—7 story and base, reinforced concrete, \$125,000. Seattle, Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, A. Hambach & Co. The building will be erected at the corner of First avenue and King street and will cover a large ground area. Construction will be fireproof throughout with reinforced concrete walls, floors and roof. Interior partitions will be of hollow tile and metal lath and plaster. Fireproof doors, metal window sash and frames

are specified. There will be elevator service, steam heat and parcel chutes. First floor will be arranged for the general offices of the company and will be handsomely finished in pine and hardwoods. Exterior of the building will be faced with cement plaster. Bids are now being taken for the general construction. Figures on the plumbing, heating and electric work will be taken later.

COLD STORAGE WAREHOUSE—2 story and base, reinforced concrete, \$1,000,000. Seattle, Wash. Architect, Paul P. Whitman, Central Bldg., Seattle. Owners, Port of Seattle Commission. This project is a part of the Seattle Port Commission's plan for the East Water Terminal. The building will be constructed in two units, each of which will cost about \$500,000. Plans for the first unit are now under way. When complete the building will have a capacity of 2,000 carloads. Only preliminary sketches have been prepared. Further details will be given as plans progress.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$25,450. Long Beach, Los Angeles Co., Cal. Architects, Metcalf & Davis, 28 American Ave., L. A. Owner, Edward T. Hatfield. Contractor, T. H. Forrest, 2161 Olive street, L. A. Contract price, \$35,450.

HOTEL—3 story and base, brick. Building will also be altered and new. This building will be erected at the corner of Second and Broadway and will be arranged for stores on the first floor and hotel rooms above. Interior windows in patent store fronts. Marble and tile will be used. Plans are complete and figures are being taken.

SOLANO TO BUILD HOSPITAL.

FAIRFIELD (Solano Co.), September 5.—The Supervisors at their meeting Wednesday appointed a Special Committee consisting of Supervisors J. E. Glendon and J. B. Hoyt and S. R. Barnett, Foreman of the Grand Jury, to look into the proposition selecting a new site for the County Hospital, the present location being undesirable in some respects.

For some time the Supervisors have had under consideration the erection of new buildings for the hospital, and the proposition will probably be carried out as soon as funds shall become available. If the present land owned by the county and used for hospital purposes can be disposed of to advantage, another site more suitable will be purchased.

STATE BUYS HARBOR BONDS.

SACRAMENTO, September 2.—The State of California saved itself \$150,000 in commissions today when it bought at par and accrued interest \$1,500,000 in San Francisco harbor improvement bonds of State Treasurer Roberts.

The purchase was made by the State Board of Control from a \$2,000,000 fund, recently set aside as "available surplus" in the State's general fund under authority of an act passed by the last Legislature. Today's purchase brings the total amount this State has now invested in the four per cent harbor securities to \$2,050,000.

MINOR JOBS ABOUT TOWN

18 Williams; alter dwelling; owner, H. Hencken, 2320 Mission; contractor, Geo. Meyer, 141 De Long; cost, \$125.

645 Broadway; repair floor; owner, Union Trust Co., contractor, Siss & Son, 618 California; cost, \$190.

434 3th Ave.; add one room; owner, C. Zalarides, Premises; cost, \$200.

262 12th Ave.; minor repairs to dwlg.; owner, A. C. Schmidt, Premises; cost, \$155.

104 Frederick; add two rooms; owner, N. Silva, 426 Belvedere, contractor, H. C. Hahn, 79 Beaver; cost, \$150.

8 Polom 66 E First; erect foundation; owner, Fred W. Wilbert, 443 Polson; cost, \$200.

E Gough 31 N Filbert; one-story frame garage; owner, J. Paquette, 785 Market; cost, \$175.

E Charter Oak 330 S Silver Ave.; erect shed; owner, D. Del Carlo, Premises; cost, \$150.

1339 8th Ave.; add 9 feet to dwlg.; owner, Mrs. Jewell, Premises; cost, \$25.

17 Macondry; construct two brick fireplaces; owner, G. Cademus o, Premises; cost, \$100.

W Jennings 25 N Meade; one-story and basement frame dwelling; owner, Henry Arnold, 315 Potrero Ave (rear); cost, \$100.

141 Columbia; alter store; owner, Paganini Bros.; contractor, California Carpenter Shop, 1219½ Grant Ave.; cost, \$120.

2316 Mission; install door; owner, R. Rosenbaum, Premises; contractor, J. M. Graner, 1656 O'Farrell; cost, \$115.

E Manchester 150 S Bessie; repair stable; owner, J. Congil, 53 Manchester; contractor, P. Ballastani, 3222 Harrison; cost, \$200.

NE Church and 27th; add two rooms; owner, A. W. Condgar, 288 27th; cost, \$150.

545 Washington; electric sign; owner, P. Zucconi & Co., Premises; contractor, Moise Klinkner Co., 1212 Market; cost, \$100.

411 Battery; install door and add stairs; owner, M. M. Johnson, Premises; contractor, S. A. Gutti, 732 Montgomery; cost, \$150.

1107 Market; alter front; owner, Odd Fellows' Hall Association; architect, J. H. Lowry, 1107 Market; cost, \$200.

183 Delmar; alter front; owner, Emil Pholl, Premises; contractor, Chas. Jacobsen, 40 Gavan; cost, \$160.

767-69 Capp; repair fire damage; owner, H. Von Cleno, 743 Capp; contractor, A. Harris, 765 Capp; cost, \$200.

729 Bush; erect marquis; owner, A. Krome, Premises; contractor, Appaman Cornice Works, 128 Valencia; cost, \$250.

250 Montana; add one room; owner, H. Lorentzen, Premises; contractor, R. Sanchez, 610 Capp; cost, \$220.

1505 Haight; general repairs to store owner, Stinger Bros., Premises; contractor, J. W. Marsden, 1452 Haight; cost, \$295.

SW Polk and Sacramento; cut 9 feet of wall and install stand; owner, Wm. E. Coe, MacDonald Bldg.; contractor, Lomb Lee, SW Bush and Polk; cost, \$200.

1171 Goetten; repair dwelling; owner, A. N. Enderlin, Premises; cost, \$115.

268-70 Brannan; add cornice and install three windows; owner, Martin



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Person, Premises, contractor, J. Valentin, 819 Greenwich; cost, \$100.

903 Cortland Ave.; remodel front; owner, Arthur Prieur, Premises; cost, \$125.

S. Ingerson 25 E. Glroy; one-story and basement frame dwelling; owner, Louis Ballisti, 251 Arleta; contractor, W. Daly; cost, \$100.

E. Carolina 125 S. 25rd; one-story and basement frame store; owner, A. S. Jansky, 1125 Carolina; cost, \$100.

SE 4th and Howard; tile floor in office; owner, A. N. Farrell, 2415 Octavia; contractor, Lowry & Daly; cost, \$165.

W. Charter Oak, bet Augusta and A-aver Ave.; two-story frame stable; owner, F. Fried, 216 Charter Oak; contractor, S. Klein, Oakland; cost, \$105.

2120 Mission; alter front; owner, S. Kutz, 1200 Dolores; cost, \$200.

HALF MILLION FOR HIGHWAY.

SAN LUIS OBISPO, Sept. 5.—Action taken Wednesday by the Board of Supervisors of San Luis Obispo County makes a half million dollars immediately available for work on state highways within the county. Bonds of this amount are to be issued for state work in the county by the state highway commission. The county will invest \$100,000 in the bonds. San Luis Obispo banks will take \$50,000 and E. G. Lewis, a San Luis Obispo capitalist, has subscribed \$100,000. The other half of the issue, \$250,000, will be taken up by the state highway commission in accordance with an agreement between the state commission and the board of supervisors.

Work has already been begun on the first state highway contract in the county in a district north of San Luis Obispo.

BET FOR CANAL.

The first payment of \$250,000 to Panama for the annual rental of the canal zone was made on July 25th. The payments are in addition to \$10,000,000 paid in 1912 to Panama nine years ago.

This installment was actually due last February, though it was deferred until now for determination whether it could go to Panama or the parent state, Colombia.

At the request of the Panamanian Minister, Senor Morales the money was paid over to a representative of William Nelson Cromwell of New York, financial agent for the Panama Government.

POTASH INVESTIGATIONS.

U. S. Geological Survey Publishes Report with the Analyses of Certain Potash and Other Saline Deposits in California and Nevada.

Those who are interested in the search for deposits of potash salts in the West will send to the United States Geological Survey for a copy of advance chapter N from Bulletin 510, entitled "Papers on Potash and Other Salines," by Hoyt S. Gale. This report consists of a series of notes on what are known as the Quaternary (pre-historic) lakes of the Great Basin, with special reference to the disposition of those salines.

The existence of extensive lakes in certain of the larger catchment areas of the Great Basin region undoubtedly had an important influence on the concentration there of saline material. From a study of the physiographic history of the region it appears that some of these catchment basins may now be considered as more favorable and some as less favorable places in which to look for large concentrated saline deposits, especially with reference to the possible occurrence of valuable potash salts. Mr. Gale's report suggests a distinction that may be drawn between the desert-basin areas, from which some conclusions of practical importance with reference to saline deposits may be deduced.

The report includes discussions and analyses of the brines of Death Valley; of the salts, borax, and potash in Saline Valley, Inyo County, California; potash tests from wells in Columbus Marsh, Nevada, and discussions and analyses from deposits of sodium sulphate in Soda Lake, in the Carrizo Plains, San Luis Obispo County, California.

A copy of Mr. Gale's report may be obtained free of charge upon application to the Director of the U. S. Geological Survey, Washington, D. C.

EXTRA DIVIDEND ON GOLDFIELD STOCK.

RENO (Nev.), September 5.—The directors of the Goldfield Consolidated Mining Company of Goldfield met in the office of President George Wingfield in this city Tuesday night and declared a dividend of 40 cents per share, amounting to \$1,410,000 on the outstanding stock. The dividend consists of the regular dividend of 30 cents per quarter and an extra dividend of 10 cents. The company has paid out in dividends since its organization about \$23,000,000.

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RICE MILL FOR BIGGS.

BIGGS (Butte Co.), September 3.—At a spirited meeting of the Biggs Chamber of Commerce Monday night the proposition of Charles E. Hale, of the Charles E. Hale Company, San Francisco, importer and exporters, for the establishment of a \$40,000 rice mill in this city within sixty days, was accepted.

J. F. Garrette of Woodland, presented a counter proposition but lost after a hard fight.

Hale has secured an option for the lease of the old cannery building from W. M. Doty. Under his proposition the company is to furnish all the money, install \$40,000 worth of machinery and have a plant with a capacity of from 1,200 to 1,500 sacks of rice daily in operation within sixty days, in time to handle this season's crop.

The mill is to pay the market price for rice, or will mill it for \$5 per ton, the company to retain the refuse, or will mill it for \$10 per ton, the grower to retain the refuse. If the growers desire the company will sell them 45 per cent of the stock, or will sell none at all. It is estimated that \$50,000 will be required to handle this season's crop.

It is also specified that the city is to construct water mains to the cannery building.

BUILDINGS ERECTED SINCE THE FIRE.

Private building operations since May, 1906, to August 31st, 1913, as reported by the Bureau of Building Inspection of the Board of Public Works, show a total of 46,523 building permits issued amounting to \$28,682,778. Complete report as follows:

	No. of	
Class	Bldgs.	Amount.
"A"	159	\$31,025,604
"B"	190	14,079,191
"C"	2574	76,666,639
Frames	23459	90,143,246
Alterations	20141	16,768,098
Total	46523	\$28,682,778

ERECTING NEW BRIDGE.

ST. LOUIS (Sierra Co.), September 4.—The construction of the Sierra-Pumas Counties bridge across Slate Creek is well under way. It is a concrete structure, replacing the steel bridge built nine years ago. J. McVitters, of Sacramento, is Foreman and has a crew of nine men employed.

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San Francisco Branch

Mills Building

BUSINESS AND SAN FRANCISCO PAUL.

A dispatch from Berlin says that Dr. Wittenberg, chairman of the Association of German Textile Wholesale Dealers, advises manufacturers to exhibit goods at the San Francisco exposition, that he is urging that the absence of British competition is Germany's opportunity. Of course, when business objections alone are the sole reasons given for the refusal to exhibit it is just such competition as is here suggested that could bring about a change in the plans of Germany and Great Britain. If governments cannot be convinced by the larger aspects of the great world event that is to bring the oceans together and change the course of transportation then the force of this business logic may finally be effective.

In any event it should serve to fix our own attention upon the attractions that the Pacific Coast offers to exhibitors. The population of California and of Oregon increased by more than 60 per cent during the last decade and the population of Washington more than doubled. All three states, and their neighbors as well, are profiting now by steady streams of immigration that pour in from all parts of the world. European nations are largely represented in the population, and the more they are inclined to break home ties by keeping away from the fair the better the opportunity for American business men to form new ties with those people from foreign parts. Non-participation is a short-sighted policy, whether it is domestic or foreign.—Chicago Record Herald.

AMERICAN ENGINEERING IN THE PHILIPPINES.

The work done by British engineers in far-off colonies has given them a well-deserved fame, but few in the United States, whether engineers or laymen, understand that works that can rank with the best in the British Colonial engineering history have been performed by American engineers in the Philippines. Under an efficient organization there have been constructed highways, bridges, public buildings, water supply system, and irrigation works—all according to high standards. In one respect the highway laws may well be taken as a model even here in the United States, for maintenance is placed above every other consideration. Maintenance of completed roads takes precedence over every other expenditure. For bridge and building work concrete has been adopted as the principal material, so that permanence and low maintenance costs are assured. All in all the record is one of which the American people and the Bureau of Public Works, under its efficient director, Warwick Greene, may well be proud.—Engineering Record.

ASBESTOS AND CRYOLITE.

REDDING (Shasta Co.), September 5.—The chrome and asbestos deposits of Shasta are attracting much attention from the Government, and Prof. or J. V. Diller, of the United States Geological Survey, recently made a thorough examination of proven deposits in various parts of the county. The demand for asbes-

tos of commercial grade is constantly growing and the Shasta deposits are stated to be of excellent quality. Chrome is largely used in the manufacture of high grade steel, and deposits of the mineral have been known in this county for many years. The Noel Electric Steel Company has considered the making of chrome steel at its Heroult plant, and Eastern iron manufacturers are evincing growing interest in the local deposits.

FOREIGN CONSTRUCTION WORK.

Construction of Bridge.

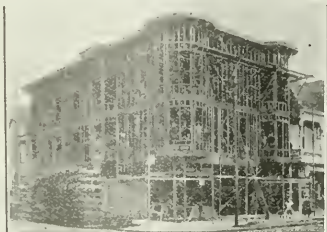
The Honduras National Railway has accepted the \$27,028 bid of an American bridge company for the two spans (110 and 100 feet, respectively) across the Uru River at Pimienta, delivery of a steamer at New York not later than December. The contract for erecting the Uru River bridge has been let to an American contractor of Guatemala City, for \$15,500, with additional pay for extras.

Contract will be awarded by a firm in New York, for a traveler to erect the Uru River bridge with steel, iron, cement, bolts, spikes and any other necessary steel. Contract will also be awarded by the same firm for transporting the bridge and other material to Puerto Cortes, Honduras. Contract for the heavy timbers for the Uru River bridge will be let through either a New Orleans firm or a Mobile firm.

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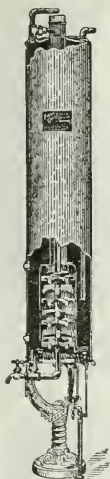
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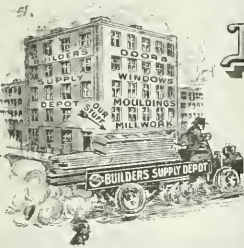
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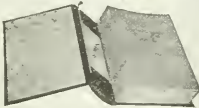
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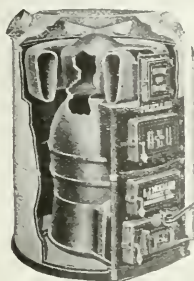
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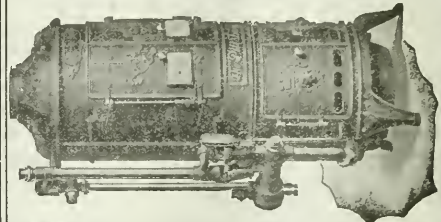
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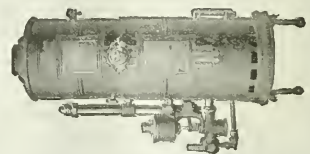
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Hughes, H. J.
Hurnell Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet
Metal Works
Morrison & Co.
Olive & Leary
United Metal
Products Co.
Western Furnace
& Cornice Co.
S. F. Metal Stamp
& Corr. Co.

Crate Oil Burners
Hill, Jacobsen
Sherman, Kimball
& Co.

Floors, Composition.

Artolith Mfg. Co.
Bender R.&P. Co.
C. W.
Dwan Co. J. E.
Firestone &
Roofing Co.
Flaherty R. & P.
Co. R. H.
Goodmansons, A. K.
Malott, Peterson
& Adams.
Watsonite Co.

Floors, Hardwood

Calif Parquet F. Co.
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sanding
Co.
Galvanized Iron.
Baker & Hamilton.
Berkner Mfg. Co.

Gas Fixture.

American Gas &
Elec. Fixture Co.
Cal. Gas & Electric
Co.
Day Co., Thomas
Gas Heating Systems.

Glass & Glazing.

American Plate and Window
Glass Co.
Cal. Plate & Window
Glass Co.
Cohen, I.
Fuller Co., W. P.
Grosslicht & Dine-
niene
Habenicht &
Howlett
Mission Plate &
Window Glass
Co.
Pioneer Plate &
Window Glass
Co.
Schwarz & Gottlieb
United Glass
Works (Inc.).

Grading.

Branick, J. P.
Button, E. V.
Caccaretto, John
Devincenti & Co., L.
Fullon Teaming
Co.
Gallen & Carlin
Hartnett J. D.
Holland, J. P.
Lennon Co., J. E.
Leffler, Fred
Luggen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip
Powers, Chas. J.
Rabman & Woods
Schmidt, A.
Sibley Grading &
Teaming Co.
Star Con. Co.
Wright Co., I. H.

Granite Curbing.

Graham Granite
Co.
Lead Granite Co.
Pac. Granite Co.
Pleaser Granite Co.
Gravel.
Ray Devel. Co.
Cal. Building Ma-
terial Co.
Standard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Hardwood Den-
tlers.

Inland Floor Co.

Hardwood Interior
Floor Co.
Wood Lumber Co.,
E. K.
Hd'ware, Bldrs.
Baker & Hamilton.
Brittain & Co.

Joost Bros.

Marshall - Newell
Supply Co.
Meyer & Adolph
Norman & Sons,
P. G.

Palace Hd'ware Co.

S. H. Hd'ware Co.
Smith Co., P. A.

Hay & Grain

Agellinger, E.
Heating & Ventil-
ating.

Ahlbach & Mayer

Atlas Heating &
Ventilating Co.
General Eng. Co.
Kierman & O'Brien
Lawson, Herman
Looney Co., J. E.
Mangrum & Otter
Sprock & Co.,
Fred W.

Turner Co., The

Houses Movers &
Haulers.

Hatch, H. L.

Pearson, N. H.
Strauss, C. C.
Sullivan, D. J. & T.

Inland Floors.

Cal. Parquet
Floor Co.
Hardwood Interior
Floor Co.
Inland Floor Co.
Pac. Floor Sanding
Co.

Iron Foundry.

Enterprise Foundry
Co.
Steiger & Kerr,
Stove & Foundry
Co.

Iron & Steel.

Baker & Hamilton.
Dawson & Noyes
Judson Mfg. Co.
Woods & Hudhart
Iron Works.

Art Metal Works

Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.

Folsom St. Iron

Works.
Glass & Kloeres
Golden Gate Iron
Works.

Hillard Co., C. J.

Michel & Pfeffer
Monroe Iron
Works.

North Star Iron

Works.
Raisner Iron
Works.

S. F. Iron Works

Sartorius Co.
Schraeder's Iron
Works.

Security Iron Wks.

Steiger & Kerr
Stove & Foundry
Co.

Vulcan Iron Wks.

West Coast Wire
& Iron Works.
Western Iron
Works.

Zenith Iron Wks.

Joint Hangers &
Post Chaps.

Kortick - Falls

Mfg. Co.
Lilley & Thurston
Co.

Roman Co., C. &

Waterhouse.
Price Co.
Western Bldrs.
Supply Co.

Lathers, Waud &

Metal.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.
Raymond, Wm. H.
Vard, J. P.

Time & Plaster

Deniers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell Lime &

Cement Co.
Guerlin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.

Quality Lime products

Co.
Western Lime &
Cement Co.

Lumber Dealers.

Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.

Doer Co., Frank P.

Hardwood Lum-
ber Co.
Hauptman Lum-
ber Co.

Kruske Co., J. H.

Loop Lumber Co.
MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.

Olson Mahony

Lumber Co.
Pope & Talbot
Reinhart Mill &
Lumber Co.

Ryan, George

Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.

S. F. Lumber Co.

Schouten & Co., J.
W.
Vans Arsdale-Har-
rison Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.

Yates, Wm. F.

Magnesian Floor-
ing.

Artolith Mfg. Co.

Bender R.&P. Co.
Dwan & Co., J. E.
Firestone &
Roofing Co.

Flaherty R.&P. Co.

R. H.
Goodmansons, A. K.
Malott & Peter-
son
Tiernan & Bero-
no
Watsonite Co.

Mantels, Tiles &

Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
nu
Mangrum & Otter
Peerless Agencies
Co.

Thomas, J. W.

Watson, Mantel &
Tile Co.
Marble and Mosaic
Work.

Gneco, M. H.

Grass & Co., P.
Mission Concrete
& Mosaic Wks.
Mission Marble
Works.

Musto Sons-Keen-

New Era Marble
& Concrete Co.
Vermont Marble
Co.

Metal Lath.

Atlantic Fire-
proofing Co.
Berkner Mfg. Co.
Lilley & Thurston
Co.

Rolling Constr.

Co.
Waterhouse &
Price
Western Builders'
Supply Co.

Metal Stamping

S. F. Metal Stamp-
ing & Corr. Co.
Otter and Grapes,
Standard Oil Co.
Ornamental Plas-
tering.

Rinner, Theodore

Larson, O. F.
Lipp & Co., J. P.
Painters and De-
corators.

Baker Co., W. T.

Bernstein, Wm.
Blum Louis
Burns Bros.
Clark, T. H.
Cooksey At
Cramer Bros.

Dahl, T. H.

Donovan, V. J.
Erickson, Wm.
Flynn & Mikkel-
sen.
Hansen, Elbing A.
Jourdahl, Al.
Lewis, S.
Miller, L. A.
Miller, J. A.
McBubbin, James
Manning, John
Neal, J. C.
Quandt & Son
Ruderman, I.
Schafer, Wm.
Smith, J. S.
Sovick, C. B.
Storheim &
Schroeder
Spark & Sons.
John H.
Swanson, Peter
The Globe Paint-
ers.

Wagner, Mayer

Wagner, Fred
Wagner Bros.
Zelinsky, R.

Palms, Oils Var-

ishes, Etc.
Clark & Dickson
Cohn & Co., Mar-
ion D.
Detroit Graphite
Co.
Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
Pratt & Lambert
Whittier - Coburn
Co.

Patent Chimneys.

Clawson Co., L. E.
Hudson, J. C.
Hughes, H. J.
Dunlevy & Gettli-
ng.

Planing Mills.

Anderson Bros.
Birth Co., L. H.
Builders' Supply
Depot
Cal. Door Co.
Cal. Planing Mill.
Enterprise Planing
Mill
Hermann, A.
Herring's Mill
Holden - Deuprey
Mill
Lorden Mill Co.,
J. P.
Main St. Planing
Mill
Pac. Coast Mill &
Lumber Co.
Premus Planing
Co.
Reinhart Lumber
& Planing Mill
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Taylor & Co.
Usona Mfg. Co.
Western Planing
Mill
Veyhle & Collins
Yates, Wm. F.

Plasterers

Bosch, Hermann
Bradley & O'Reilly
Brennan, James
Burt, Chas. J.
Campbell, Chas.
Cashman, M. J.
Chalmers, H. A.
(Inc.)
Glosser, G. W.
Glosser & Kaiser
Cline, T. J.
Fay, John
Greenback, Joe
Henderson, J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry
Gilmour, W. G.
Jacobson, N.
Knowles, A.
Lead & Kaiser
MacGruber & Co.
Moxat Donald
Orford, J. A.
Hill, J. I.
Sexton, T. J.
Terranova, M. J.
The Pacific Plas-

tering Co.

Wagner, James A.
Plumbing and Gas
Fitting.

Ahlbach & Mayer

Aiton, Thom. W.
Bosch Bros.
Bernard, Geo. F.
Condon & Band
Connor, J. J.
Empire Plumbing
Co.
Goss, Wm. P.
Grundy, Edward
Houston, J. J.
Kara, F. E.
Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
May, Gus
McEnhill.
McLeod, J. J.
Penkerton, J. H.
Perazzi, H. J.
Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Tippett, J. C.
Turner Co., The
Wetzel, Theo.
Plumbers Supplies
Mark-Lally Co.
Nelson Mfg. Co.
Hull & Agent,
Freight & Pas-
senger.
Kent, James B.

Halfway Materials

Langford, Felts &
Myers.
Orenstein - Ar-
thur Estate.
Ludwig, J. C.

Rigging.

Lamburth, C. E.
Markley, James E.

Roofing, Gravel &

Composition.)
Andrew Roofing Co.,
B. F.
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Canby & Co., J.
Enterprise Roof-
ing Co.
Firestone &
Roofing Co.
Flaherty R. H.
Goodmansons, A. K.
Larkin Asphalt
& Adams
Lawson Roofing
Co.
Lovett Bros.
Malott, Peterson
& Adams
Parry & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thibbets Roofing
Co.
Western Asbestos
Magnesia Co.
Western Refr. and
Refining Co.

Roofing (Shale &

Tile.)
Graham, R. G.
White, Ed. A.
Roofing Materials
Johns - Manville
Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.

Ray Develop. Co.
Cal. Building Ma-
terial Co.
Material Co.
Lead & Kaiser
McMullin Bros.
Stone Co., E. B. &
A. L.
Western Building
Material Co.
Western Develop-
ment Syndicate.

Sanitary Garbage

Chases.
Bill & Jacobson.

Sand Hauling.

McDermott, W.

Sheet Metal Wks.

Appman Cornice
Works
Atlas Heating &
Ventilating Wks.
Barth Cornice
Works
Capitol Sheet
Metal Works
Comyns & Nygren
Crown Cornice
Works
Forderer Cornice
Works
G. & M. Sheet
Metal Works.
Gulffoy Cornice
Hibernia Sheet
Metal Works
Helper Sheet
Metal Works
Hughes H. J.
Hurabelle Bros.
Ideal Cornice Wks.
Korell & Co., J. A.
Modern Sheet Met-
al Works.
Morse & Co., S. F.
Metal Stamp-
ing & Corr. Co.
United Metal
Products Co.
Western Furnace
& Cornice Co.

Sidewalk Lights.

Berger Mfg. Co.
Dwan & Co., J. E.
McGuigan & Co.,
John
Phoenix Sidewalk
Light Co.
Waterhouse &
Price

State Builders.

Bishop & Perrino
Bolier, John
Jacobson, J.
Johnson, C. Wm.
Long, E. W.
Porter, W. F.
Stewart, J. K.

Stationery.

Foster, Shurt
Wright, J. H.

Steel Bars.

Baker & Hamil-
ton
Dawson & Noyes
Woods & Hud-
art

Steel Erector.

Williams Con-
struction Co.

Stenography and

Typewriting.
Waterson, Elliott

Store Fronts

Kawner Mfg. Co.
Waterhouse &
Price
Western Builders'
Supply Co.

Structural Steel

Contractors.
Judson Mfg. Co.
Schraeder's Iron
Works.
Western Iron Sup-
ply Co.
Woods & Hudart
Steel Contractor.
Condon & El-
liott

Stoves.

Mangrum & Otter
Steiger & Kerr

Structural Steel

Contractors.
Brode Iron Wks.
Dyer Bros.
Holland, J. P.
Gates Gate Iron
Works
San Francisco
Iron Works
Western Iron Wks.
Schauber, Fred C.
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.

Morser, E. V.
Sanborn & Corin-
son

**Teaming & Grad-
ing.**

Branick, J. P.
Button, L. V.
Devenenzi & Co.,
Inc.
Dillon Teaming
Co.
Gallen & Carlin
Hartnett, J. D.
Holland, J. D.
Lennon Co. J. E.
Lettler, Fred

Luggen, Ernest
McGlinchey &
Monohan
Montague Co. P.
O'Day Co. D.
Powers, Chas. J.
Sibley Teaming &
Grading Co.
Schmitt, A.
Star Contracting
Co.
Wright Co. J. H.

Tilling.

Ginsberg Bros.
Ginsberg & Co. S.
Hulse Tile Co. S.
Kirwan & Don-
van
Mangrum & Otte

Peerless Agencies.

Thou...
W...
Vacuum...
Bill & Jacob...
Sherman, Kimball
Co.
Wall Heds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works.

Whitewashing.

Brickley, P. J.
Reigle & Jameison
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning
Windows, Patent.
Birth Co. L. H.
Simplex Window
Co.

Peacock, John
Van Sant-Houghton
Co.
Glass and Glazing
Cal. Plate & Win-
dow Glass Co.
Cohen, L. N.
Cobbedick, Glass
Co. L. N.
Fager, W. P. &
Co.
Habenicht & Jewett
Hilgard, J. P.
Sawatz & Gott-
lieb (Inc.)
Grading & Team-
ing.
Cannon, D. O., Co.
Dillon, J.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Winkle Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLennegan, S. B.

S. F. Lime Co.
Raymond, W. H.
Curling, Granite.
McLennegan, S. B.
Door Openers.
Rischmuller, Geo.
Electric.
California Electric-
cal Works.
Central Electric
Co.
City Electric Co.
Ducker Electric Co.
Globe Elec. Co.
Hannbridge, W. S.
Levy Elec. Co.
National Electric
Elevators.
Otis Elevator Co.
Van Emon Eleva-
tor Co.
Fibre.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
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Vice-President, Richard Herring.
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Secretary, R. J. H. Forbes
Financial Secretary, S. A. D. Schenck
Asst. Secretary, W. J. Carberry
Doorkeeper, E. R. Wolcott

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Bay City Iron
Works
Brode Iron Works
Central Iron Wks.
Dyer Bros.
Eureka Iron Wks
Kortick & Falls
Mfg. Co.
G. G. Structural
Iron Works.
Hirard, C. J. Co.
Judson Mfg. Co.
Mortenson Cons.
Co.
Michaels & Pfefer-
fer
Phoenix Iron Wks.
Thoston Iron Wks
Schradr
St. Francis Orn.
Iron Works
Reiger & Kerr
St. Francis & Found-
ry Co.
Julian Iron Wks.
Western Iron Wks.
Wittington, C. W.
Art Glass.
Cal. Art Glass Co.
Ingerson & Glaser
Co.
Blacksmith.
Paul Kleiber
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American Bond-
ing Co.
Costello & Culler
Aetna Life Ins. Co.
Boole, F. W.
Empire State Sur-
ety Co.
Fidelity & Deposit
Co. of Maryland
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Lawton, A. F.
Lloyd & Spengler
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Co.
Pacific Coast Sisu-
ality Co.
Pacific Surety Co.
United States
Metal Products Co.
United States
Fidelity and
Guaranty Co.
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Bay Development
Co.
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Carnegie Brick &
Pottery Co.
Carnegie Brick &
Pottery Co.

McNair Brick Co.
E. B.
Peterson - Kart-
choke Brick Co.
Remillard Brk. Co.
Sacramento
Trans. Co.
San Fran. Brk. Co.
San Jose Brick Co.
Steiger, T. C. and
Pottery Wks.
G. G. Brick Co.
Oakland Paving
Brick Co.

Building Material.

California Build-
ing Material
City Supply Co.
Kortick & Falls
Mfg. Co.
Holland, J. P.
J. E. Lennon.
Johns-Manville Co.
Levy & Co. Robt.
Lilley & Thurston
Co.
Pacific Refining &
Roofing Co.
Parrott & Co.
Paraffine Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co.
Waterhouse &
Price Co.
Western Bldg.
Supply Co.
Western Building
Material Co.
Fernald Co. The

Building Paper

Bord & Moore
Lilley & Thurston
Co.

Cement Dealers

Balfour, Guthrie
Co.
Cowell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. F.
Leonard, J. J.
Maynard, Jr. J. L.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.

Concrete.

Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
relson Co.
Foster & Vogt.
Goodman, Artifi-
cial Stone Co.
Hann, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
Leonard, J. P.
Lynch, A.
Pasqualetti, J.
Stanquist & Tay-
lor
Stanquist & For-
bes
Zimmerman, L. M.
**Concrete Rein-
forcement.**
Lilley & Thurston
Co.

**Contractors &
Builders.**

Allen, Alex. M.
Anderson, W. W.
Arthur, L. W.
Bateman, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Burdick, Vm. A.
Caldwell & Co.
Cameron & Dis-
son
Cavanaugh & Ve-
zina.
Christolm, R. A.
Cobby, J. W.
Concannon, W. N.
Conrad, H.
Creggino & Son.
Lewis
Days' Sons, T. H.
Dewar, R. & Son.
Elam, Thos. & Son
Elliot, G. W.
Fahy, R.
Fischer, Fred.
Franz, Val.
Frost, T. P.
Gillespie, G. G.
Gallagher, Frank.
Gardiner, Florent.
Greig, Robt.
Hansbrough Bros.
Healey - Tibbits
Con Co.
Hinson, L. A.
Hill, J. A.
Holm & Son.
Howkins, A.
Hoxt Bros.
Ingerson, C. A.
Jacks, H.
Jones, W. G.

Kent, S. H.
Knowles & Reich-
ley.
Lang & Bergstrom
Lester, E. T. &
Sons.
Lynch, M. C.
Lynch, P. J.
Masow & Morrison
Mathews Con. Co.
Mathias, H. C.
McBain, J. J.
McKillican, R and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, B. T.
Penny, Isaac.
McLeran & Peter-
son.
Robertson, J. M.
Robinson & Gil-
lespie.
Savage, M. J.
Simen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn.
Terrell, G. C.
Walker Bros. Co.
Warwick, H. C.
Buller, Thos.
White Bros. (car-
penters).

Cornice Works.

Amsler, C. S.
Burger Mfg. Co.
Capitol Sheet Mt-
Works.
Comyns & Child-
ers
Conlin, J.
Cronan, Wm.
Forderer Cornice
Works.
Guilfoyle Cornice
Works.
Appman Cornice
Works.
Heldt, Wesley.
Morrison & Clark
S. F. Cornice Co.
Western Fernae
& Cornice Wks

**Contracting
Lather.**

Lynch, Richard
Schnebl, H. S.
Lawson & Ped-
grift
Kykendall, J. S.
Malley, Edward

Granite.
Bradbury, Tlos.
Cal. Granite Co.
De Lano & Sons,
C. L.
Hunt, A. T.
Raymond Granite
Co.

Hardware.
Brittain & Co.
Kruze, J. H.
Meyer, A.
Oshorn Hardware
& Tool Co.
Palace Hdw. Co.
Wright Hdw. Co.

Heat and Light.
Pacific Gas and
Electric Co.
**House Moving &
Raising.**
Rume Cont'g Co.
Pearson, E. K.
Sullivan, D. L & T.
**Hurling & Vent-
ilating.**
Cronan, Wm.
Madrum & Otter
Montague, W. W.
& Co.

Inside Floors.
Hardwood Inter-
ior Floor Co.
Pacific Floor
Sanding Co.

Iron Works.
Michaels & Pfefer-
fer
Monarch Iron
Works.
Pacific Rolling
Mill Co.
Pacific Struc. Iron
Works

**Interior Decora-
tions.**
Shell & Dennis.
Lynch, Richard
Joist Hangers &
Post Caps.
Kortick & Falls
Mfg. Co.
Lilley & Thurston
Co.
Kawner System
Store Fronts.
F. S. Mfg. Co.
Lilley & Thurston
Co.

Light and Power
Co. Electric Co.
Lay, Gas & Elec-
tric Co.
Lime, Cement, Etc.
Acme Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Hydrate Co.
Cowell Lime &
Cement Co.
Holland, J. P.
Hudson, Jas. E.
Lums, W. E.
Lime & Plas-
ter Co.

Fibre.
S. F. Fibre & Cord-
age Co.

Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebing Con. Co.

Floor Sanding
Inial Floor Co.
Pacific Floor
Sanding Co.

Grill Work.

Cal. Art Metal &
Wire Works.
Merle Co., A.
Sartorius Co.
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A Weekly Publication Devoted to the Architectural, Building and
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—== THIS WEEK'S ILLUSTRATIONS: ==—

New School Building For The Piedmont
School District, Alameda County, Cal.
Designed By Architect Irwin Schaefer Of
Oakland.

Modern Hotel Structure At The Northeast
Corner of Franklin and Eleventh Streets,
Oakland, For Mrs. Barbara Streit. Designed
By Architect William Wilde Of Oakland.

WEDNESDAY, SEPTEMBER 17, 1913.

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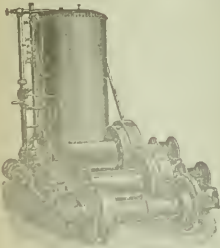
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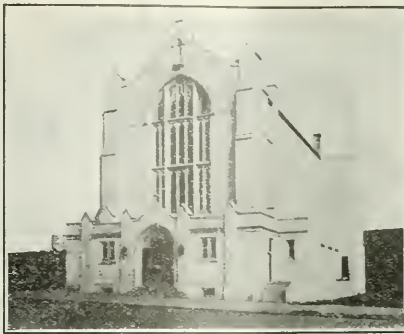
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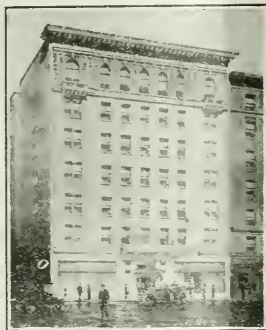
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C. W. Dickey, Architect.

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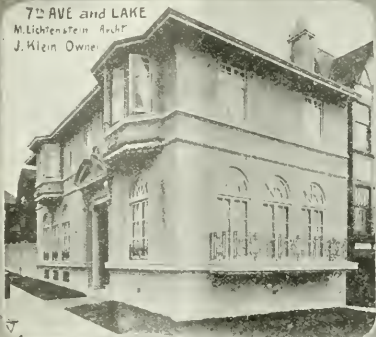
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Frederick H. Meyer, Architect

Stone and terra cotta work treated with Imperial Water Proofing for preserving and to prevent discoloration

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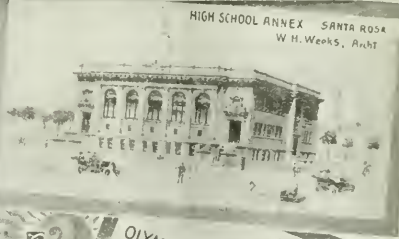
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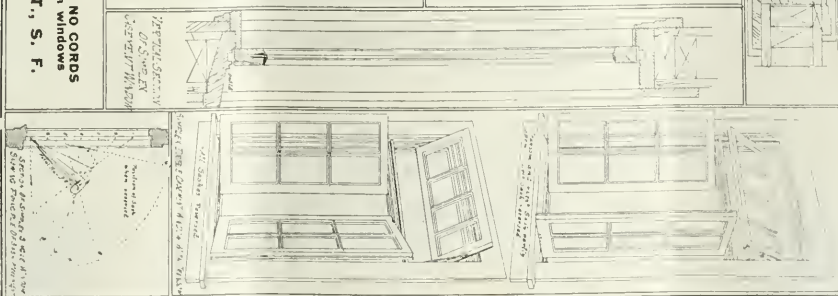
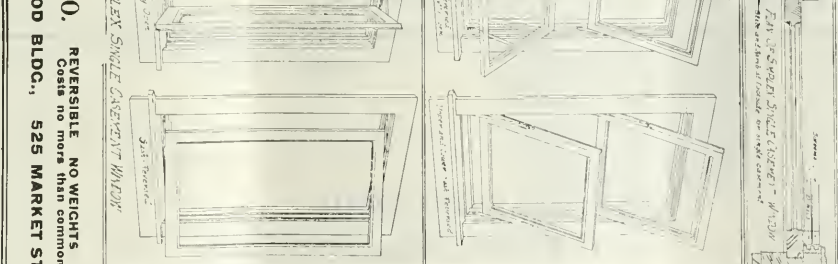
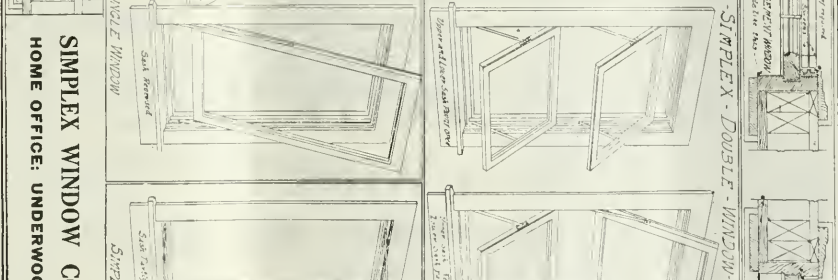
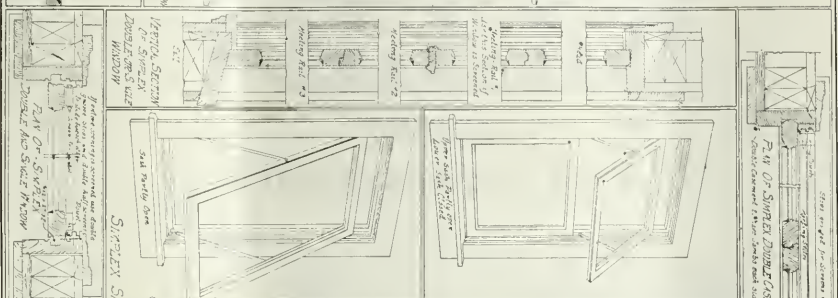
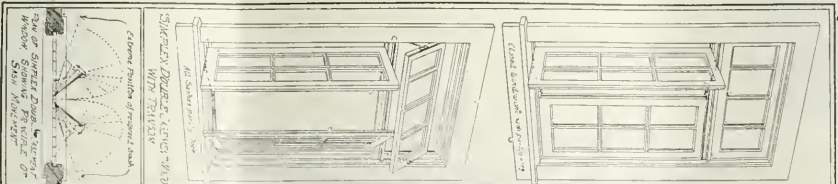
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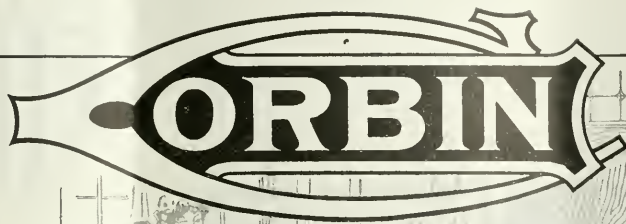


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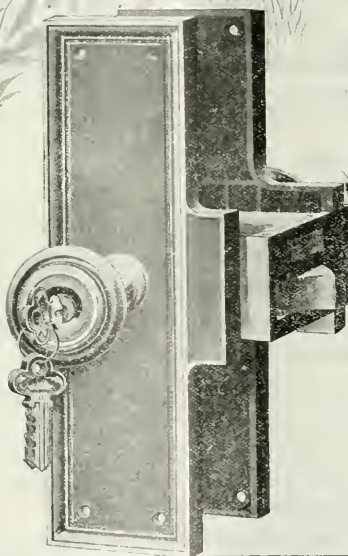
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San Francisco, SEPTEMBER 17, 1913

Thirteenth Year No. 37

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Editorial Comment.

The Examiner comes out in a full page editorial for a clean town. By that it means the abolishment of the Barbary Coast and the vice districts of the city and to substitute clean amusements therefor. According to the Examiner this is easily done. All you need is enlightened public opinion and conscientious officials of government and there you are.

The greatest difficulty has been heretofore that the newspapers have always knocked every reform except those that they claimed as their own. Thus the Examiner when it couldn't control the graft prosecution immediately began to knock. And so it is with the whole bunch of moulders of public opinion. Reforms begun by the newspapers of San Francisco have usually been not primarily for the public good, but to exalt the horn of the newspaper and its proprietor. With the changing order of things the newspapers have necessarily had to change their policy. So that there seems to be a more conscientious effort to really champion something for the public good. How far the Examiner's talk will be backed by its efforts remains to be seen.

THE MAN WHO CARES.

The way to make a success of any job is to care whether you do it right or not. To be sure, the abilities of men differ, and he who has the greater ability can do more and larger things than he who has less ability. But every one has the ability to do something, and the doing of anything well constitutes at least a reasonable degree of success. The man who makes that success is the man who, in the job that is his to do, cares whether he does it right or wrong.

The principle which thus applies to doing things also applies to learning things. The way to learn things is to be interested in things. He who goes through life interested in what is going on around him will acquire a liberal education just by keeping his eyes and ears open. There is something to be learned everywhere, from everybody, and from everything. The one who is interested acquires knowledge almost without effort. The one who is not interested acquires very little knowledge, even when he occasionally makes painful effort to do so, and he acquires no knowledge at all in the ordinary incidental contest of life. The man interested in baseball learns something about baseball from every game he sees or hears about, no matter how badly it may be played. But the same man might ride to his work every morning through a country filled with bees and butterflies, in the

company of a great entomologist, and never learn to know one insect from another. A person of great and concentrated interest on one thing will always find opportunity to increase his knowledge of that thing. A person who is interested generally in whatever is and whatever happens, will find no environment in life so narrow or so limited that he cannot get out of it daily increase of knowledge and wisdom.

Success in life depends on knowing and doing. The way to know is to be interested. The way to do is to care. The road to failure is indifference.—Fresno Republican.

COMPOSITION FLOORS.

In 1866, Stanislas Sorel, a French engineer, patented this composition, in this country and about the same time patented the cement much used by dentists, which is of a nature similar to the oxy-chloride cement of magnesite, but having zinc as its base. This Sorel stone, as it was formerly called, has found a large use in Germany and elsewhere in Europe, principally for laying sanitary floors, countertops and for steamship decks.

Its slow hardening or setting is a desirable feature of this material; the chemical reaction taking place slowly through a period of say 24 hours, is much preferable to a quick set. For instance, I have had floors that set in a half hour's time. I have also had floors in which the chemical action took place so rapidly as to produce extreme heat, sufficient to burn one's hand.

In Europe most of the floors are scraped, like hardwood floors, when in a cheesy state, later on finished by polishing, then oiled or waxed; this produces a very beautiful "Steinholz" floor. I am acquainted with formulas and work of about 20 European concerns, having visited them and seen much of their work. They attempt on the whole much more elaborate work than is usually done by the manufacturers in this country, since their labor and materials are more cheaply obtained. Very artistic marble or terrazzo effects are obtained and if kept oiled or waxed such floors will wear and look well indefinitely. I have laid such floors in banks and court houses in this territory with good success, due to the fact that their janitors properly attended to such waxing and oiling.—Concrete Cement Age.

Douglas fir, according to the information collected by the forest service, is the principal wood exported from this country. It is said to be the favorite wood among insular manufacturers for flooring, ceiling, siding, cornice, shieving, finish, and boat work.

The Measurement and Conservation of Underground Water.

By Charles H. Lee, Hydraulic Engineer,
934 Union Oil Bldg., Los Angeles.

What would happen to the business man who regularly credited annual earnings with a portion of his necessary working capital? With equal certainty, what will happen to the community which persistently draws upon reserve ground water supply? The two questions can be answered by the one word, bankruptcy. In the one case financial resources are being squandered, in the other a valuable natural resource is being depleted and its availability destroyed. Yet many of our California towns and cities are unknowingly facing such a situation. With rapidly increasing demands for water and shortage of funds for new development, the natural action is to sink more wells. But is this method always wise and one which will not lead to a disastrous situation in the future?

Past experience shows that heavy pumping or unlimited development of artesian water is dangerous. Water levels in wells have lowered so greatly that the cost of pumping has brought excessive financial burdens upon the community. Such a result involves not only the municipal water system but the surrounding farming interests depending upon the same source for irrigation. The community is therefore not only cutting off its water supply but destroying the industries upon which its very existence depends. In fact, the over-development of ground water supply is suicidal.

It is obvious that before making plans for future increase in municipal water supply there should be definite knowledge of the extent to which the local ground water sources can be safely utilized. It is here that great difficulty has lain in the past. To most men, and it may also be said of the average engineer, the subject of underground water is a mystery. It is a realm in which the optimist may indulge his enthusiastic imagination without restraint, or the pessimist may with equal conviction see insufficiency and failure. For the man who faces the situation practically, there has seemed to be no way of finding the permanency of the supply but by going ahead and trying it out. This, until very recently, has been the situation.

The widespread use of underground water during the last few years and its growing economic importance have led to careful scientific study of the subject. As early as 1906 engineers in Southern California saw the need of information regarding this natural resource, and those having to do with underground water development began to accumulate data. In 1903 the United States Geological Survey, recognizing the vital necessity of accurate information, sent Mr. W. C. Mendenhall, a widely experienced geologist of the service, to Southern California. Mendenhall's investigations were widespread and thorough. He was the first to authoritatively state the source and extent of our important subterranean

supplies. Later, studies made by the City of Los Angeles in co-operation with the United States Geological Survey in Owens Valley, still further extended our knowledge. These investigations took up more in detail the movement and ultimate outlet of underground water and cleared up many uncertainties. Today, with the knowledge thus obtained, there are few localities where it is not possible, by intelligent study, to determine the location, source, movement and ultimate outlet of underground water and the extent to which development should be undertaken. Hence underground water problems are no longer subjects of opinion or speculation, but can be solved by scientific principles.

The fact upon which the solution of most ground water problems in California depends is that the subterranean supplies of the State are largely derived from "underground storage reservoirs." These lakes or reservoirs are the void space surrounding the particles of gravel and sand filling the water-tight rock basins represented by the many valleys scattered through the coast hills and at the base of the higher interior ranges. The water bearing gravel, which are penetrated by wells in these valleys are usually enclosed on all sides by the relatively impervious and non-water bearing hill formation. In some cases the rim of the basin has been buried from view, while in other cases the basin is so large that its surface is many miles across.

An illustration will help to make the underground reservoir and its behavior more easily understood. Consider a small rectangular concrete reservoir, such as is often used for temporary storage of irrigation water. If the outlet gate be closed the reservoir will fill and finally overflow. If, however, a pump be installed and water withdrawn from the filled reservoir at the same rate as received the surface will remain at a constant level. If another pump of equal capacity is installed water will be withdrawn faster than received and the water surface will fall until it is below the suction pipe of one of the pumps. Then it will remain at a constant level again.

Assuming now that the reservoir is partially filled with gravel, so as to flush with the top of the wall along two sides but decreasing in depth toward one corner. Assume the supply stream to be divided into several small streams which are led around the edges of the reservoir where the gravel is deep, and allowed to flow out onto the gravel at numerous points. This water will be absorbed by the gravel and after filling the void spaces will begin to appear at the surface where the depth of gravel is least. Assume here an outlet in the reservoir wall so that water which is not evaporated by the hot sun shining on the gravel may escape. This is the situation in our underground reservoirs while in their natural condition.

If now water is drawn from the

gravel by one of the pumps there will be a readjustment of the water level. The overflow will stop and the water may recede so far that evaporation will cease. Then conditions will remain permanent. This is the condition in an underground reservoir from which the draft does not exceed the safe limit.

If now the other pump be started the water level will drop still lower until one of the suction pipes breaks seal and ceases to draw water. Then with only one pump operating, the level will remain fixed again. If the suction be again lowered into the water the level can be still further reduced and eventually the reservoir could be pumped dry. This is the situation in an underground reservoir which is being over-pumped.

Returning to practical conditions, an underground reservoir can be described as a great water-tight basin, usually represented by a valley, which is filled with porous alluvial material. This material absorbs a portion of the water in contact with its surface as precipitation and stream flow and transmits it to the lowest level where the water, which has not been intercepted by wells, finds an outlet either into a surface stream or into the air by evaporation. Water pumped from the basin, if it does not return again by percolation, decreases the flow of this stream and brings about the shrinkage of the swamp area. In actual practice it is found very difficult to prevent loss by evaporation from the cienega or swamp area. Hence the limit to the amount of water which can be developed by pumping is the amount of water absorbed by the gravel less the unavoidable ground water losses. This limit of pumping should not be exceeded if the reservoir is to be held and water levels kept within economic pumping depths.

The ultimate source of supply of underground reservoirs is rainfall upon the surface of the valley and upon the surrounding mountains whose drainage is tributary. This water enters the gravels by percolation either directly from valley rainfall or from stream flow and irrigation water. The great quantity of water which stream channels or unlined irrigation ditches will absorb is so well known as hardly to need comment. In passing, however, it might be stated that measurements by the United States Geological Survey on a number of Southern California streams indicate losses as great as 1000 miners' inches to every mile of channel.

The water thus absorbed sinks downward to the general water plane and then moves laterally toward the lowest part of the valley where it escapes through natural outlets. Some of the escaping water appears in springs and seepages which gather and join to form a living stream flowing from the drainage outlet of the valley. A very small amount may escape as underflow. In most cases by far the larger part is lost by evaporation from the moist soil

and vegetation of the cienaga or swamp which always exists in the lowest part of a valley. This process of evaporation is so difficult of detection by sight or sound that it is hard to realize its importance. Yet in many of the underground reservoirs of Southern California more than 75 per cent of the unused supply is lost by evaporation from soil and plant surfaces and even in Central California the loss is seldom less than 50 per cent. The rate of evaporation from some types of water-loving vegetation exceeds that from the same area of open water surface. From moist soil the rate is nearly as great as from water. Since evaporation from water varies from four to six feet in depth per year in various parts of the State, it is obvious that enormous losses must occur by this process.

The determination of the amount of water which can be safely pumped from a basin is a problem requiring specialized experience and technical training as well as judgment. It involves first a careful study of the geology of the containing basin as well as of the material which fills it. Then the sources of ground water supply must be ascertained and methods devised for their measurement. Also the ground water outlets must be determined and their measurement planned. Finally a study of the existing wells in the basin must be made. Even with all the necessary data at hand careful study and broad experience and judgment are necessary to correctly interpret the results.

The better understanding of the principles governing ground water has led to methods of conserving and increasing the supplies. The knowledge that seepage from stream channels is a source of supply suggested the possibility of artificially stimulation of absorption from the wasted winter floods. This idea has gained wide application through Southern California and its practicability is being demonstrated in a number of localities. The California Conservation Commission recognizing the economic importance of such work recently had a thorough scientific investigation made of the subject. The conclusions drawn from these studies as incorporated in the 1912 report of the commission strongly recommended underground storage as a method of conservation.

The principles involved are exactly similar to the storage of flood water in surface reservoirs. The voids in the gravel filled basin are the reservoir. This storage space is filled by diverting flood waters upon the ground surface. The stored water is withdrawn when needed by means of pumps or artesian flow.

There are great advantages in favor of subterranean storage. The capacity is very large and needs no dam to make it available. The irregularities of annual supply are balanced up so that the water stored in wet years becomes available in dry years. Furthermore the evaporation which occurs from the entire surface of an ordinary reservoir is limited to a very small area in the underground reservoir.

There are several methods employed for getting a greater absorption of flood water. The most common method and that which has been used in the San Bernardino Valley for a number

of years is locally known as "water spreading." This consists of diverting the flood waters from the channel of Santa Ana River after it leaves its canyon and distributing it over the worthless gravel lands adjacent to the stream in such a manner that it is absorbed as rapidly as possible. The Federal Government has set aside public land for this work and the interested water companies have purchased additional area from private ownership. The water is diverted from the stream, carried in contour ditches to the land, there distributed into smaller ditches and finally allowed to spread out over the surface and sink into the ground. The best spreading ground has a gentle slope and an unbroken surface of fine wash material composed of sand and gravel. This work is accomplishing the annual storage of a volume of water equivalent to a supply of about nine million gallons per day at a cost of less than one-tenth of a cent per 1000 gallons. The water formerly immediately flowed from the basin and wasted into the ocean. Another method, which is in use for a small basin in Lytle Creek Canyon near San Bernardino, is to sink shafts in the gravels into which flood water is diverted. This is an efficient method here the area of good spreading ground is small. Still another way is to divert the water into basins, allowing it to overflow from one into another. This also has special advantages.

There is no doubt that a properly planned and operated system for increasing the absorption of flood waters will accomplish increased replenishment of water at a reasonable cost in many of our underground reservoirs.

The possibility of increasing the artificial withdraws from an underground basin by decreasing evaporation losses is also being demonstrated in many of the California basins. During the last ten years the area of moist land has been permanently reduced in many of the basins as a result of increased development of ground water. A corresponding decrease in evaporation has resulted. This has accomplished conservation equally as beneficial as the storage of flood water, for whereas this water formerly wasted into the atmosphere, it is now being pumped and used for beneficial purposes. There are many basins where extensive development of water can be made by decreasing evaporation losses.

Not only is it possible to develop water by reducing evaporation losses but also to drain swamp land. Evaporation losses from ground water occur only when the water plane is less than eight feet below the ground surface. To stop evaporation it is necessary to lower the water level beyond eight feet. This, of course, results in the drainage of the ground. As a result water-logged and alkali soil becomes good for agricultural purposes. The reduction of evaporation loss, therefore, results in conservation both of water and land.

There are great possibilities for combined water supply and drainage projects in the Sacramento and San Joaquin Valleys. Much of the lower land in these valleys will become water-logged and alkaline by irrigation of higher land. The prevention of this trouble can in many cases be accomplished by a properly designed pumping system. The water produced by such a system is

free from impurity and should be desirable for municipal supply. With cheap power such projects should be entirely feasible.

Another way in which ground water can be conserved in basins, which are artesian, is by capping flowing wells when not in use. Water under pressure is being recklessly dissipated in many basins of the State notwithstanding laws on the statute books prohibiting such waste. The capping of wells can be done easily and cheaply and there is no reason why public sentiment in each community should not favor the enforcement of the law.

There are many municipal water departments depending upon ground water sources which would benefit greatly by having accurate knowledge of the underground reservoir from which their supply is obtained. In some cases an adequate supply is being impaired through excessive draft by developments not under control of the community. In other cases the department is following a policy of ground water development that, although apparently cheap in first cost, will lead ultimately to unnecessary large expense and possibly water famine. In still other cases the department is involving not only municipality but the local industries and surrounding country in a dangerous situation. There is just as much reason for having knowledge of the safe yield of an underground reservoir as there is of a surface reservoir. No city would undertake a surface storage project without first making careful engineering investigations of the dependable water supply. There is a definite engineering knowledge required in the use of an underground reservoir. With this data available the municipality whose water supply is subterranean need only act upon the basis of accurate knowledge.—Reprinted from Pacific Municipalities.

ADVERTISING MEASURED BY INTELLIGENT EFFORT

By James A. Wood.

Everybody who is any kind of business is an advertiser. The mere fact of being in business forces some kind of advertising. It may not be newspaper or magazine advertising; the billboards or the street cars may not be used; in fact, there may be no evidence of any of the sort of advertising that is generally classed as legitimate. But there is advertising in some form. The name of the proprietor is up over the entrance; something or other will be in the front window, and there may be a few boxes of apples and a barrel of ax handles on the sidewalk outside; there will be something to show that the man is in business, and anything that will show a man to be in business is advertising.

But modern methods of advertising are intended to reach far beyond the point of establishing the fact that a man is in business. They are intended to increase his business, to make his place of business popular, to enlarge the sales of whatever he may have to offer. These days of competition no fact in business is more firmly fixed than the fact that the man who advertises in an up-to-date way will do more business than the man who is

running along with only his sign and his window display, or the man who uses other means of advertising in a slipshod and indifferent way.

Value of Commodity.

Naturally the first thing in advertising is to have something that is worthy of advertising effort and expenditure, something that the people ought to know about, something that is attractive in quality and price; something that the people will be pleased with when they get it. There is nothing that any reliable manufacturer turns out, nothing that an honest business man carries in stock that cannot be made to meet these simple requirements.

There is no doubt that all kinds of trouble are in store for illegitimate advertisers. They may seem to prosper for a time, but there cannot be any lasting prosperity for anyone whose advertising is false or misleading. The man who advertises something he can not deliver, who gets people into his place of business under false pretenses and tries to sell them something else or who sells something that falls below the merits claimed for it in his advertising, is bound to come to grief. It is a good sign of the time that the Ad clubs and associations, backed up by sound business sentiment, are getting after such men in all parts of the country. There is no place for them in honest business or in honest advertising.

The great slogan of the business world today is, "It pays to advertise." That is not always, not necessarily true. It may pay to advertise and it may not pay; it pays some men to advertise while it doesn't pay others. A slogan more exact, more true would be this—"Advertising can be made to pay." The business man who has something to sell, something which he can deliver right up to specifications, invariably find that it pays to advertise, provided, always provided, that he uses good common sense in his advertising and that his advertising is properly done. I am not speaking now of the dishonest advertiser, the hunko man who wants to unload something worthless on people who do not need it and who will be dissatisfied when they get it. I am speaking of the honest business man who wants to build up his business by advertising, but who doesn't know how to get at it in the right way.

A world of money is wasted in advertising. That is to say, that while every legitimate effort in advertising will pay to some extent, there is a tremendous margin of waste beyond the paying part. That is not true of all advertising, of course, but there is so much truth in it that it is certainly worth the while of all business men to check up pretty carefully and see how little they are getting for certain large proportions of their expenditures.

Do not get into the conclusion that money is being wasted in taking too much newspaper space or in too extensive use of any of the legitimate advertising medium. The waste is not there. It occurs in the unproductive nature of the matter that the advertiser has himself put into his space. The waste is not so much in the advertising itself, but in the large mediums of advertising as it is in the smaller

communities. In the larger cities advertising is more highly specialized. Business men are making more of a study of it for themselves or are handing it to an increased extent through or under the advice of those who have made a study of it.

The Choice of Copy.

But in the smaller cities and towns how many men are contributing to the support of local advertising mediums with little showing of regard for their own interest? How often one sees such an ad as "John Jones, Staple and Fancy Groceries," and the address; or "Go to Smith for Your Dry Goods." Now Jones and Smith get results from that sort of advertising, no doubt of it. They get something for their money, but they don't get all that they ought to get. Such simple statements keep their names before the people, but it is only a little while until the people quit looking at the places where their names appear; they have lost interest. How much better results could be obtained by using the same space and saying something in it from time to time that would keep up popular interest. It would not cost Jones or Smith a cent more than they spend for the mere announcement of their names, but it would certainly get them more business.

The cases of Jones and Smith are perhaps extreme, although they are very numerous, but a great deal of advertising and much of it in the big cities, shows a similar lack of intelligent interest in preparing matter to occupy space that is under contract and must be paid for. It is in this respect that much money spent in advertising is unproductive of results.

Judicious Advertising.

That judicious advertising of salable articles, things of real merit, will get results is beyond question. But judicious advertising is not always the rule. There is a reason and it is not hard to find. Modern advertising, the application of accumulated experience and practical knowledge, is a business of itself—just as much a business as the grocery business or the dry goods business. The average layman is not equipped for merchandising; neither is a doctor or a dentist. Then why should it be expected that the average merchant, lacking in knowledge and experience in advertising, will make a success of an advertising campaign that may call for the expenditure of a goodly portion of his receipts. If he has not this knowledge and experience, and is not willing to entrust his advertising work to those who have, he will waste money by keeping out of advertising on any scale.

Any business man knows when he is selling flour at a loss; he knows when he can make a profit on a can of coffee. He should be able to determine almost, if not quite as accurately, whether he is losing or profiting in the use of advertising space. There is no great mystery about judicious advertising. It calls simply for good common sense, the kind of sense that must be used in any other branch of a business enterprise.

All business men must dismiss from their minds any idea they may have that there is nothing in advertising or

that they can do as well without advertising as they could do with it. That is all nonsense and has been proved to be nonsense in the cases of many thousands of advertisers. There is every possibility of benefit in advertising and that fact has been so often demonstrated as to leave no room for doubt or question in the mind of any intelligent business man.

The Choice of Mediums.

Do not let yourself be talked into advertising for no better reason than that someone has advertising space to sell. If you have something that you want to sell and that you know is valuable, consider carefully the class of people most desirable to reach, and choose the advertising medium or mediums which you are satisfied will put your advertising before that class of people.

Large advertising space is better than small, but do not buy large space if it is going to consume all possible profits from the sale of the things to be advertised. But keep this in mind: It may sometimes be necessary to use up all the profits in advertising for a time in order to establish your place of business or your article. With that once established keep your advertising cost to a point where is most show profit.

Do not let your advertising get stale. Change your copy often. In this day and generation people peruse newspapers and magazines or the new things, not for the old. In a campaign constantly boosting for the sale of one thing it pays to tell your story in a different way just as often as you can.

Maximum Results Required.

Advertising is too expensive to admit of any thing but maximum results. Make your advertising attractive for the same reason that you change your story often. It pays. Newspaper and magazine readers look at the attractive things in the publications they read. It cost no more to run a good looking ad than it does to run a poor or common one. Make your advertising as distinctive as possible, and in this the possibilities are without limit.

Tell the truth and deliver the goods as advertised. Not long ago the manager of a big department store in Portland told me he had discharged his advertising man because he had advertised a sale of men's silk hose at 2 cents a pair. The hose were only part silk and part cotton. There was a great deal of dissatisfaction among intending customers brought to the store by the ad. "Twenty years' experience," said this manager, "has taught me that that sort of advertising does a store far more harm than good."

And now, in closing, let me urge you not to "take a flyer" at advertising just to see if it will pay. You cannot get the results of a "flyer" up against the accumulated experience of the age. Steady advertising, judicious advertising, the right kind of advertising will pay. Don't rush into advertising unless you are ready. But once you are in don't drop out because big results are not instantaneous. Stick to it. Use your money as carefully in advertising as in making or buying your goods. Advertising has won for others and will win for you.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. The building will be erected on a 25-foot lot on the east side of Taylor street south of Clay and will contain six modern three-room suites. Interior finish will be of pine, elm and blue gum. Hardwood floors will be used in the principal rooms. There will be steam heat. All suites will have wall beds and private bath rooms. A hot water system will be installed. Exterior of the house will be covered with shiplap and rustic. A brick veneer base will be used. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$70,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, M. S. Shaw. This building will be erected on the north side of Bush street between Hyde and Larkin streets, covering an area of 68 feet 9 inches by 137½ feet. Plans provide for a total of 45 suites of two and three rooms. The design is in the Georgian style and the main entrance and lobby will also be finished in the same period. Interior trim will be of pine, elm and blue gum. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with red pressed brick trimmed with limestone. Plans are now being prepared and when complete the work will be done by Day Labor. Mr. Shaw will shortly purchase all materials.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$14,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. This building will be erected in the Mission District, and has been designed to contain twelve suites of two and three rooms. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be steam heat and a hot water plant. All suites will have wall beds and private bath rooms. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Preliminary plans only have been prepared.

RENO, NEVADA—Apartment house, 6 story and base, brick and steel. Cost not stated. Architect, Rene E. Holsworth, 26 Mill street, Reno. Owner, George E. Holsworth. The owner has a large corner site which he intends to improve by the construction of a building 76x150 feet. Interior has been arranged for 87 suites of two, three and four rooms. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All suites will be equipped with wall beds and will have private bath rooms. Exterior of the building will be faced with pressed

brick. The architect is now raising funds for construction.

FRESNO, FRESNO CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, C. J. Croycroft. The building will be erected on Blackstone street near Belmont, and has been designed to contain four suites of four rooms and bath each. Interior finish will be of pine and redwood. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. All suites will have private baths and wall beds. Plans are complete and figures are being taken.

—BRIDGES—

AUBURN, WASH.—Dam, reinforced concrete and steel, \$250,000. Engineer, County Engineer Denton, Seattle. Owner, King and Pierce Counties. The final decision of the joint committees from King and Pierce Counties as to the amount to be borne by each of the counties in the improvement of the Stuck River was as follows: King County, 60 per cent and Pierce County, 40 per cent. The first contract to be let will be for the construction of the above mentioned dam. Plans are now being prepared. The entire work decided upon will cost in the neighborhood of \$1,500,000.

Contracts Awarded.

NESIKA, WASH.—Bridge, steel and concrete, \$23,000. Engineers, Bowerman & McCoy, Mutual Life Bldg., Seattle. Owners, Washington State Highway Commission, Contractors, Humley & Henry, Hoquiam, Wash. Contract price \$23,000.

—CHURCHES—

PASADENA, LOS ANGELES CO., CAL.—Church addition, 1 story, frame and concrete. Cost not stated. Architect, Norman F. Marsa, Broadway Central Bldg., L. A. Owners, Tremont Baptist Congregation. The building will form the auditorium portion of a new edifice which is to be erected in Pasadena. Plans for a building 55x80 feet have been prepared. Interior finish will be of pine throughout. Some art glass will be used. There will be a central heating system. The auditorium will seat 350 people. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and ready for figures.

COURT HOUSES.

Contracts Awarded.

HANFORD, KINGS CO., CAL.—Court house addition, 2 story and base, brick, \$6,990. Architects name not given. Owners, Kings County Contractors, Trewitt & Shields, Fresno. Contract price \$26,990.

FLATS.

SAN FRANCISCO—Flats 3 story and base, frame, \$12,500. Architect,

Charles J. Rousseau, 16 Kearny St., S. F. Owner's name withheld. The building, which has been designed for an apartment flat structure, will be erected on the north side of Washington street, west of Mason, covering an area of 36x137½ feet. Interior has been arranged to contain six flats of from three to five rooms and bath. Interior finish will be of pine with elm panels in the living and dining rooms and halls. Some hardwood floors will be used. There will be open fire places and tile mantels. All flats will be equipped with wall beds. Main entrance hall will be finished in the Empire style. Exterior of the building will be covered with cement plaster trimmed with artificial stone. Plans are ready for figures.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Broderick street and has been designed for residential flats. The owner occupying the upper flat. Each flat will contain six rooms and bath. Interior finish will be of pine, blue gum and elm. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot. A large open fire place will be installed in each living room. Mantels will be of brick. Automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,200. Architect, O. E. Evans, 1367 Mission street, S. F. Owners, Mary and Edward Fox. The building will be erected on the west side of 8th avenue near Clement, covering an area of 25x66 feet. The building has been arranged to contain six flats of four and five rooms each. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will also be used. There will be open fire places and brick or tile mantels. Fiberglass floors and tile wainscot will be used in the bath rooms. Entrance vestibule will have mosaic floors. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor. All material is now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Union street near the Presidio and will contain two modern flats of five and six rooms. The upper flat will be occupied by the owner. Interior finish will be of pine, blue gum and elm panels. Hardwood floors will be used in the principal rooms. There will be a large open fire place and brick or tile mantel in each of the living rooms. Bath rooms will have cement floors and tile wainscot. Automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$12,500. Architect, Charles J. Rousseau, 16 Kearny Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Washington street east of Mason. The building has been designed to contain twelve flats of three

and four rooms. Interior finish will be of pine with some elm panels. Bath rooms will have cement floors and tile wainscot. There will be open fire places and tile mantels. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are complete and now out for figures.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. This building will be erected in the Mission District for the same owner who is now constructing a three-story frame apartment house from plans by Mr. Clausen. The building will contain two flats of four and five rooms. Interior finish will be of pine and redwood. Tile wainscot will be used in the bath rooms and kitchens. There will be open fire places and tile mantels. Exterior of the house will be covered with shiplap and rustic. Plans are now being prepared.

SACRAMENTO, CAL.—Flats, 3 story and base, frame, \$10,500. Architect's name not given. Owner, A. W. Norris, 409 21st street, Sacramento. The building will be erected on 21st street and has been designed to contain a number of three, four and five room flats. Interior will be finished in pine, redwood and elm. Some hardwood floors will be used. There will be open fire places and brick and tile mantels. Automatic water heaters will be installed. Tile wainscot and cement floors will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, brick, \$7,500. Architect, Charles J. I. Devlin, Pacific Bldg., S. F. Owner, William Rayhill. The building will be erected on the south side of Haight street west of Steiner, covering an area of 31x134 feet. Construction will be made as near fireproof as possible. Interior partitions will be of metal lath and plaster. Steel roof trusses will be used. A cement floor is specified. Exterior of the building will be faced with tapestry brick. Plans are complete and the work will be done by Day Labor under the direction of the architect.

OAKLAND, CAL.—Garage and sales rooms, 1 story and base, brick. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the corner of Brook and Broadway, covering a considerable area. Foundations and walls have been designed heavy enough to support additional stories. Front portion of the building will be handsomely finished in pine, hardwood and tile and will be used as a sales room. Rear part will contain the shipping rooms and repair shop. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are now out for figures.

SAN FRANCISCO—Garage, 1 story and base. Class A construction, \$35,000. Architects, O'Brien Bros., Clinic Bldg., S. F. Owner's name withheld. This work has been mentioned here before when the architects were first

commissioned to prepare the plans. The building will be erected at the corner of 14th and Bryant streets, and will cover an area of 20,000 square feet. Construction will be fireproof throughout with a complete steel frame, steel roof trusses and metal lath and plaster interior partitions. Floor will be of concrete. The front portion of the building will be occupied as an office and will be finished in pine. Besides the storage space there will be a completely equipped machine shop. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and bids will be called for shortly.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete, \$25,000. Architect, C. H. Barrett, 381 Bush St., S. F. Owner, Dr. Cerf, 111 Ellis street. The building will be erected on the north side of Post street west of Jones, and directly opposite the new commercial garage being erected for Mr. Samuels. Construction will be fireproof. Floor will be of concrete and partitions of metal lath and plaster. Metal window sash and frames are to be specified. There will be a main office, storage space and machine shop. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Garage, 1 story and base, brick, \$6,500. Architect, F. B. Gowell, Fresno. Owners, Fresno Brewing Co. The building will cover an area of 70x80 feet, and will be devoted to the storage of the company's machines. Besides the storage space there will be a completely equipped machine shop. Floor will be of cement. There will be special gasoline storage tanks and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Yerba Buena, Water Pipe, Etc.

The contract for furnishing water pipe from Yerba Buena Island to Oakland, Cal., bids for which were opened by the chief, bureau of yards and docks, Navy Department, Washington, D. C., has been awarded to the Contra Costa Construction Co., Sheldon Building, San Francisco, at \$8,675.

To Aid Subcontractors.

The Treasury Department has announced that it would insist that contractors on public buildings hereafter must look after the financial wants of their subcontractors as work on the structure progresses. In the past the department has experienced trouble in pushing work on new buildings because contractors in their monthly requisitions for funds failed to make proportionate payments to subcontractors. This practice the department proposes to end and it will try out its new policy in the erection of the new four hundred thousand dollar Federal building at New Haven, Conn.

San Diego, Cal., Coaling Tower, Etc.
Action regarding the award for constructing one wooden coaling tower and appurtenances at San Diego, Cal., has been postponed indefinitely.

Goat Island, Replacing Piles.

The following bids were received by the light house inspector, 18th district, San Francisco, Cal., for replacing fender piles at Goat Island light house depot:

E. J. Cotton, \$1,068.
Healy-Thibbitts Construction Co., \$1,636.
Hyde-Harjes & Co., Inc., San Francisco, Cal., \$891. Accepted.
Thompson Bridge Co., \$1,387.
Merry Elwell Co., \$1,083.
H. W. Stebbins, \$1,000.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:
Puget Sound, Storehouse and Factory, September 27.

Detroit Steel Products Co., Washington, D. C.
Mesker Bros. Iron Co., St. Louis, Mo.
W. N. Concannon Co., San Francisco, Cal.

Pearl Harbor, Magazines, September 20.
Penn Bridge Co., Beaver Falls, Pa.
Spaulding Construction Co., Portland, Ore.

W. N. Concannon Co., San Francisco, Cal.

General Roofing Manufacturing Co., York, Pa.

U. S. Steel Products Co., New York City.

Detroit Steel Products Co., Detroit, Mich.

E. T. Owsley, 311 Sharon Building, San Francisco, Cal.

Mogul Co., 429 Sixth avenue, New York City.

The Lehon Co., 141 W 36th street, New York City.

David Lupton's Sons Co., Philadelphia, Pa.

Pearl Harbor Quarters, September, 27.
Spaulding Construction Co., Portland, Ore.

Crane Co., Washington, D. C.
W. N. Concannon Co., San Francisco, Cal.

Mesker Bros. Co., St. Louis, Mo.

Reclamation Work.

The director of the Reclamation Service is asking for bids for the construction of about 53 miles of canals and laterals involving the excavation of approximately 366,000 cubic yards of material, in connection with the Flathead irrigation project, Montana. The work lies between 5 and 12 miles southwest from Polson. Proposals will be opened at St. Ignatius, Mont., on September 30, 1913.

Canal Circular 795.

An advertisement appears elsewhere in this issue, calling for bids to be opened September 15, under circular 795, steel rolling doors for permanent shop buildings at Balboa. The material is called for under one class divided into six items as follows:

- Item 1, 4 doors for building No. 1, 16 ft 9 in x 31 ft.
- 2, 8 doors for building No. 1, 21 ft 3 in x 17 ft 6 in.
- 3, 1 door for building No. 2, 16 ft 9 in x 31 ft.
- 4, 2 doors for building No. 2, 21 ft 4 in x 17 ft.
- 5, 1 door for building No. 4, 16 ft 9 in x 31 ft.

6. 2 doors for building No. 4, 21 ft 3 in x 17 ft 6 in.

Bidders are requested to submit estimates first to furnish and erect the material and second to furnish and deliver the material on docks.

Puget Sound, Air Compressors, Etc.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for furnishing air compressors, condensers, filters, piping, meters, etc., at the navy yard, Puget Sound, Wash.:

Item 1. Price for a reciprocating air compressing plant.

2. Price for turbine-driven rotary air compressing plant, complete.

3. Price for a compressing plant, fulfilling in every respect the performance requirements of the specification, but with such modifications in design as are fully described in detail by the proposal.

4. (a) For reciprocating air compressor, with intercooler and after-cooler and air piping between coolers and compressor as specified, f. o. b. cars, navy yard, Puget Sound.

(b) For services of an expert to superintend the erection.

(c) For installing the reciprocating compressor, intercooler, and after-cooler on foundations furnished by the Government, and making all adjustments ready for test.

5. (a) For furnishing a turbine-driven rotary compressor, with coolers and air piping connection between the coolers and compressor, as specified, f. o. b. cars, navy yard, Puget Sound.

(b) For services of an expert to superintend the erection.

(c) For installing the turbine-driven rotary compressor, intercooler, and after-cooler on foundations furnished by the Government and making all adjustments ready for test.

6. (a) For the condenser and wet vacuum pump, f. o. b. cars, Navy yard, Puget Sound.

(b) Net price for above, except as described under paragraphs 13 and 14.

7. Price for the condensed steam filter as described in paragraph 28-D-1, f. o. b. cars, navy yard, Puget Sound.

8. Net price for the condensate pump and motor as described in paragraph 28-D-3, f. o. b. cars, navy yard, Puget Sound.

9. Net price for the Venturi meter described under paragraph 29, f. o. b. cars, navy yard, Puget Sound.

10. (a) Net price for the flow meter as described under paragraph 29, f. o. b. cars, navy yard, Puget Sound.

(b) The flow meter as described under paragraph 47, f. o. b. car, navy yard, Puget Sound.

11. Net price for all the heat insulating material as described under paragraph 31.

12. (a) Net price for furnishing and installing the condensate tank, the steam receiver separator, all the piping, valves, fittings, gauges, thermometers, pipe supports, and other equipment necessary to properly connect the above mentioned reciprocating compressor plant, all as described in the accompanying specification or shown on the plan, but with such modifications as may be required to accommodate the equipment purchased under the above items.

(b) Do, for the turbine-driven rotary apparatus.

13. Net price for installing the condenser and wet vacuum pump, condensate pump, and motor, Venturi meter, and flow meters required by the specification. The foundations to be furnished by the Government.

14. Net price for furnishing and installing all apparatus, material, and equipment, other than the air compressor, intercooler and aftercooler, with air piping connections between coolers and air compressor required by the specifications.

Builder's Iron Foundry, Providence, R. I., Item 9, \$470.

Charles C. Moore & Co., 40 1st street, San Francisco, Cal., Item 1, \$47,205; 4-A, \$26,435; B, \$11 per day; C, \$3,797; 6-A, \$2,931; 7, \$253; 8, \$203; 9, \$562; 10-A, \$351; B, \$368; 11, \$539; 12, \$8,287; 13, \$231; 14, \$12,999.

Laidlaw-Punn-Gordon Co., 115 Broadway, New York city, Item 1, \$41,730; 4-A, \$27,645; 4-B, \$7 per day; 4-C, \$2,730; 6-A, \$2,833; 7, \$521; 8, \$215; 9, \$510; 10-A, \$560; 12, \$7,135; 14, \$11,755. Alternate, Item 1, \$40,580; 4-A, \$26,760; 4-B, \$7 per day; 4-C, \$2,155; 6-A, \$2,833; 7, \$521; 8, \$215; 9, \$510; 10-A, \$560; 12, \$7,135; 14, \$11,755.

Simplex Valve and Meter Co., 112 North Broad street, Philadelphia, Pa., Item 1, \$465.

C. H. Wheeler Manufacturing Co., Lehigh avenue and 18th street, Philadelphia, Pa., Item 6-A, \$2,950; alternate, \$3,415.

Ingersoll-Rand Co., 111 Broadway, New York City, Item 4-A, \$27,721; 4-B, \$6.50 per day; 4-C, \$4,700.

Providence Engineering Works, Providence, R. I., Item 4-A, \$30,000; 4-B, \$6.50 per day; 4-C, \$4,700.

Chicago Pneumatic Tool Co., 50 Church street, New York city, Item 4-A, \$27,589; 4-B, \$7 per day; 4-C, \$1,980.

Alberger Pump and Condenser Co., 140 Cedar street, New York City, Item 6-A, \$2,665.

-HALLS & SOCIETY BLDGS.-

PALO ALTO, SANTA CLARA CO., CAL.—Hall buildings, 2, 3 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Stanford Union. Two buildings are to be erected on the University Campus at Palo Alto by the Stanford Union. One of the buildings will be known as the Stanford Union and will be devoted to the use of male students. The other will be used by the Women's Club house. Construction will be of reinforced concrete throughout. Each building will cover an area of approximately 55x90 feet. Interior finish will be of pine and hardwoods. There will be a steam heating system and open fire places. Exteriors will be faced with cement plaster. Plans are complete and out for figure. Bids will be opened on September 27th. Plans can be secured from F. H. Fowler, 221 Kingsley avenue Palo Alto. An official proposal appears in another column of this issue.

GLENDALE, LOS ANGELES CO., CAL.—Lodge hall, 2 story and base, brick and steel. Cost not stated. Architect, Paul V. Tuttle Delta Bldg., L. A. Owners, Glendale Masonic Temple Association. The first floor of the building will contain the lobby, ballroom, ladies' and gentlemen's parlors, a large banquet hall and kitchen.

First floor will be arranged for the large room, committee rooms and billiard room. Interior finish will be of pine and hardwood. There will be team leat. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

ALHAMBRA, LOS ANGELES CO., CAL.—City Hall, 2 story and base. Class A construction, \$26,400. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, City of Alhambra. Contractors, Mulder and Harnish, 34 South Rose street, L. A. general construction except heating and plumbing. Contract price, \$26,400. Note: All bids for the plumbing and heating were rejected and new bids are now being called. Figures will be opened on September 20th.

HOSPITALS.

Contracts Awarded.

LOS ANGELES, CAL.—Hospital addition, 3 story, reinforced concrete, \$72,000. Architect, George Low, L. A. Owners, Los Angeles County. Contractor, F. O. Engstrom Co., 5th and Seaton Sts., L. A. general construction, \$60,290. Howe Bros., L. A. plumbing, \$11,118.

HOTELS.

SAN FRANCISCO—Hotel annex, 7 story and base. Class A construction, \$162,000. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owners, William and Mrs. Burbank. The Union Square Hotel now located at the northwest corner of Post and Stockton streets has purchased an additional piece of property in the rear, and will erect an addition to the present building. The new portion will contain in the neighborhood of 150 rooms, nearly doubling the present capacity of the hotel. Construction and architecture will be similar to the old portion of the building. Plans also include a complete remodeling and refinishing of the old building. Working drawings are now being prepared.

SAN FRANCISCO—Hotel, 6 story and base. Class C construction, \$45,000. Architects, O'Brien & Weiner, Foxcroft Bldg., S. F. Owner, Thomas O'Day. This building has been mentioned here before when plans were first out. The building will be erected on the south side of O'Farrell street east of Larkin on a lot 46x90 feet. There will be a store besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 100 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, vacuum cleaning and a hot water supply. Exteriors of the building will be faced with pressed brick. Plans are complete and figures will be called for within a short time.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owners, Bell Development Co. The building will be erected at the corner of 7th and Main streets, covering an area of 131x151 feet. The first floor will contain a number of stores besides the hotel office, lobby and dining room. Upper floors will be divided into 117 guest

rooms, 60 private baths and 6 public baths. Interior finish will be of pine and redwood. Some ornamental plaster and hardwood will be used in the office and dining room. There will be steam heat and elevator service. Hot and cold water will be supplied to all rooms. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

OCEAN BEACH, SAN DIEGO CO., CAL.—Hotel, 6 story and base, reinforced concrete, \$60,000. Architect, Charles Kreugl, Timken Bldg., San Diego. Owner, H. H. Sinnige. The first floor will be arranged for a bath house with large plunge, second floor a large cafe and sun rooms and the third floor will contain the main hotel entrance, office, lobby and parlors. Upper three floors will be arranged for about 100 guest rooms. Construction will be fireproof. Interior finish will be of pine and hardwoods. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete.

Contracts Awarded.

SEATTLE, WASH.—Hotel and stores, 3 story and base, brick and steel, \$125,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. Contractors, Butler Construction Co., Central Bldg., Seattle. Contract price, \$125,000. Note: The general contract includes plumbing, heating, electric work and elevators.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and steel, \$22,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, J. Demozzi, Contractor, H. D. Salvester, Central Bldg., L. A. Contract price, \$22,000.

LIBRARIES.

Contracts Awarded.

RENTON, WASH.—Library, 1 story and base, brick, \$10,000. Architect, H. H. Ginnild, Epler Bldg., Seattle. Owners, City of Renton. Contractors, Eckman & Mowatt, Mutual Life Bldg., Seattle. Contract price, \$10,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO — Horticulture building, frame and steel construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are now out for figures for the general construction of the Horticulture Building, which will be erected in the Exhibit Building Section of the grounds. Bids have already been taken for furnishing and fabricating the structural steel for this building and show Dyer Bros. of San Francisco low at \$44,374. Bids on the general construction will be opened on September 18th. An official proposal appears under the heading of Official Advertising in this issue.

SAN FRANCISCO — Auditorium, 3 story and base. Class A construction, \$1,000,000. Architects, John Galen Howard, John Reid, Jr., and Frederick H. Meyer, associated. Owners, Panama-Pacific International Exposition Co. Bids for the general construction of this building were opened on September 11th by the Buildings and Grounds Committee. The lowest regular bidder

was Lindgren & Co. who bid \$644,630 on Proposition D, which calls for substituting terra cotta for blue Bedford limestone. Commamy-Peterson put in a bid of \$109,300 on the same proposition, but these figures were obviously a mistake and were not considered. On the day following Commamy-Peter-on Co. put in a second bid, which they claim was their original figures on Proposition D, and asked that it be considered. This bid was for \$639,033, and is the low figure. What action will be taken by the Buildings and Grounds Committee has not been determined. A complete list of all bids appears under the heading of San Francisco in this issue.

SAN FRANCISCO — State Exhibit building, frame construction, \$100,000. Architect, A. F. Heide, 223 Spring St., Seattle. Owners, State of Washington. Mr. Heide has been appointed to prepare plans for both buildings at the Panama-Pacific Exposition and at the San Diego Exhibition. The architect will be in San Francisco during the coming week and will negotiate for a large site for the Washington State Buildings.

POST OFFICES.

PASADENA, LOS ANGELES CO., CAL.—Post Office, 2 story and base. Class A construction. Cost not stated. Architect, Oscar Wenderlich, Washington, D. C. Owners, United States Government. Bids opened in the Supervising Architect's office in Washington on September 11th show Eugene Schuler of Wahpeton, North Dakota, low at \$179,000. No action has been taken by the authorities. A complete list of all figures received appears under the heading of Los Angeles and Southern California in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

Contracts Awarded.

SPOKANE, WASH.—Passenger station, 4 story and base. Class A construction, \$650,000. Architect's name not given. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, Grant Smith & Co., Seattle. Contract price, \$650,000.

RESIDENCES.

ALAMEDA, ALAMEDA CO., CAL.—Bungalows, 3, 1 story and base, frame, \$2,500. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, G. Gotslien. These houses will be erected on Haight avenue near Webster street and each has been designed to contain six rooms and bath. All interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. Each living room will have a large open fire place with tile or brick mantel. Bath rooms will have the wainscot. Exterior of the house will be covered with cement plaster on metal lath, rustic and shingles. Plans are complete and in the hands of the owner who is now taking subfigures on the various parts of the work.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, W. C. Perry, 2636 1/2 Dwight Way, Berkeley. Owner, Mr. Hawsen. The dwelling has been designed for a seven-room house with

bath and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living and dining rooms and reception hall. There will be tile wainscoting in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 1/2 story and base, frame, \$3,500. Architect, none. Owner, B. F. Butler, 333 49th St., Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on Oak Grove avenue. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor and all materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, none. Owner, R. W. Mason, 1493 Josephine St., Berkeley. The house will be erected on Bonita avenue, and has been designed to contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the dining room, living room and reception hall. There will be a large open fire place in the living room with a brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect Alvin J. Stern, 1522 Broadway, Oakland. The house has been designed for a seven-room dwelling, and will be erected on Orange street. Interior will be finished in pine and hardwood. There will be a large open fire place in the living room with brick mantel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat. Bath room and kitchen will have tile wainscot. Exterior of house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owner is now purchasing all materials.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$1,500. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Peter Andersson. The house will contain six rooms and bath and will be erected in Colby Park. All interior finish will be of pine with hardwood floors in the principal rooms. There will be an open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Owner is now purchasing all materials.

SAN FRANCISCO—Residences, 2, 2

ory and base, frame, \$3,000 each. Architect, none. Owner, R. J. Button, 212 4th Ave., S. F. These houses are to be erected on the east side of 26th Avenue north of Irving. Each house will contain six rooms and bath. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire places with brick or tile mantels in the living rooms. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, John F. Dougherty and James N. Reid, 754 Lisbon street, S. F. The house has been designed to contain six rooms and bath and will be erected at the northeast corner of Amazon and Lisbon streets. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Karl Kugve, 123 Alpine street, S. F. The house has been designed for a seven-room dwelling with bath and will be erected on Clayton street near Ashbury. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,800. Architect, none. Owner, P. Alget Nelson, 423 19th street, S. F. The dwelling will be erected on the south side of 19th street east of Eureka, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,600. Architect, Rousseau & Rousseau, Mission Bldg., S. F. Owner, W. J. Garlin. The house will be erected on Douglas street north of 17th, and has been designed for a seven-room residence with bath and sleeping porch. Interior finish will be of pine, redwood and elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open

fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are now being taken.

PIEDMONT, ALAMEDA CO., CAL.—Bungalows, 2, 1 story and base, frame, \$2,000 each. Architect, none. Owners, Western Union Home Builders, 1617 Telegraph avenue, Oakland. These houses will contain four rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the two principal rooms. Living rooms will have large open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, William A. Pryal. The house has been designed for an eight-room dwelling with bath and sleeping porch, and will be erected on 53rd street near Claremont. Interior finish will be largely of pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BELVEDERE, MARIN CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. B. Short. The house has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have composition floor and tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and out for figures.

GLENDALE, LOS ANGELES CO., CAL.—Residence, 3 story and base, frame. Cost not stated. Architect, Alfred Priest, Fay Bldg., L. A. Owner, J. A. McMillan. The dwelling will contain twenty rooms and five baths. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in all the principal rooms. Bath rooms will have tile floors and wainscot. There will be a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Several sleeping porches are provided for in the plans. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, P. F. Reed, 2632 21st street, Sacramento. The dwelling will contain six rooms and bath. In-

Some hardwood floors will be used. Interior finish will be of pine throughout. There will be an open fire place with brick or tile mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Robert Powell, 2817 T street, Sacramento. The house will contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the two principal rooms. There will be an open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and frame, \$25,000. Architects, Eager & Eager, Story Bldg., L. A. Owner, J. G. Warren. Contractor, Fred B. Brauer, 2025 Willard Ave. L. A. Contract price, \$25,000.

SCHOOLS.

SAN FERNANDO, LOS ANGELES CO., CAL.—Manual Arts building, 1 story and base, reinforced concrete. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, San Fernando Union High School District. This work was mentioned here when the architects were first commissioned to prepare plans. The building will cover a large ground area and has been designed for one of the most modern manual arts buildings in the west. Construction will be fireproof throughout. Exterior will be faced with cement plaster. Separate bids will be taken for the general construction, heating, plumbing, painting and electric work. Plans are complete and bids will be opened on October 4th.

Contracts Awarded.

LOS ANGELES, CAL.—Orphans home, 1 story and base, reinforced concrete. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Missionary Sisters of the Sacred Heart. Contractor, J. V. McNeil, Citizens' National Bank Bldg., L. A. Contract price not stated. The work has been taken on a percentage basis.

LOS ANGELES, CAL.—Mission school, 2 story and base, brick, \$24,983. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Woman's Board of Home Missions. Contractors, Willard-Sister Co., 211 Santa Fe Ave., L. A. Contract price, \$24,983. Note: This contract does not include painting, plumbing or heating.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick, \$38,000. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Trentwitt & Shields Construction Co., Fresno. Contract price \$38,000.

STORES & OFFICE BUILDINGS

OAKLAND, CAL.—Stores and offices, 2 story and base. Class A construction, \$70,000. Architect, Clay N. Burdick, Albany Bldg., Oakland. Owners,

Morris and Muller, 1610 and Telegraph, Oakland. This building, which is to be erected at the northwest corner of 14th and Jefferson streets, has been mentioned here before. At first plans were prepared for a hotel structure, but these have since been changed and a modern office building will stores on the first floor will be erected. All plans are complete and in the hands of the owners, who will do the work by Day Labor. All contracts will be segregated and figures are now being taken.

SAN FRANCISCO—Stores and lofts, 3 story and base, reinforced concrete, \$150,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Cowell Estate. This building will cover a large area and is to be erected on the Embarcadero. Construction will be practically fireproof. Plans are complete and have been out for figures. Bids on the work will open today, September 17th.

LOS ANGELES, CAL.—Office addition, 6 story and base, reinforced concrete, \$100,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Citizens' Savings Bank of Los Angeles. There is a one-story building on the site and six additional stories arranged for modern offices will be added. Construction will be of reinforced concrete throughout and will be fireproof. Each of the upper stories will contain 16 offices. Interior finish will be of hardwood, marble, tile and metal trim. Metal window sash and frames will be specified. Plans provide for elevator service, steam heat, vacuum cleaning system and mail chutes. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

PRESNO, PRESNO CO., CAL.—Store and offices, 3 story and base, brick and steel, \$25,000. Architect, Eugene Mattewson, Forsythe Bldg., Fresno. Owner, A. D. Green. The building will be erected at the corner of Kern and I street, covering an area of 50x30 feet. There will be two store on the first floor and about 40 modern offices on the upper two floors. Interior finish will be of pine throughout. Plans provide for steam heat. There will be patent store fronts and plate glass display windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Construction, 11 story and base, Class A construction, \$150,000. Architects, J. Martin Haenke and W. J. Doll, Story Bldg., L. A. Owners, Home Bldg. Co. Contractors, Alta Planning Mfg. Co., 820 W. Garry St., L. A. general construction only. Contract price \$150,000.

THEATRES.

SAN FRANCISCO—Theatre, 1 story, frame \$10,000. Architect, W. G. Hind, 16 Kearny St., S. F. Owners, William and Edna Musser. The building designed for a moving picture house, will be erected on Market street near Noe, and will cover an area of 62x118 feet. There will be two store besides the picture show. The play house will have a seating capacity of 300 people. Interior will be finished in pine and ornamental plaster. Exterior of the building will be covered with orna-

mental stucco. Patent store fronts will be used. Plans are complete and out for figures.

SAN FRANCISCO—Theatre, 1 story and base, Class A construction, \$100,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Nellie Harris. The building will be erected on the north side of Broadway west of Grant avenue, and will cover an area of 68 feet 9 inches by 137½ feet. Construction will be fireproof with a complete steel frame and walls of brick and terra cotta. Exterior will be faced with terra cotta and stone. There will be two stores besides the theatre. Interior finish will be of pine and ornamental plaster. A modern system of ventilation will be installed. There will be patent store fronts. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Theatre, 1 story and base, brick and steel, \$35,000. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, H. L. McAllister and J. M. Dublin. The building will be irregular in shape, covering a lot 169x163x36x121 feet. The main auditorium will seat 850 people and will be well ventilated. Besides the theatre there will be five stores. Floors will be of cement. Metal lath and plaster interior partitions will be used and metal window sash and frames. There will be patent store fronts. Interior finish will be of pine and ornamental plaster. Exterior of the building will be faced with cement plaster and figures are now being taken.

LOS ANGELES, CAL.—Picture theatre, 1 story and base, brick, \$15,000. Architect, Lester S. Moore, Auditorium Bldg., L. A. Owners, A. W. and C. S. Lord. The building will be arranged with an auditorium seating 600 people, a completely equipped stage with asbestos curtain and metal window sash and frames. Interior finish will be of pine and ornamental plaster. Considerable art glass will be used. Exterior of the building will be faced with white enameled brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Theatre, 1 story and base, brick and steel, \$30,000. Architect, A. Lawrence Valk, Union Oil Bldg., L. A. Owner, Henry Lamb. Contractor, A. E. Harshman, Story Bldg., L. A. Contract price, \$30,000.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES. CANAL CIRCULAR 796—18thman Canal Commission, Office of the Purchasing Officer, Washington, D. C.—Sealed proposals will be received at this office until 10:30 a. m. October 6, 1913, for furnishing centrifugal pump, valves, piping, hydraulic operating tables, traveling cranes, air compressors, switch board complete, with all electrical instruments and equipment. For further information address E. C. FOGG, major, corps of engineers, U. S. Army, general purchasing officer.

NOTICE TO CONTRACTORS.

STANFORD UNION BUILDINGS.

SEALED PROPOSALS will be received by the undersigned in the offices of the Civil Engineering Building, Stanford University, at 3 P. M., Saturday, September 27, 1913, for the construction of the Stanford Union, the Stanford Woman's Club House and Arcades.

The two buildings are of re-enforced construction, three stories in height, each covering a ground space of approximately 65 by 90 feet. Each proposal must be accompanied by a certified check payable to the order of the undersigned in the sum of ten (10) per cent of the amount of the bid or the same will not be considered. When the award of contract is made, all checks will be mailed to the respective bidders except that filed with the architect or deposited in the bid. This check will be returned upon the successful bidder signing a contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract. The sureties thereon must be satisfactory to the undersigned and to the authorities of the University.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Union. Plans and specifications for this work may be obtained from the undersigned at Room 1215 First National Bank Building, San Francisco, between the hours of 1:00 and 4:30 Saturday, September 13, or at the office of the undersigned to the same at 221 Kingsley Avenue, Palo Alto, at any time thereafter. A deposit of \$20 will be required, which amount will be refunded upon the return of the plans and specifications in good condition. F. H. FOWLER, In Charge of Construction.

PROPOSALS FOR CANAL WORK.

CANAL WORK. Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, at St. Ignatius, Mont., until 3 o'clock p. m. September 30, 1913, for the construction of about 53 miles of canals and laterals, involving the excavation of about 265,000 cubic yards of material. The work lies between 5 and 12 miles southwest from Polson, Mont. For particulars address the United States Reclamation Service, Washington, D. C. Great Falls, Mont. or St. Ignatius, Mont. F. H. NEWELL, director.

PROPOSALS FOR RECORDERS, INDICATORS, ETC.

RECORDERS, INDICATORS, FILTERS AND THERMOMETERS.—Sealed proposals indorsed "Proposals for Flue Gas Recorders, Indicators and Thermometers" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. September 19, 1913, and then will be publicly opened for furnishing and installing 4 multiple CO2 recorders of 4 units each with 14 recording gauges, 14 auxiliary recording gauges, 14 indicators and 14 condensing filters; also 14 recording flue gas thermometers, all in the central power plants, navy yards, Mare Island, Cal., and Puget Sound, Wash. Estimated cost, \$3500. Plans and specifications can be obtained on application to the bureau or to the commandants of the navy yards named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BRIDGE CONSTRUCTION.

STEEL HIGHWAY BRIDGES.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Two Steel Highway Bridges, One the Gila and San Carlos Rivers, San Carlos Indian Reservation, Arizona" and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the office of the undersigned until 2 o'clock p. m. September 22, 1913, for furnishing materials and labor for the erection of two steel highway bridges across the Gila and San Carlos Rivers, San Carlos Indian Reservation, Arizona, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office. The offices of the supervisor of construction, Denver, Colo.; U. S. Indian Warehouses at San Francisco, Cal.; at the San Carlos school; for further information apply to the superintendent of the San Carlos Indian School, San Carlos, Ariz. C. L. SKELLS, commissioner.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

FLATS—3 story and base frame, \$12,500. San Francisco. Architect, Charles J. Rousseau, 46 Kearny St., S. F. Owner's name withheld. The building, which has been designed for an apartment flat structure, will be erected on the north side of Washington street east of Mason, covering an area of 36x137½ feet. Interior has been arranged to contain six flats of from three to five rooms and bath. Interior finish will be of pine with elm panels in the living and dining rooms and halls. Some hardwood floors will be used. There will be open fireplaces and tile mantels. All flats will be equipped with wall beds. Main entrance hall will be finished in the Empire style. Exterior of the building will be covered with cement plaster trimmed with artificial stone. Plans are ready for figures.

GARAGE—1 story and base, brick \$7,500. San Francisco. Architect, Charles J. I. Devlin, Pacific Bldg., S. F. Owner, William Rayhill. The building will be erected on the south side of Haight street west of Steiner, covering an area of 31x134 feet. Construction will be made as near fire proof as possible. Interior partitions will be of metal lath and plaster. Steel roof trusses will be used. A cement floor is specified. Exterior of the building will be faced with tapestry brick. Plans are complete and the work will be done by Day Labor under the direction of the architect.

HOTEL ANNEX—7 story and base. Class A construction, \$162,000. San Francisco. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owners, William and Mrs. Burbank. The Union Square Hotel, now located at the northwest corner of Post and Stockton streets has purchased an additional piece of property at the rear and will erect an addition to the present building. The new portion will contain in the neighborhood of 150 rooms, nearly doubling the present capacity of the hotel. Construction and architecture will be similar to the old portion of the building. Plans also include a complete remodeling and re-finishing of the old building. Working drawings are now being prepared.

THEATRE—1 story frame, \$10,000. San Francisco. Architect, W. G. Hind, 46 Kearny St., S. F. Owner, William and Elias Masser. The building designed for a moving picture house, will be erected on Market street near Nue, and will cover an area of 62x118 feet. There will be a store besides the picture show. The play house will have a seating capacity of 300 people. Interior will be finished in pine and ornamental plaster. Exterior of the building will be covered with ornamental stucco. Patent store fronts will be used. Plans are complete and out for figures.

HORTICULTURE BUILDING—Frame and steel construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are now out for

figures for the general construction of the Horticulture Building, which will be erected in the Exhibit Building Section of the grounds. Bids have already been taken for furnishing and fabricating the structural steel for this building, and show Dyer Bros. of San Francisco low at \$44,374. Bids on the general construction will be opened on September 18th. An official proposal appears under the heading of Official Advertising in this issue.

AUDITORIUM—3 story and base. Class A construction, \$1,000,000. San Francisco. Architects, John Golen Howard, John Reid, Jr., and Frederick H. Meyer, associated. Owners, Panama-Pacific International Exposition Co. Bids for the general construction of this building were opened on September 11th by the Buildings and Grounds Committee. The lowest regular bidder was Lindgren & Co., who bid \$644,630 on Proposition D, which calls for substituting terra cotta for Blue Bedford limestone. Commar-Peterson put in a bid of \$109,300 on the same proposition, but these figures were obviously a mistake and were not considered. On the day following Commar-Peterson Co. put in a second bid, which they claim was their original figures on Proposition D, and asked that it be considered. This bid was for \$639,033 and is the low figure. What action will be taken by the Buildings and Grounds Committee has not been determined. A complete list of all bids appears under the heading of San Francisco in this issue.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. The building will be erected on a 25-foot lot on the east side of Taylor street south of Clay and will contain six modern three room suites. Interior finish will be of pine, elm and blue gum. Hardwood floors will be used in the principal rooms. There will be steam heat. All suites will have wall beds and private bath rooms. A hot water system will be installed. Exterior of the house will be covered with shiplap and rustic. A brick veneer base will be used. Plans are complete and figures are being taken.

APARTMENT HOUSE—1 story and base, brick and steel, \$45,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, M. S. Shaw. This building will be erected on the north side of Du-h street between Hyde and Larkin streets, covering an area of 68 feet 9 inches by 137½ feet. Plans provide for a total of 45 suites of two and three rooms. The design is in the Georgian style, and the main entrance and lobby will also be finished in the same period. Interior trim will be of pine, elm and blue gum. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with red pressed brick trimmed with limestone. Plans are now being prepared and

when complete the work will be done by Day Labor. Mr. Shaw will shortly purchase all materials.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. This building will be erected in the Mission District, and has been designed to contain twelve suites of two and three rooms. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be steam heat and a hot water plant. All suites will have wall beds and private bath rooms. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Preliminary plans only have been prepared.

APARTMENT HOUSE—6 story and base, brick and steel. Cost not stated. Reno, Nevada. Architect, George E. Holworth, 20 Mill street, Reno. Owner, George E. Holworth. The owner has a large corner site which he intends to improve by the construction of a building 70x180 feet. Interior has been arranged for 87 suites of two, three and four rooms. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All suites will be equipped with all beds and will have private bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is now raising funds for construction.

THEATRE—1 story and base. Class A construction, \$40,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Nellie Harris. The building will be erected on the north side of Broadway west of Grant avenue, and will cover an area of 68 feet 9 inches by 137½ feet. Construction will be fireproof with a complete steel frame and walls of brick and terra cotta. Exterior will be faced with terra cotta and stone. There will be two stores besides the theatre. Interior finish will be of pine and ornamental plaster. A modern system of ventilation will be installed. There will be patent store fronts. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, R. J. Button, 1212 4th Ave., S. F. These houses are to be erected on the east side of 26th avenue north of Irving. Each house will contain six rooms and bath. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire places with brick or tile mantels in the living rooms. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, John F. Dougherty and James N. Reid, 754 Lisbon street, S. F. The house has been designed to contain six rooms and bath, and will be erected at the northeast corner of Amazon and Lisbon streets.

Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Karl Kugve, 133 Alpine street, S. F. The house has been designed for a seven-room dwelling with bath and will be erected on Clayton street near Ashbury. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with a large brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,800. San Francisco. Owner, P. Alget Nelson, 4333 19th St., S. F. The dwelling will be erected on the south side of 19th street east of Eureka, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, W. J. Garlin. The house will be erected on Douglas street, north of 11th, and has been designed for a seven-room residence with bath and sleeping porch. Interior finish will be of pine, redwood and elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are now being taken.

GARAGE—1 story and base, Class A construction, \$35,000. San Francisco. Architects, O'Brien Bros., Canine Bldg., S. F. Owner's name withheld. This work has been mentioned here before when the architects were first commissioned to prepare plans. The building will be erected at the corner of 4th and Bryant streets and will cover an area of 25,000 square feet. Construction will be a basement 1 roughout with a complete steel frame, steel roof trusses and metal lath and plaster interior partitions. Floors will be of concrete. The front portion of the building will be occupied by an office and will be finished in pine. Beside the entrance there will be a completely equipped machine shop. Ex-

terior of the building will be faced with pressed brick and terra cotta. Plans are complete and bids will be called for shortly.

GARAGE—1 story and base, reinforced concrete, \$25,000. San Francisco. Architect, C. H. Barrett, 381 Bush St., S. F. Owner, Dr. Cerf, 111 Ellis street. The building will be erected on the north side of Post street west of Jones, and directly opposite the new commercial garage being erected for Mr. Samuels. Construction will be fireproof. Floor will be of concrete and partitions of metal lath and plaster. Metal window sash and frames are to be specified. There will be a main office, storage space and machine shop. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FLATS—2 story and base, frame, \$7,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Broderick street, and has been designed for residential flats, the owner occupying the upper flat. Each flat will contain six rooms and bath. Interior finish will be of pine, blue gum and elm. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot. A large open fire place will be installed in each living room. Mantels will be of brick. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—3 story and base, frame, \$10,200. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owners, Mary and Edward Fox. The building will be erected on the west side of 8th avenue near Clement, covering an area of 25x66 feet. The building has been arranged to contain six flats of four and five rooms each. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will also be used. There will be open fire places and brick or tile mantels. Fiber-tone floors and tile wainscot will be used in the bath rooms. Entrance vestibules will have mosaic floors. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and work will be done by Day Labor. All material is now being purchased.

FLATS—2 story and base, frame, \$6,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Union street near the Presidio, and will contain two modern flats of five and six rooms. The upper flat will be occupied by the owner. Interior finish will be of pine, blue gum and elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire place and brick or tile mantel in each of the living rooms. Bath rooms will have cement floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—3 story and base, frame, \$12,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Washington street east of

Mason. The building has been designed to contain twelve flats of three and four rooms. Interior finish will be of pine with some elm panels. Bath rooms will have cement floors and tile wainscot. There will be open fire places and tile mantels. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are complete and now out for figures.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. This building will be erected in the Mission District for the same owner who is now constructing a three-story frame apartment house from plans by Mr. Clausen. The building will contain two flats of four and five rooms. Interior finish will be of pine and redwood. The wainscot will be used in the bath rooms and kitchens. There will be open fire places and tile mantels. Exterior of the house will be covered with shiplap and rustic. Plans are now being prepared.

HOTEL—6 story and base, Class C construction, \$45,000. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Thomas O'Leary. This building has been mentioned here before when plans were first out. The building will be erected on the south side of O'Farrell street east of Larkin on a lot 46x90 feet. There will be a store besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 100 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, vacuum cleaning and a hot water supply. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for within a short time.

STORES AND LOFTS—3 story and base, reinforced concrete, \$150,000. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Cowell Estate. This building will cover a large area and is to be erected on the Embarcadero. Construction will be practically fireproof. Plans are complete and have been out for figures. Bids on the work will be opened today, September 17th.

STATE EXHIBIT BUILDING—Frame construction, \$100,000. San Francisco. Architect, A. F. Heide, 223 Spring street, Seattle. Owners, State of Washington. Mr. Heide has been appointed to prepare plans for both the buildings at the Panama-Pacific Exposition and at the San Diego Exhibition. The architect will be in San Francisco during the coming week and will negotiate for a large site for the Washington State buildings.

Auditorium Bids Are Made Public.

Lindgren Co. Lowest Regular Bidder, But Exposition Company May Consider Connors-Peterson Co.

Lindgren & Co. presented the lowest regular figure for the general construction of the Exposition Auditorium, bid for which were opened Thursday by the Buildings and Grounds Committee of the Panama-Pacific Exposition Com-

pany. This bid was submitted on Proposition D and calls for an expenditure of \$641,630. Connary-Peterson Co. bidding on the same proposition, submitted a bid of \$109,300 and claim an error and Friday submitted another bid to the committee which they asked be considered. This figure was the lowest received being \$639,023. Whether or not this figure will be considered by the Buildings & Grounds Committee has not been announced.

Bids were taken on the work as follows: Proposition A—A lump sum bid for the building complete as specified, "ie" using Blue Bedford limestone. Proposition B—A lump sum bid for all work as specified except elevator work and stone. Proposition C-1—A lump sum bid for furnishing and setting all stone work as specified with the limestone cut and finished at the Eastern quarries. C-2—A lump sum bid with the stone cut and finished in San Francisco. C-3—A lump sum bid with Colusa Sandstone substituted for Blue Bedford limestone. C-4—A lump sum bid with California granite substituted for Blue Bedford lime-tone. Proposition D A lump sum bid with terra cotta substituted for limestone. Proposition E—A lump sum bid for the the elevator work.

Following is a complete list of all figures submitted:

GENERAL CONSTRUCTION AUDI-

TORIUM.

Proposition A

Connary-Peterson Co.....	\$529,733
Charles Wright.....	814,537
Lindgren & Co.....	697,347
Newsom-Wold & Kohn.....	570,000

Proposition B

Charles Wright.....	\$543,248
Lindgren & Co.....	510,000
Newsom-Wold & Kohn.....	557,000

Proposition C (1)

Lindgren & Co.....	\$177,717
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Proposition C (2)

Lindgren & Co.....	\$250,000
Raymond Granite Co.....	245,000

Proposition C (3)

Charles Wright.....	\$754,537
Lindgren & Co.....	175,000
Raymond Granite Co.....	185,000
McGilvray Stone Co.....	168,450

Proposition C (4)

Charles Wright.....	\$846,537
Lindgren & Co.....	305,000
Raymond Granite Co.....	320,000

Proposition D

Connary-Peterson Co. (sub-	
mitted Sept. 11).....	\$109,300
Connary-Peterson Co. (sub-	
mitted Sept. 12).....	639,033
Charles Wright.....	659,000
Lindgren & Co.....	644,630
Newsom-Wold & Kohn.....	678,180

Proposition E

Van Emon Elevator Co.....	\$11,500
Otis Elevator Co.....	12,332

Building Contracts Awarded

San Francisco.

3265 Ventura.....	Lindberg	1600
3266 Cashman.....	O'Neill	600
3267 Ward.....	Ward	500
3268 Harshbarger.....	Boyer	300
3269 Schmitzer.....	Schmitzer	400
3270 MacArthur.....	MacArthur	2000
3271 Same.....	Same	2000
3272 Same.....	Same	2000
3273 Allred.....	Allred	1650
3274 Same.....	Same	1650
3275 Same.....	Same	1650
3276 Prische.....	Faby	5670
3277 Phelan.....	Sutton	2800

3278 Morse.....	Brady	16734
3279 Young.....	Kessler	4250
3280 Guerrero Rlty.....	Nelson	2000
3281 Same.....	Same	2000
3282 Same.....	Same	2000
3283 Roberts.....	Cox	1200
3284 Manning.....	Burns	1500
3285 Mirassou.....	Andersen	1000
3286 Mirassou.....	Owner	3000
3287 Hill.....	Woodfrey	2000
3288 Gorman.....	Voit	1200
3289 Forrester.....	Parker	1850
3290 Rittore.....	Ferroni	6400
3291 Connihan.....	Connihan	8000
3292 Basco.....	Felma	1200
3293 Collins.....	Nielsen	2700
3294 Kenney.....	Anderson	2900
3295 Infant Shelter.....	Belya	400
3296 Rayhill.....	Rayhill	7500
3297 Y M C.....	Fennell	18671
3298 Same.....	Ward	26510
3299 Same.....	Looney	7150
3300 Same.....	Haus	6410
3301 Same.....	Pac Elev Co	14250
3302 Same.....	McGuigan	1900
3303 Same.....	Clark	16045
3304 Same.....	Central Iron Wks	25400
3305 Same.....	Colusa Sand-tone	2750
3306 Same.....	Clark	1775
3307 Same.....	Elec Con Co	3700
3308 Same.....	Wstn Furnace	2025
3309 Shockley.....	Sunset Con	1470
3310 Rulfs.....	Higginson	11445
3311 Same.....	Glbertson	1500
3312 Same.....	De Croupet	1755
3313 Same.....	Same	905
3314 Anderson.....	Bras	600
3315 Tiedman.....	Rarison	1000
3316 Monson.....	Monson	1900
3317 Lynch.....	Lynch	800
3318 Valente.....	Valente	500
3319 Pulmeri.....	Caragatto	500
3320 Fudge.....	Albertson	450
3321 Calif Barrel.....	Brutcher	400
3322 Azata.....	Agata	400
3323 Farren.....	Kolinson	800
3324 Pavlin.....	Marionni	2700
3325 Categrary.....	New Era	4700
3326 Rayhill.....	Lohb	2547
3327 Pratt.....	Stockholm	19046
3328 Same.....	Fennell	6870
3329 Same.....	Conlin	815
3330 Same.....	Otis Elev	4350
3331 Same.....	Ahlbach	960
3332 Same.....	Sutton	4218
3333 Same.....	Pac Elev Co	1775
3334 Stolz.....	Horstmeier	2900
3335 Button.....	Button	2900
3336 Newcombe.....	Hawcroft	1900
3337 Button.....	Button	2900
3338 Cahn.....	McPherson	2000
3339 Muller.....	Stroth	2375
3340 Smith.....	Welsh	3000
3341 Wagner.....	Christian	1225
3342 White.....	Kenn	700
3343 Dougherty.....	Dougherty	1985
3344 Brusher.....	Stiefel	2800
3345 Miro.....	Ostero	1800
3346 Coffmeyer.....	ichter	1500
3347 Buck.....	Sigwald	700
3348 Sommers.....	Jacks	1200
3349 Conlin.....	Markley	700
3350 Yngve.....	Yngve	3000
3351 Nelson.....	Nelson	2900
3352 Erickson.....	Erickson	1500
3353 Nolan.....	Nolan	1500
3354 Mirassou.....	Anderson	3380
3355 Van Ness Rlty.....	Gen Elec	2150
3356 Same.....	Connell	7600
3357 Same.....	Rector System	1000
3358 1st Federal Trust.....	Forbes	1370
3359 Thelsen.....	Chittenden	1800
3360 Higgins.....	Higgins	1700
3361 Scott.....	Hayes	1000
3362 Anderson.....	Federal	1000
3363 Gorman.....	Wolf	1500
3364 Knuter.....	Novelly	500
3365 Same.....	Same	400
3366 Schmidt.....	Schmidt	400
3367 Monz.....	Monz	600
3368 Sweeney.....	Diestet	500
3369 Brown.....	Elm	500
3370 Permaini.....	Rafanelli	400
3371 Fox.....	Evans	10200
3372 Pfe.....	Rector	2110
3373 O'Brien.....	Hendrix	2000
3374 Westgate.....	Bartlett	488
3375 Roberts.....	Conrad	14500
3376 Same.....	Snook	1773

(3264) NE CALIFORNIA & ELLICK	
Lane E 60XN 77-6. All work ex-	
cept heating, electric wiring, paint-	
ing, gas and electric fixtures wall	
beds, art glass, finish hardware,	
grading, cement and brick work for	
three-story and basement frame	
apartments.	
Owner.....	Ludwig Bliess, 4 Kearny,
	San Francisco.
Architect.....	Jos. Cahen, 45 Kearny,
	San Francisco.

Contractor.....	Michael Dempnick, 1315
	3rd Ave., San Francisco.
Filed Sept. 5 '13. Dated Sept. 3 '13.	
Frame up.....	\$1500 00
Brown coated.....	4574 25
Enclosed & standing trim on.....	2374 25
Completed and accepted.....	4324 25
Usual 35 days.....	4324 25
	TOTAL COST, \$17,297 00
Bond, \$8650. Surety, Fidelity & De-	
posit Co. of Maryland. Limit, 90 days.	
Forfeit, \$10. Bonus, \$10. Plans and	
specifications filed.	
(3265) SW GORHAM 226 SE San Jose.	
One-story and basement frame dwlg.	
Owner.....	T. Ventura, 64 Joost Ave.,
	San Francisco.
Architect.....	None.
Contractor.....	Lindberg Bros, 257 Surrey
	San Francisco.
	COST, \$1600
(3266) NO. 184 FOURTH. Erect area	
wall.	
Owner.....	Cashman Estate, 21 Scott,
	San Francisco.
Architect.....	None.
Contractor.....	Daniel O'Neill, 278 Natoma
	San Francisco.
	COST, \$600
(3267) E TWENTY-THIRD AVE 200	
N Kirkham. One-story and base-	
ment frame dwelling.	
Owner.....	Edwin and R Ward, 1462
	23rd Ave., San Francisco.
Architect.....	None.
Day's work.....	COST, \$500
(3268) NO. 1235 SEVENTEENTH	
Ave. Minor repairs to dwelling.	
Owner.....	S. C. Harshbarger, Prem.
Architect.....	None.
Contractor.....	Boyer & Sons, 2407 Cali-
	fornia, San Francisco.
	COST, \$300
(3269) NO. 2006 KEITH. Enlarge	
Kitchen and add two rooms.	
Owner.....	Mrs. E. Schmitzer, Prem.
Architect.....	None.
Day's work.....	COST, \$400
(3270) S JUDAH 65 W Tenth Ave.	
One and one-half-story frame dwlg.	
Owner.....	MacArthur Bros., 1560 Fell
	San Francisco.
Architect.....	None.
Day's work.....	COST, \$2000
(3271) S JUDAH 115 W Tenth Ave.	
One and one-half-story frame dwlg.	
Owner.....	MacArthur Bros., 1560 Fell
	San Francisco.
Architect.....	None.
Day's work.....	COST, \$2000
(3272) S JUDAH 90 W Tenth Ave.	
One and one-half-story frame dwlg.	
Owner.....	MacArthur Bros., 1560 Fell
	San Francisco.
Architect.....	None.
Day's work.....	COST, \$2000
(3273) E OTSEGO 142 N Ocean Ave.	
One-story and basement frame dwlg.	
Owner.....	C. S. Allred, 120 Onondago
	Ave., San Francisco.
Architect.....	None.
Day's work.....	COST, \$1650
(3274) E OTSEGO 192 N Ocean Ave.	
One-story and basement frame dwlg.	
Owner.....	C. S. Allred, 120 Onondago
	Ave., San Francisco.
Architect.....	None.
Day's work.....	COST, \$1650

(3275) E OTSEGO 142 N Ocean Ave.
One-story and basement frame dwlg.
Owner.....C. S. Allred, 120 Onondago
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1650

(3276) STILLMAN S 85 E Third — 28-9
S 75 W 28-9 N 75. All work except
gas fixtures, mantels, shades, plumbing,
painting and finish hardware
(furnished by owner) for three-story
and basement frame (3) flats.
Owner.....Minnie Frische, 74-A Still-
man, San Francisco.
Architect...None.
Contractor..Richard Fahy, 518 Noe,
San Francisco.

Filed Sept. 6, '13. Dated Sept. 6, '13.
Frame up & roof boards on.....\$1417.50
Brown coated.....1417.50
Completed and accepted.....1417.50
Usual 35 days.....1417.50
TOTAL COST, \$5670.00
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(3277) W FOURTH AND JESSIE NW
75xSW 75. Steam heating system,
installation and domestic hot water
supply system for eight-story and
basement Class "C" building.
Owner.....Mary L. Phelan.
Architect...Wm. Curlett & Son, Phe-
lan Bldg., San Francisco.
Contractor..John G. Sutton Co., 243
Minnna, San Francisco.

Filed Sept. 6, '13. Dated Sept. 3, '13.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$2800
Bond, \$1400. Surety, Maryland Casu-
alty Co. Limit, as required. Forfeit,
none. Plans and specifications filed.

(3278) SE POLK AND AUSTIN S 60
E 38-S N 7-11 E 81-4 N 52-1 W 120.
All work for one-story and basement
brick building.
Owner.....Frances P. Morse, Care of
Architect.
Architect...Albert Pissis, Flood Bldg.,
San Francisco.
Contractor..M. V. Brady, Monadnock
Bldg., San Francisco.

Filed Sept. 6, '13. Dated Sept. 4, '13.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$16,734
Bond, \$3367. Sureties, H. D. Nichols
and Chas. A. Carlon. Limit, 70 days.
Forfeit, \$25. Plans and specifications,
none.

(3279) S NORTH POINT 112-6 E Polk
25x137. All work except cement,
foundation, mantels, gas and electric
fixtures, window shades and
finish hardware for two-story and
basement frame flats.
Owner.....Konrad Yung, North Point,
and Polk, San Francisco.
Architect...None.
Contractor..B. Kessler, 840 Filbert,
San Francisco.

Filed Sept. 6, '13. Dated Sept. 4, '13.
Frame up.....\$1093.75
Brown coated.....1093.75
Completed and accepted.....1093.75
Usual 35 days.....1093.75
TOTAL COST, \$4275.00
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(3280) E NINTH AVE 75 S Ortega.
One and one-half-story and base-

ment frame residence.
Owner.....Guerrero Realty Co., 2565
Market, San Francisco.
Architect...None.
Contractor..Emil Nelson, 580 Jersey,
San Francisco.
COST, \$2000

(3281) E NINTH AVE 25 S Ortega.
One and one-half-story and base-
ment frame residence.
Owner.....Guerrero Realty Co., 2565
Market, San Francisco.
Architect...None.
Contractor..Emil Nelson, 580 Jersey,
San Francisco.
COST, \$2000

(3282) E NINTH AVE 50 S Ortega.
One and one-half-story and base-
ment frame residence.
Owner.....Guerrero Realty Co., 2565
Market, San Francisco.
Architect...None.
Contractor..Emil Nelson, 580 Jersey,
San Francisco.
COST, \$2000

(3283) E BELVEDERE 75 S Par-
nassus. One-story frame garage.
Owner.....Dr. H. P. Roberts, 31 Par-
nassus Ave., S. F.
Architect...None.
Contractor..Cox Bros., 1215 15th Ave.,
S. F.
COST, \$400

(3284) W RAIL ROAD AVE 25 S
Quesada. Raise roof and add five
rooms.
Owner.....Wm. Manning, Premises.
Architect...None.
Contractor..J. M. Burns, 101 Thornton
Ave., San Francisco.
COST, \$1400

(3285) S TWENTY-SECOND 67 E
Shotwell (rear). General repairs to
dwelling.
Owner.....J. P. Mirassou, 3031 22nd,
San Francisco.
Architect...G. A. Berger, 138 Octavia,
San Francisco.
Contractor..Gustave Andersen, 2330
24th, San Francisco.
COST, \$1000

(3286) S TWENTY-SECOND 67 E
Shotwell. Add one-story frame and
repair stairs.
Owner.....J. P. Mirassou, 3031 22nd,
San Francisco.
Architect...G. A. Berger, 138 Octavia,
San Francisco.
Day's work. COST, \$3000

(3287) N ARMY 265 W Church. One-
story and basement frame residence.
Owner.....Joseph E. Hill, 510 Eliza-
beth, San Francisco.
Architect...None.
Contractor..John E. Woolfrey, 3168
21st, San Francisco.
COST, \$2000

(3288) S TWENTY-SEVENTH 270 W
Sanchez. One-story and basement
frame dwelling.
Owner.....Felix Gorman, 302 Cole-
ridge, San Francisco.
Architect...None.
Contractor..J. Wolf, 1369 12th Ave.,
San Francisco.
COST, \$1200

(3289) N ANZA 80-5 E Twenty-third
Ave. One-story and basement frame
residence

Owner.....E. R. Forrester, 141 Sutter,
San Francisco.
Architect...None.
Contractor..G. Parker, 141 Sutter, S. F.
COST, \$1850

(3290) S GREENWICH 157-6 W Grant
Ave. Two-story and basement frame
(4) flats.
Owner.....Mrs. M. Rittore.
Architect...Paul J. Capurro, 1844
Powell, San Francisco.
Contractor..G. Ferroni & Sons, 3045
Octavia, San Francisco.
COST, \$6400

(3291) SE SEVENTEENTH & UTAH.
Three-story frame store and five
apartments.
Owner.....Miss J. Counihan, 1801
18th, San Francisco.
Architect...Herbert B. Maggs.
Day's work. COST, \$8000

(3292) S FRANCISCO 30 E Jones.
Two-story and basement frame (2)
flats.
Owner.....Anunzia Basso, 679 Fran-
cisco, San Francisco.
Architect...L. Traverso, 854 Union,
San Francisco.
Contractor..G. Palma, 1900 San Jose
Ave., San Francisco.
COST, \$2500

(3293) S RICHLAND AVE 300 W Mis-
sion. Two-story and basement frame
residence.
Owner.....Clarence Collins, 23rd bet.
Bryant and York, S. F.
Architect...None.
Contractor..Jacob F. Nielsen, 2350
Bryant, San Francisco.
COST, \$2500

(3294) N CALIFORNIA 80 W 16th Ave.
One and one-half-story and base-
ment frame dwelling.
Owner.....M. L. Kenney, 31 Sharon,
San Francisco.
Architect...None.
Contractor..Chas. G. Anderson, 3942
29th, San Francisco.
COST, \$2900

(3295) NO. 1025 SHOTWELL. Extend
front and minor repairs.
Owner.....Infant Shelter, Premises.
Architect...Oliver Evensvett, 1940
Webster, San Francisco.
Contractor..Wm. Belyea, 756 Golden
Gate Ave., San Francisco.
COST, \$400

(3296) S HAIGHT 199-9 W Steiner.
One-story and basement brick garage
Owner.....Wm. Rayhill, 627 Haight,
San Francisco.
Architect...Chas. J. Devlin, 737 Pacific
Bldg, San Francisco.
Day's work. COST, \$7500

(3297) N OAK 157-6 W Van Ness Ave
W 89-9 N 120 E 68-9 S 40 E 21 S 80.
Excavating, pumping, reinforced con-
crete, granite curb, terra cotta, etc.,
for four-story steel and reinforced
concrete club building.
Owner.....Young Men's Institute Hall
Association, 52 Sanchez,
San Francisco.
Architect...W. D. Shea, 244 Kearny,
San Francisco.
Contractor..Fennell & Wand, 185 Jessie
San Francisco.
Filed Sept. 8, '13. Dated Aug. 25, '13.
On 1st and 15th of each month 75%

Usual 35 days..... 25%
 TOTAL COST, \$18,674
 Bond, \$36,505.50. Surety, Illinois Surety Co. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.

(3298) CARPENTER, MILL, LUMBER, hardwood floors, glass, glazing, hardware, roofing, damp proofing, mantle tile, gas logs, mantels, etc., on above. Contractor..Ward & Goodwin, 110 Jessie, San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$26,543
 Bond, \$19,908.75. Surety, Illinois Surety Co. Limit, 200 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3299) SEWERING, PLUMBING, GAS fitting, etc., on above.

Contractor..The J. Looney Co., 77 City Hall Ave., San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.
 Payments same as above.....

TOTAL COST, \$7150
 Bond, \$5363. Surety, Equitable Surety Co. Limit, 200 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3300) ORNAMENTAL IRON, METAL stairways, elevator grills and car balconies, vault doors, ladders, wire work and fire escapes on above.

Contractor..A. Haus, 425 Potrero Ave., San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.
 Payments same as above.....

TOTAL COST, \$6410
 Bond, \$4807.50. Surety, Illinois Surety Co. Limit, 200 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3301) HEATING & VENTILATING Apparatus on above.

Contractor..The Pacific Blower & Heating Co., Monadnock Bldg., San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.
 Payments same as above.....

TOTAL COST, \$14,250
 Bond, \$10,687.50. Surety, Illinois Surety Co. Limit, 200 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3302) WATER PROOF SIDE WALK doors, simplex side walk lights on above.

Contractor..John McGulgan & Co., 280 7th, San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.
 Payments same as above.....

TOTAL COST, \$1030
 Bond, none. Limit, 120 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3303) MATT ENAMELED GLAZED architectural terra cotta, including polychrome work on above.

Contractor..N. Clark & Son, 116 Natoma, San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.
 Payments same as above.....

TOTAL COST, \$16,000
 Bond, none. Limit, 90 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3304) FURNISHING, ERECTING & painting structural steel work on above.

Contractor..Central Iron Works, 631 Florida, San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.

Payments same as above.....

TOTAL COST, \$25,400
 Bond, none. Limit, 90 days after Sept. 1. Forfeit, \$10. Plans and specifications filed.

(3305) GRANITE WORK ON ABOVE. Contractor..Colusa Sandstone Co., Division & Potrero Ave., San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.

Payments same as above.....

TOTAL COST, \$2750
 Bond, none. Limit, 60 days after Sept. 8. Forfeit, \$10. Plans and specifications filed.

(3306) METAL FURRING AND PARTITIONS, lathing, plain and moulded and ornamental plaster, cementing, etc., on above.

Contractor..Martin H. Carrick.

Filed Sept. 8, '13. Dated Aug. 25, '13.

Payments same as above.....

TOTAL COST, \$19,500

Bond, \$14,625. Surety, Illinois Surety Co. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

(3307) ELECTRIC WIRING AND conduit work, telephone wiring, etc., on above.

Contractor..The Elec. Constr. Co.

Filed Sept. 8, '13. Dated Aug. 25, '13.

Payments same as above.....

TOTAL COST, \$3750
 Bond, \$2775. Surety, Illinois Surety Co. Limit, 200 days after Aug. 18. Forfeit, \$10. Plans and specifications filed.

(3308) SHEET METAL, METAL frames and shades, skylight ventilators on above.

Contractor..The Western Furnace & Cornice Co., 1645 Howard, San Francisco.

Filed Sept. 8, '13. Dated Aug. 25, '13.

Payments same as above.....

TOTAL COST, \$2025
 Bond, \$1518.75. Surety, Illinois Surety Co. Limit, 120 days after Aug. 28. Forfeit, \$10. Plans and specifications filed.

(3309) S ½ KIRKHAM from center of 21st Ave to 22nd Ave: Grading

Owner.....Wm. H. Shockley.

Architect...None.

Contractor..Sunset Constr. Co., Lick Bldg., San Francisco.

Filed Sept. 8, '13. Dated Sept. 5, '13.

60 days after completion..... 50%
 Within 60 days after 1st payment..... 50%

TOTAL COST, \$1450
 Bond, \$750. Surety, National Surety Co. Limit, none. Forfeit, none. Plans and specifications, none.

(3310) SE PINE & LEAVENWORTH E 37-68 S 7-6. Lumber, mill, casing work, roof, stairs, lath, plaster, metal corner beads, ornamental plaster, rough hardware, glass Keweenaw bar or equal show windows for four-story and basement brick apartment building.

Owner.....Theo. E. Ruff, Colorado Apartments, S. F.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Contractor..Hirginson & Co., 8 Falcon Ave., San Francisco.

Filed Sept. 8, '13. Dated Sept. 6, '13.

3rd story joists in.....\$1430.50
 Ready for roof.....1430.50

Brown coated..... 2861.00

Completed and accepted..... 2861.00

Usual 35 days..... 2862.00
 TOTAL COST, \$11,445.00

Bond, \$5723. Surety, Fidelity & Deposit Co. Limit, 110 days after Sept. 8. Forfeit, none. Plans and specifications filed.

(3311) BRICK WORK, FLUES IN brick walls, pressed brick work on front, underpinning wall in flight well, cementing all window sills in sides and court on above.

Contractor..Gilbertson & John, 2154 Hayes, San Francisco.

Filed Sept. 8, '13. Dated Sept. 6, '13.

Ready for 2nd story joists.....\$1185
 Ready for 4th story joists.....1200

Completed and accepted..... 1200
 Usual 35 days..... 1200

TOTAL COST, \$4745
 Bond, \$2500. Surety, Aetna Accident & Liability Co. Limit, soon as possible. Forfeit, none. Plans and specifications filed.

(3312) STEEL AND IRON WORK ON above.

Contractor..De Croupet & Hyrup, 1124 Polom, San Francisco.

Filed Sept. 8, '13. Dated Sept. 6, '13.

Steel delivered and set to 1st story joists.....\$598

Finished and accepted..... 598
 Usual 35 days..... 599

TOTAL COST, \$1795
 Bond, \$897.50. Surety, Southwestern Surety & Ins. Co. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

(3313) FIRE ESCAPES, ELEVATOR grill, door grills and grill work on above.

Contractor..De Croupet & Hyrup, 1124 Polom, San Francisco.

Filed Sept. 8, '13. Dated Sept. 6, '13.

Fire escapes completed.....\$300
 Grill and elevator grill work completed..... 300

Usual 35 days..... 305
 TOTAL COST, \$905

Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3314) NO. 709 MARKET. Alter and repair cafe.

Owner.....H. P. Anderson, Premises.

Architect...None.

Contractor..Braas Kuhn Co., 58 Dearborn, San Francisco.

COST, \$700

(3315) SW GOUGH AND McALLISTER. Erect brick wall.

Owner.....Teedman Invest. Co., Prem.

Architect...None.

Contractor..C. D. Rankin, 724 Gough, San Francisco.

COST, \$400

(3316) E TWENTY-FOURTH AVE 73 S California. Two-story and basement frame dwelling

Owner.....F. Monson, 865 Church, San Francisco.

Architect...None.

Day's work..... COST, \$1900

(3317) N CORBETT 175 W Corblin Pl One and one-half-story and basement frame dwelling

Owner.....John Lynch, 231 Corbett Ave., San Francisco.

Architect...None.

Day's work..... COST, \$800

(3318) SE BEACH AND LARKIN.
Erect retaining wall.
Owner.....G. B. Valente, 360 Fell,
San Francisco.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Day's work. COST, \$500

(3319) NO. 953 UNION. Excavate and
underpin foundation.
Owner.....A. Pablieri, Premises.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Contractor...Caragetto & Co.
COST, \$500

(3320) NO. 1447 REVERE AVE. Alter
and add to dwelling.
Owner.....M. E. Putzge, Premises.
Architect...None.
Contractor...A. Alberts, 1660 R R Ave.,
San Francisco.
COST, \$560

(3321) NO. 228 ILLINOIS. Shingle
front and rear.
Owner.....California Barrel Co., Prem
Architect...None.
Contractor...Brutcher & Serna, 110
Jessie, San Francisco.
COST, \$400

(3322) S NAPLES 200 E France. One-
story and basement frame dwlg.
Owner.....A. D. Agata, 555 Chestnut,
San Francisco.
Architect...None.
Day's work. COST, \$400

(3323) NO. 316 FIRST. Repair fire
damages.
Owner.....Miss M. Farren, Palo Alto.
Architect...None.
Contractor...Robinson & Gillespie,
1051 Sutter, San Francisco.
COST, \$450

(3324) SE MONTGOMERY AND GREEN
E 77-6XS 40. Carpenter, glazing,
electrical work, mosaic tiling, roofing
tinning, and plaster for three-story
and basement frame apartment flat
building.
Owner.....C. Favilla, 1523 Jackson,
San Francisco.
Architect...Righetti & Headman, Phe-
lian Bldg., San Francisco.
Contractor...G. Mariconi.
Filed Sept. 10, '13. Dated Sept. 8, '13.
Frame up and building roofed....\$2100
Enclosed and brown coated.... 2100
Completed and accepted..... 2100
Usual 35 days..... 2100
TOTAL COST, \$8400

Bond, \$4200. Sureties, R. Petri and
Jaustina Berli. Limit, 100 days. For-
feit, 100 days. Forfeit, none. Plans
and specifications filed.

(3325) E SILVER AVE, bet Mission
and Graut, Lot 11 Blk 4, College Hq
Ass'n. All work except concrete, ex-
cavating, waterproofing, side walls and
terrazzo and mosaic work for two-
story frame store and flat.
Owner.....E. Calegari.
Architect...None.
Contractor...New Era Bldg. Co., Inc.,
1493 Guerrero, S. F.
Filed Sept. 10, '13. Dated Sept. 6, '13.
Rough frame up and roof sheath-
ing on\$675
Enclosed and 1st coat plaster on 675
Completed and accepted..... 675
Usual 35 days..... 675
TOTAL COST, \$2700
Bond, \$1350. Sureties, Louis J. Roberts

and June B. Woolfrey. Limit, 75 days.
Forfeit, none. Plans and specifications
filed.

(3326) S HAIGHT, bet Pierce and
Steiner. All work for one-story brick
garage.
Owner.....Wm. Rayhill, 627 Haight,
San Francisco.
Architect...None.
Contractor...Frank Lobb.
Filed Sept. 10, '13. Dated Sept. 8, '13.
Building completed and all bills
for labor and material paid....\$2347
TOTAL COST, \$2347

Bond, none. Limit, as diligently as
possible. Forfeit, none. Plans and
specifications, none.

(3327) W HOWARD AND SPEAR NW
137-6XS 68-9. Carpenter, steel,
mill, hardware, plaster, painting, etc.
for four-story brick store and loft
building.

Owner.....Orville C. Pratt Jr., Flood
Bldg., San Francisco.
Architect...Bakewell & Brown, 251
Kearny, San Francisco.
Contractor...Stockholm & Allyn, Mo-
nadnock Bldg., S. F.

Filed Sept. 10, '13. Dated Aug. 29, '13.
2nd tier beams set and floors
laid\$4000 50
Roof set and roof sheathing
set and partitions completed 5142 00
Completed and accepted.... 5142 00
Usual 35 days..... 4761 50
TOTAL COST, \$19,046 00

Bond, \$9523. Surety, Massachusetts
Bonding & Insurance Co. Limit, 36
days after fire wall sufficiently com-
pleted. Forfeit, \$20. Plans and speci-
fications filed.

(3328) BRICK WORK ON ABOVE.
Contractor...Jas. S. Pennell, 180 Jessie
San Francisco.

Filed Sept. 10, '13. Dated Sept. 3, '13.
Brick work up to 2nd story
joists\$1659 25
Fire walls topped out.... 3400 00
Completed and accepted.... 100 00
Usual 35 days..... 1719 75
TOTAL COST, \$6879 00

Bond, \$3400. Surety, Massachusetts
Bonding & Insurance Co. Limit, 30
days after ready for same. Forfeit,
\$20. Plans and specifications filed.

(3329) SHEET METAL WORK ON
above.

Contractor...Conlin & Roberts, 44 Na-
toma, San Francisco.
Filed Sept. 10, '13. Dated Sept. 8, '13.
Completed and accepted....\$611 25
Usual 35 days..... 203 75
TOTAL COST, \$815 00

Bond, \$467.50. Surety, Aetna Acci-
dent & Liability Co. Limit, 36 days
after fire walls completed. Forfeit, \$5.
Plans and specifications filed.

(3330) TWO ELECTRIC FREIGHT
elevators and two side walk eleva-
tors on above.
Contractor...Otis Elevator Co., Beach &
Stockton, San Francisco.

Filed Sept. 10, '13. Dated Sept. 3, '13.
Machinery in\$2175 00
Completed and accepted.... 1087 50
Usual 35 days..... 1087 50
TOTAL COST, \$1350 00

Bond, \$2175. Surety, National Surety
Co. Limit, 36 days after fire walls
completed. Forfeit, \$10. Plans and
specifications filed.

(3331) PLUMBING ON ABOVE.

Contractor...Ahlbach & Mayer, 75 Dor-
land, San Francisco.
Filed Sept. 10, '13. Dated Sept. 3, '13.
Roughed in\$480
Completed and accepted..... 240
Usual 35 days..... 240
TOTAL COST, \$960

Bond, \$480. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 36 days
after fire walls completed. Forfeit, \$5.
Plans and specifications filed.

(3332) AUTOMATIC SPRINKLER
system on above.
Contractor...John G. Sutton Co., 243
Minna, San Francisco.

Filed Sept. 10, '13. Dated Aug. 29, '13.
Piping installed\$1000 00
Gravity tank installed..... 1000 00
Completed and accepted..... 1383 50
Usual 35 days..... 1129 50
TOTAL COST, \$4518 00

Bond, \$2259. Surety, Pacific Coast
Casualty Co. Limit, 36 days after fire
walls completed. Forfeit, \$20. Plans
and specifications filed.

(3333) ELECTRIC WIRING ON
above.

Contractor...Pacific Fire Extinguisher
Co., 507 Montgomery, S. F.
Filed Sept. 10, '13. Dated Sept. 2, '13.
Roughing in completed.....\$250 25
Completed and accepted..... 331 00
Usual 35 days..... 193 75
TOTAL COST, \$775 00

Bond, \$387.50. Sureties, W. S. and
Burt L. Davis. Limit, 36 days after
fire walls completed. Forfeit, \$5.
Plans and specifications filed.

(3334) NO. 4137 EIGHTEENTH. Alter
and enlarge store.
Owner.....A. Stoltz, Premises.
Architect...None.
Contractor...Wm. Horstmeyer & Co., 39
Eureka, San Francisco.
COST, \$2900

(3335) E TWENTY-SIXTH AVE 50 N
Irving. Two-story and basement
frame residence.
Owner.....R. J. Button, 1212 4th Ave
San Francisco.
Architect...None.
Day's work. COST, \$2900

(3336) E TWENTIETH AVE 275 N
Clement. One and one-half-story
and basement frame dwelling.
Owner.....C. A. Newcombe, 1085
Church, San Francisco.
Architect...None.
Contractor...Chas. R. Hawcroft, 1410
Rhode Island, S. F.
COST, \$1900

(3337) E TWENTY-SIXTH AVE 75 N
Irving. Two-story and basement
frame residence.
Owner.....R. J. Button, 1212 4th Ave.
San Francisco.
Architect...None.
Day's work. COST, \$2900

(3338) E ELEVENTH AVE 200 N
Lawton. Two-story and basement
frame residence.
Owner.....E. G. Cahn, 270 5th Ave,
San Francisco.
Architect...L. Fortney, 21st Ave and
Ulloa, San Francisco.
Contractor...H. W. McPherson, 2475
27th Ave., San Francisco.
COST, \$2600



MODERN NEW SCHOOL BUILDING
Piedmont, Alameda Co., Cal.

Irwin Schaefer, Architect
Oakland



NEW HOTEL STRUCTURE FOR MRS. BARBARA STREIT
Oakland, Cal.

William Wilde, Architect
Oakland

(3339) 8 FOURTEENTH 120 E Howard. One-story and basement frame residence.

Owner.....W. Muller, 463 14th, S. F.
Architect...None.
Contractor...E. C. Stroth, 447 14th, S. F.

COST, \$2375

(3340) W TWENTIETH AVE 275 S California. Two-story and basement frame dwelling.

Owner.....T. W. Smith, 245 20th Ave. San Francisco.
Architect...None.
Contractor...James Welsh, 244 20th Ave San Francisco.

COST, \$3000

(3341) NO. 103 SCOTT. Alter residence into (2) flats, add to rear and terrazzo steps, etc.

Owner.....Michael Wagner, Premises.
Architect...None.
Contractor...T. Christian, 520 Haight, San Francisco.

COST, \$1325

(3342) NO. 2626 CALIFORNIA. Complete construction and erection of 1-story frame studio.

Owner.....Marian E. White, Premises
Architect...C. C. Dakin, 263 Market, San Francisco.
Contractor...L. A. Kern, 3646 17th, S. F.

COST, \$1700

(3343) NE AMAZON 25-1 1/2 N Lisbon. Two-story and basement frame dwlg.

Owner.....John F. Dougherty & Jas. N. Reid, 754 Lisbon, S. F.
Architect...None.
Day's work.

COST, \$1955

(3344) W EIGHTH AVE 175 S Cabrillo. Two-story and basement frame residence.

Owner.....J. J. Brushner, 620 2nd Ave. San Francisco.
Architect...None.
Contractor...John V. Stiefel, 633 Anza, San Francisco.

COST, \$3500

(3345) W PAUL AVE 50 S Grau. One-story and basement frame dwelling.

Owner.....Leonie Miro, 1850 Thomas Ave., San Francisco.
Architect...None.
Contractor...M. Osterero, 1887 Palou Ave., San Francisco.

COST, \$1800

(3346) NO. 43 MOSS. Alter flats.

Owner.....Margaret Hofmeyer, 63 Moss, San Francisco.
Architect...None.
Contractor...Emil Ichter, 407 8th Ave., S. F.

COST, \$1500

(3347) NO. 2004 GOUGH. Add one room and new tar and gravel roof.

Owner.....J. A. Buck, Premises.
Architect...None.
Contractor...J. W. Sigwald, 2222 Fillmore, San Francisco.

COST, \$700

(3348) W EIGHTEENTH 120 N Fulton. General repairs to residence.

Owner.....F. Sommers, NW Fulton and 18th Ave., S. F.
Architect...None.
Contractor...Henry Jacks, 180 Jessie, San Francisco.

COST, \$1200

(3349) NO. 212 LONDON. General repairs to residence.

Owner.....Margaret Conlin, Premises.
Architect...None.
Contractor...Arthur Markley, 329 Valley S. F.

COST, \$700

(3350) E CLAYTON 250 N Ashbury. Two-story and basement frame dwlg.

Owner.....Karl Yngve, 133 Alpine Terrace, San Francisco.
Architect...None.
Day's work.

COST, \$3000

(3351) S NINETEENTH 37-2 E Eureka. Two-story and basement frame residence.

Owner.....P. Algot Nelson, 4333 19th, San Francisco.
Architect...None.
Day's work.

COST, \$2800

(3352) E FORTY-SIXTH AVE 175 N Moraga. Two-story and basement frame dwelling.

Owner.....E. T. Erickson, 1666 46th Ave., San Francisco.
Architect...None.
Day's work.

COST, \$1500

(3353) NW FIFTEENTH AND UTAH. Alter and repair factory.

Owner.....Tamm & Nolan, Potrero Ave., San Francisco.
Architect...Leo J. Devlin, 731 Pacific Bldg., San Francisco.

Day's work. COST, \$1500

(3354) S TWENTY-SECOND 67 E Shotwell E 29-3xS 95. All work except painting for alterations to rear building and erection of two-story frame store and flat.

Owner.....J. P. Mirassou, 3021 22nd, San Francisco.
Architect...G. A. Berger, 138 Octavia, San Francisco.

Contractor...Gustave Anderson, 2330 24th, San Francisco.

Filed Sept. 11, '13. Dated Sept. 10, '13. Foundations and roof of rear building done and rough frame of new flat up.....\$845

Rough plaster and rough plumbing in new flat..... 845
Completed and accepted..... 845
Usual 35 days..... 845

TOTAL COST, \$3280

Bond, \$1690. Surety, Fidelity & Deposit Co. of Maryland. Limit, 75 days.

Forfeit, \$10. Plans and specifications filed.

(3355) NW GEARY AND VAN NESS Ave N 275xW 157-6. Electrical work for two-story Class "C" building (auto show rooms and store).

Owner.....Van Ness Realty Co.
Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...General Elec. Constr. Co., 223 Minna, San Francisco.

Filed Sept. 11, '13. Dated Aug. 11, '13. Payments monthly of..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3150

Bond, \$1575. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days.

Forfeit none. Plans and specifications none

(3356) DAMP PROOFING, LATHING, plastering and cementing on above.

Contractor...J. E. Connell, 352 Diamond San Francisco.
Filed Sept. 11, '13. Dated Aug. 15, '13. Payments same as above.....

TOTAL COST, \$7600

Bond, \$3800. Surety, Fidelity & De-

posit Co. of Maryland. Limit, 60 days.

Forfeit, none. Plans and specifications none.

(3357) HEATING SYSTEM ON ABOVE

Contractor...Rector System Gas Heating Co., 331 Sutter, S. F.
Filed Sept. 11, '13. Dated Aug. 7, '13.

Payments same as above.....

TOTAL COST, \$1000

Bond, \$500. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days.

Forfeit, none. Plans and specifications none.

(3358) NW POST & MONTGOMERY

Alteration to Montgomery street retaining wall of First National Bank Building.

Owner.....The First Federal Trust Co., Premises.
Architect...Willis Polk & Co., Mer-

Contractor...Stanquist & Forbes, 185 Jessie, San Francisco.
chant's Exchange Bldg., San Francisco.

Filed Sept. 11, '13. Dated Sept. 10, '13. On 15th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1370

Bond, \$700. Sureties, D. J. Sullivan and Geo. W. Cram. Limit, Oct. 10, '13.

Forfeit, \$10. Plans and specifications filed.

(3359) S PERSIA 25 W Madrid. One and one-half-story and basement frame dwelling.

Owner.....Louis Theisen, 310 Persia Ave., San Francisco.
Architect...None.

Contractor...W. H. Chittenden, 11 Flood Ave., San Francisco.

COST, \$1800

(3360) NO. 1306 SCHRADER. Add 3 rooms.

Owner.....M. C. Higgins, Premises.
Architect...A. Martin, 272 Lee Ave., San Francisco.

Day's work. COST, \$1500

(3361) SW MISSION AND MARY. New front, mezzanine floor and alter partitions.

Owner.....Scott & Van Arsdale Co., 813 Crocker Bldg., S. F.
Architect...Edw. T. Foulkes, 1118 Crocker Bldg., S. F.

Contractor...W. W. Hayes, 180 Jessie, San Francisco.

COST, \$1000

(3362) N O'FARRELL, bet S'ockton and Powell. Erect three electric signs.

Owner.....G. M. Anderson Theatrical Co., Premises.
Architect...None.

Contractor...Federal Sign System Co., 237 8th, San Francisco.

COST, \$1000

(3363) S TWENTY-SEVENTH 270 W Sanchez. One-story and basement frame dwelling.

Owner.....Felix Gorman, 302 California, San Francisco.
Architect...None.
Contractor...J. Wolf, 1369 12th Ave., San Francisco.

COST, \$1500

(3364) N McALLISTER 125 E Leavenworth. Electric sign.

Owner.....Knuter-Graves Co., Prem.

Architect...None.

Contractor...Novelty Elec. Sign Co.,

165 Eddy, San Francisco.
COST, \$500

(3365) N McAllister 125 E Leavenworth. Electric sign.
Owner.....Knuter-Grav's Co., Prem.
Architect...None.
Contractor...Novelty Elec. Sign. Co.,
165 Eddy, San Francisco.

COST, \$400

(3366) W ELLSWORTH 75 N Powhattan. One-story and basement frame dwelling.
Owner.....J. C. Schmidt, 16 Ellsworth, San Francisco.
Architect...None.
Day's work.....COST, \$1000

(3367) S NEY 125 E Condon. One-story and basement frame dwelling.
Owner.....G. M. Monz, 310 Guerrero, San Francisco.
Architect...None.
Day's work.....COST, \$600

(3368) NO. 2038 MISSION. Alter front, enlarge office and concrete floor.
Owner.....A. H. Sweeney, 3059 16th, San Francisco.
Architect...None.
Contractor...John Diestel, 2246 Mission, San Francisco.
COST, \$500

(3369) NOS. 202-204 SANSOME. General repairs to office.
Owner.....Edward Brown & Sons, Premises.
Architect...None.
Contractor...S. Eligh, 47 Octavia, S. F.
COST, \$500

(3370) W CAPITOL 100 S Broad. One-story frame store.
Owner.....Nando Fermanini.
Architect...None.
Contractor...Albert Rafanelli, 133 Montana, San Francisco.
COST, \$400

(3371) W EIGHTH AVE 175 S Clement S 25xW 120. All work for three-story & basement frame apartments.
Owner.....May and Ed. Fox, 257 7th Ave., San Francisco.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...O. E. Evans, 2367 Mission, San Francisco.
Filed Sept. 12, '13. Dated Sept. 6, '13.
Rafters on\$1500
Brown coated1500
Completed and accepted.....1500
Usual 35 days.....1500
Balance, \$4200, in installments at not less than \$100 per month, interest 7%.....
TOTAL COST, \$10,200
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3372) NOS. 279 to 297 FIRST AVE S line Cor. California. Install Rector system of heating in apartment bldg.
Owner.....Ellen A. Fife, 401 Lake, San Francisco.
Architect...None.
Contractor...Rector System Gas Heating Co., 334 Sutter, S. F., San Francisco.
Filed Sept. 12, '13. Dated Aug. 26, '13.
Radiators set and in running order\$1000
30 days from this date.....500
60 days from this date.....500
90 days from this date.....410

TOTAL COST, \$2410
Bond, limit, forfeit, none. Plans and specifications, none.

(3373) S BUSH 137-6 W Powell 46x 137-6. Painting, staining, varnish, tinting, dampproofing, wall papering for live-story and basement apartment building.
Owner.....Walter J. O'Brien, 2425 Larkin, San Francisco.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...P. F. Hendricks, 451 19th Ave., San Francisco.
Filed Sept. 12, '13. Dated Sept. 11, '13.
Building primed\$500
Walls ready for papering.....500
Completed and accepted.....500
Usual 35 days.....500
TOTAL COST, \$2000
Bond, none. Limit, 40 days. Forfeit, none. Specifications only filed.

(3374) LOT 6 BLK 11 St. Francis Wood. All work for two-story frame residence.
Owner.....Westgate Park Co.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., S. F.
Contractor...John M. Bartlett, Call Bldg., San Francisco.
Filed Sept. 12, '13. Dated Sept. 10, '13.
Frame up and roof board on.....\$1221.50
Rough plaster on.....1221.50
Completed and accepted.....1221.50
Usual 35 days.....1221.50
TOTAL COST, \$4886.00
Bond, \$2443. Surety, Southwestern Surety Ins. Co. Limit, 70 days. Forfeit, \$2. Plans and specifications filed.

(3375) S CALIFORNIA 137-6 E Broderick E 27-6xS 137-6. All work except plumbing, heating, window shades, wall beds and light fixtures for three-story and basement frame apartments.
Owner.....W. P. Roberts, 2847 California, San Francisco.
Architect...McDougall Bros., 353 Russ Bldg., San Francisco.
Contractor...Henry Conrad, 2854 Pine, San Francisco.
Filed Sept. 12, '13. Dated Sept. 3, '13.
Frame up\$2000
Window frames set, etc., brown coated2500
Standing finish in2750
Completed and accepted.....3625
Usual 35 days.....3625
TOTAL COST, \$14,500
Bond, \$7250. Sureties, A. G. Creyer and Paolo Parente. Limit, Dec. 30, 1913. Forfeit, \$10. Plans and specifications filed.

(3376) GAS FITTING, PLUMBING & piping for water heating on above.
Contractor...Fred W. Snook & Co., 596 Clay, San Francisco.
Filed Sept. 12, '13. Dated Sept. 3, '13.
Roughed in\$664.00
Completed and accepted.....665.75
Usual 35 days.....413.25
TOTAL COST, \$1773.00
Bond, \$886.50. Surety, Aetna Accident & Liability Co. Limit, as required. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES

San Francisco.

Sept. 2, 1913—SE HYDE & BEACH S 35 E 137-6 N 35 W to beg. Milton S Eisner to L A Rose....Aug. 29, 1913

Sept. 2, 1913—E BAKER 55 N McAllister N 50xNE 96-10 1/2. Owen McHugh to Henry Jacks....Aug. 23, 1913
Sept. 2, 1913—S LOMBARD 110-6 W Baker. Giulio Fassia to P PrassoAug. 30, 1913
Aug. 29, 1913—NE POPE, 50 SE Morse — 25xNE 120 Lot 32 Blk 5 Syndicate's 1st Addition. Felix & Pilar Castaneda.....Aug. 30, 1913
Sept. 3, 1913—S GRAFTON 75 W Golden State over to 125 ft. West. No. 429 Grafton Ave. John and Charlotte Leffler to Keller & CraneAug. 30, 1913
Sept. 3, 1913—SW RUSSIA AVE 100 NW Athens NW 25xSW 100 Blk 62 Excel Hd. Ass'n. Siegmund H Friedrichs to whom it may concernSept. 1, 1913
Sept. 3, 1913—W NINTH AVE 100 N Clement N 75xW 120. E Ghinley to whom it may concern.....Sept. 1, 1913
Sept. 3, 1913—W HYDE 60 N Green 40 x60. C W Hansen and Halvor Jacobsen to C W Hansen & Halvor JacobsenSept. 2, 1913
Sept. 3, 1913—NW VAN NESS AVE & Oak W 157-6 N 80 W 21 N 40 E 178-6 to W line Van Ness Ave 120 to beg. Masonic Temple Ass'n to Stockholm & Allyn.....Aug. 28, 1913
Sept. 3, 1913—SE RUSSIA AVE 100 NW Athens NW 25xSW 100 Blk 62 Excel Hd. Ass'n. Siegmund H Friedrichs to whom it may concernSept. 3, 1913
Sept. 3, 1913—SE TOWNSEND 89 SW Second SW 50xSE 125. Warehouse Investment Co to A Lynch & Woods S Huddart.....March 20, 1912
Sept. 3, 1913—N GREEN 65-6 E Leavenworth The George A Bos Co to Farrell & Reed.....Sept. 3, 1913
Sept. 2, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 extg on E and W sides 137-6. The Insurance Exchange Inc to McCell Elec. Co.....Aug. 30, 1913
Sept. 2, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to California Elec Constr Co, Aug. 29, '13; Wm F Wilson Co.,Aug. 29, 1913
Sept. 2, 1913—SW WASHINGTON & Front W 68-9xS 60. Joseph Estate Co to John E Beck.....Aug. 30, 1913
Sept. 2, 1913—W GRANT AVE 84 S Union 29x65. L Ravanti to G Mariconi.....Sept. 2, 1913
Sept. 2, 1913—S IRVING 32-6 W 26th Ave 25x100. M Francesconi to Farnocchia Petri & Co.Aug. 29, 1913
Sept. 4, 1913—SW SANSOME AND Sutter W 69-8 1/2 S 69-7 E 85-10 1/2 N 19-4 1/2. Albert Meyer and Isaac Liebes to Ralston Iron Works.....
.....Sept. 2, 1913
Sept. 4, 1913—NO LOCATION GIVEN Ernest O W Hellman to whom it may concern.....Aug. 27, 1913
Sept. 2, 1913—S CLEMENT 100 E 16th Ave E 25xS 100. Anna Smith to whom it may concern.....
.....Completed —
Sept. 3, 1913—S CALIFORNIA 80 E Hyde E 28-9xS 137-6. John V Campbell to whom it may concernSept. 2, 1913
Sept. 3, 1913—SE ELLIS & STEINER S 87-6xSE 68-9. Isabelle D Pool to E W Elliot.....Aug. 29, 1913
Sept. 3, 1913—SW HARRISON & 21ST Ford Motor Co by Clinton Fireproof Co of Cal. to Murray & Mowbray..

- Sept. 3, 1913—E BOCANA AVE 125 S Cortland Ave S 25x E 102-6 Lot 4Sept. 3, 1913
- Joseph M Furnanz to Gust Carlson Bldg 6 Fair Sub Holly Park Tract, Sept. 4, 1913—S BROADWAY 57-6 E Bartol Place 40x57-6. N Capurro to J Blanchini & Co., Sept. 3, 1913
- Sept. 4, 1913—S PACIFIC AVE 150 W Fillmore W 25xS 137-6. Henry Eisenberg to A Davis, Sept. 2, 1913
- Sept. 4, 1913—W GUERRERO 28 N 17th. William Jacobs to John J. Binet Co., Sept. 4, 1913
- Sept. 5, 1913—W BAKER 112 S Lombard S 25m on W Baker. Fletcher Baker to whom it may concern,Aug. 30, 1913
- Sept. 5, 1913—W DRUM 59-1 S Washington W 75xS 32-6. Malcolm Jacobs & Burtt to A M Wallen,Aug. 27, 1913
- Sept. 5, 1913—SE CALIFORNIA AND Leidesdorff fronting on N California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to Simonds Machinery Co., Sept. 4, 1913
- Sept. 5, 1913—SE MARKET AND Eckert. Crocker Estate Co to L & E Emanuel Inc., Sept. 4, 1913
- Sept. 5, 1913—N WASHINGTON 142 W Taylor 93x62-6. Frank L and Lewis C Hunter to Marcus Marcusen,Sept. 5, 1913
- Sept. 5, 1913—NE TURK & LARKIN N 80 E 50 N 0-6 E 29-2 S 80-6 W 79-2. F A Meyer to Beach & Heffernan,Sept. 3, 1913
- Sept. 6, 1913—NE VAN NESS AVE & Oak W 157-6 N 80 W 21 N 40 E 178-6 — 120 to beg. Masonic Temple Ass'n of Cal. by Edward Peabody Secretary to D Zellinsky, Sept. 3, 1913
- Sept. 6, 1913—SW THIRD 225 SE Folsom SE 50xSW 160. Nathan Kamp to J I Mitrovich Bldg Co.,Sept. 4, 1913
- Sept. 6, 1913—SE SIXTH & MINNA E 100 S 75 W 25 N 50 W 75 N 25. Lange Investment Co to Brandon & Lawson,Sept. 5, 1913
- Sept. 6, 1913—W THIRTY-SECOND Ave 565 N California N 5 N on Curved line 31-2½ W 113-9½ S 35 E 120 Lot 64 Lyon & Hoag's Sub Bakers Beach Land Co. John T. Murphy to Kronnick Bros.,Sept. 5, 1913
- Sept. 6, 1913—SE MARKET 100-0½ NE Seventh NE 50-0½ SE 165 SW 50-0½ NW 165. J D Phelan to J Looney Co., Sept. 1, 1913
- Sept. 6, 1913—S TWENTY-SIXTH 125 E Valencia 30 feet front 25 feet rear x 105 feet deep. Joseph Lagomarsino to G Carraro,Sept. 5, 1913
- Sept. 8, 1913—W 23.26 FT. LOT 49 and E 11.61 feet Lot 50 measured along NE line West Clay on Map of West Clay Park. Boston Inv Co to whom it may concern, Sept. 2, 1913
- Sept. 8, 1913—N BUSH 137-6 E Dupont N 115 W 27-6 N 22-6 E 27-6 N 70 E 58-9 S 70 E 20 S 137-6 W 78-9. Macdonough Estate Co to Central Iron Works,Sept. 5, 1913
- Sept. 8, 1913—NW VAN NESS AVE and Oak W 157-6 N 80 W 21 N 40 E 178-6 to N Van Ness Ave — 120. Masonic Temple Ass'n. of Calif to American Marble & Mosaic Co., Sept. 5; Beach-Robinson Co.,Sept. 5, 1913
- Sept. 8, 1913—NE GEARY & JONES E 62-6xN 77-6. The S & G Gump Realty Co to Ira W Coburn Inc.,Aug. 23, 1913
- Sept. 8, 1913—S SEVENTEENTH 145 W Mission W 26-6x100. The First Norwegian and Danish Methodist Episcopal Church to Thos Ekoos,Sept. 2, 1913
- Sept. 8, 1913—SW SIXTH and 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to California Artistic Metal & Wire Co.,Sept. 5, 1913
- Sept. 8, 1913—S MARKET 265 SW Brady SW — SE 124 NE 23 NW 124. Carmel Fallon to P Montague,Sept. 4, 1913
- Sept. 8, 1913—E MASON 84 N Eddy N 25x E 65-9. Joseph N Kowalsky to Central Iron Works,Aug. 4, 1913
- Sept. 10, 1913—E EIGHTEENTH AVE 285 N California N 50x E 120; E 23rd Ave 150 N California N 50x E 120. Mary Foster to O C Holt, Sept. 6, 1913
- Sept. 10, 1913—S CLAY 142-6 W Hyde W 32xS 137-6. Wm W and Grace Yager to whom it may concern,Sept. 10, 1913
- Sept. 10, 1913—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57. Crocker Hotel Co to Clinton Fireproofing Co.,Sept. 4, 1913
- Sept. 10, 1913—W HYDE 65 N Sacramento W 27x77-6. Metropolis Inv Co to whom it may concern,Sept. 8, 1913
- Sept. 10, 1913—LOT 257 Gift Map No. 1. Patrick F McHugh to whom it may concern,Sept. 8, 1913
- Sept. 10, 1913—NE SEVENTEENTH and Hampshire E 200xN 133-4. Lux School of Industrial Training to Sartorius Co.,Sept. 6, 1913
- Sept. 10, 1913—NW PACIFIC AND Taylor N 48xW 68-6. Edward and Mary A McKeever to A Sarraile,Sept. 10, 1913
- Sept. 10, 1913—W HYDE 38 N Sacramento N 27x77-6. Metropolis Investment Co, cpn to whom it may concern,Sept. 8, 1913
- Sept. 11, 1913—E TWENTY-FOURTH Ave 225 S Lincoln Way (H) S 25x E 120. C W Hanna to William C Hammerton & Son,Sept. 2, 1913
- Sept. 11, 1913—S LOMBARD 206-3 E Powell E 20xS 65-9. Carlo Piodi to C Rosina & Co.,Sept. 10, 1913
- Sept. 11, 1913—THIRD 100. 711. Martin Tovaraz to Pink & Schindler,Sept. 8, 1913
- Sept. 13, 1913—S KIRKHAM 57-6 E 10th Ave E 25xS 100. Minnie Thompson to A Klahn & Son,Sept. 11, 1913
- W 175xN 137-6 E to W Taylor S 137-6. J B Ayres vs W J Jones and Chas Lubbe as Jones & Lubbe and California Steel Monolithic Co,\$1000
- Sept. 3, 1913—W GRANT AV (Dupont) 97-6 N Pacific N 40xW 72; N Pacific 68-9 W Grant Ave W 32-9 N 65-6 E 20 N 72 E 9-6 S 95-6 E 3-3. Palace Hardware Co vs Lucie Marchebout and Geo W Boston,\$108.57
- Sept. 3, 1913—W GRANT AVE 97-6 N Pacific N 40xW 72. D Zellinsky vs Geo W Boston and Lucie Marchebout,\$500
- Sept. 3, 1913—W GRANT AVE 97-6 N Pacific N 40xW 72. Simpton Bros. vs Stanquist & Taylor and Geo W Boston and Lucie Marchebout,\$129
- Sept. 4, 1913—W GRANT AVE 137-6 S Broadway W 81-6xS 40. Henry Cowell Lime & Cement Co vs Stanquist & Taylor and Lucie Marchebout,\$57.33
- Sept. 5, 1913—W GRANT AVE 97-6 N Pacific N 40xW 72. Stanquist & Taylor vs Geo W Boston and Lucie Marchebout,\$1600
- Sept. 4, 1913—S BROADWAY 56-2½ W Kearny W 51-8½xS 77-6. A Rossi & Co vs Jos E O'Donnell & G Courado,\$400
- Sept. 5, 1913—SW CLAY & FILLMORE S 25xW 100. G and M Sheet Metal Works vs Gordon & Levin, Co-partnership. John Doe Gordon and Richard Roe Levin and L A Rose,\$117.20
- Sept. 6, 1913—NW SACRAMENTO & Powell N 52xW 91-6. Butte Eng & Elec Co vs Clay M. Wm. Frances M Greene and Ursula Green Sawyer,\$1281.70
- Sept. 6, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. T P Jarvis as T P Jarvis Crude Oil Burner Co vs R D McElroy and Hoffman & Meuser,\$462.50
- Sept. 8, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. Plant Rubber & Supply Co Cpn vs R D McElroy, Hoffman & Meuser (H M Hoffman and W L Meuser),\$231.68
- Sept. 11, 1913—E DOLORES 76 S 21st S 25x E 90. Builders' Supply Depot vs Annie M Conniff and O B Hedstrom,\$655
- Sept. 11, 1913—N JESSIE 75 E 6th. Friedman Bros vs A H Herbert,\$75
- Sept. 11, 1913—E DOLORES 76 S 21st S 25x E 90. Hart-Wood Lumber Co vs Annie M Conniff and O B Hedstrom,\$585.66

LIENS FILED

SAN FRANCISCO COUNTY.

- Aug. 30, 1913—W GRANT AVE., 97-6 N Pacific, N 40xW 72. Haupman Lumber Co., \$987.61; Stanquist & Taylor, \$141.36 vs Geo. W. Baxter and Lucie Marchebout,Sept. 2, 1913
- Sept. 2, 1913—NE CALIFORNIA & Van Ness Ave N 142-2½ E 137-6 S 4-8½ W 37-6 S 137-6 W 100. Santa Cruz Portland Cement Co., \$1925.83; Standard Portland Cement Crpn., \$178.50 vs Peterson-Rupp Co., H C Pendleton, W F Cordes, Bradbury Estate Inv Co., Royal Invest Co.,Sept. 3, 1913
- Sept. 3, 1913—W GRANT AVE 97-6 N Pacific N 40xW 72. Schwarz & Gottlieb Inc vs G W Boyton & Luce Marchebout,\$152
- Sept. 3, 1913—NW BUSH & TAYLOR

OAKLAND AND ALAMEDA COUNTY.

BUNGALOWS—3, 1 story and base, frame, \$2,500. Alameda, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, G. Gotschen. These houses will be erected on Haight avenue near Webster street, and each has been designed to contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. Each living room will have a large open fire place with tile or brick mantel. Bath rooms will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath, rustic and shingles. Plans are complete and in the hands of the owner who is now

taking subfigures on the various parts of the work.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, W. C. Perry, 2636½ Dwight Way, Berkeley. Owner, Mr. Hawen. The building has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living and dining rooms, and reception hall. There will be tile wainscoting in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW—1½ story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, B. F. Butler, 333 49th street, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on Oak Grove avenue. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have a composition floor and tile wainscot. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor and all materials are now being purchased.

BUNGALOW—1 story and base, frame, \$2,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, R. W. Mason, 1493 Josephine St., Berkeley. The house will be erected on Bonita avenue and has been designed to contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the dining room, living room and reception hall. There will be a large open fire place in the living room with a brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, C. B. Coit, 1522 Broadway, Oakland. The house has been designed for a seven-room dwelling and will be erected on Orange street. Interior will be finished in pine and hardwood. There will be a large open fire place in the living room with brick mantel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owner is now purchasing all materials.

BUNGALOW—1 story and base, frame, \$1,500. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Peter Anderson. The house will contain six rooms and bath

and will be erected in Colby Park. All interior finish will be of pine with hardwood floors in the principal rooms. There will be an open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Owner is now purchasing all materials.

STORES AND OFFICES—9 story and base. Class A construction, \$150,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris and Muller, 16th and Telegraph, Oakland. This building, which is to be erected at the northwest corner of 14th and Jefferson streets, has been mentioned here before. At first plans are prepared for a hotel structure, but these have since been changed and a modern office building with stores on the first floor will be erected. All plans are complete and in the hands of the owners who will do the work by Day Labor. All contracts will be segregated and figures are now being taken.

BUNGALOWS—2, 1 story and base, frame, \$2,000 each. Piedmont, Alameda Co., Cal. Architect, none. Owners, Western Union Home Builders, 1617 Telegraph avenue, Oakland. These houses will contain four rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the two principal rooms. Living rooms will have large open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, William A. Pryal. The house has been designed for a eight-room dwelling with bath and sleeping porch, and will be erected on 59th street near Claremont. Interior finish will be largely of pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

GARAGE AND SALES ROOMS—1 story and base, brick. Cost not stated. Oakland, Cal. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Brook and Broadway, covering a considerable area. Foundations and walls have been designed heavy enough to support additional stories. Front portion of the building will be handsomely finished in pine, hardwood and tile and will be used as a sales room. Rear part will contain the shipping rooms and repair shop. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are now out for figures.

Building Contracts Awarded

Oakland.

2628	Jones	Doane	2800
2629	Merchant	Chubbick	550
2630	McAlister	Owner	1700
2631	Elsworth	Potter	490
2632	Smith	Dewey	400
2633	Russe	Benis	500
2631	Leeflang	Leeflang	400
2637	Brett	Brett	2000
2638	Kunneis	Johanson	4250
2639	Ba	Blug&Loon	750
2640	Graham	Klahn	5430
2641	Powell	Bacaus	17205
2642	First Trust	Spencer	1020
2643	Same	Pierce	4700
2644	Same	Fuller	3725
2645	Same	Cal Art Mtl	22337
2646	Same	Bird	3550
2647	Same	Amer Marble	24450
2648	Same	Clinton Pflng	35000
2649	Same	Otis Elev	10500
2650	Same	Conlin	4387
2651	Same	McGillivray	35387
2652	Same	Pacific Fire	4713
2653	Same	Newbery	4500
2654	Same	Henderson	27650
2655	Same	Bateman	6100
2656	Same	Maudrell	3250
2657	Same	Mowat	19100
2658	Same	Snook	13822
2659	Same	Otis	4950
2660	Oakland Hotel	Howden	10975
2661	Same	Natl Lath	5550
2662	Same	Mangan	1500
2663	Same	Mowat	9420
2664	Same	Pac Mfg Co	10307
2665	Same	Rudgear	4215
2666	Coit	Coit	3500
2667	Baker	Baker	1500
2668	Rasmussen	Helstrom	2000
2669	Batcheler	Batcheler	400
2670	Joslin	Joslin	400
2671	Bullick	Bullick	200
2672	Hick	Mowat	500
2673	Ellis	Muller	1190
2676	Douglas	Parker	2800
2678	Bishoff	Bishoff	3329
2679	Neary	Neary	2500
2680	Anderson	Freestrow	700
2681	Langtry	Langtry	500
2682	Butler	Butler	3500
2686	Troy	Troy	5000
2688	Schutt	Chambers	2500
2689	Roberts	Roberts	2000
2690	United Hm Bldrs	Owner	1900
2691	Same	Same	1900
2692	Same	Same	1900
2693	Coward	Coward	2400
2694	Morgenson	Owner	2500
2695	Carson	Kronk	3000
2696	Brown	Brown	2500
2697	Hennessey	Hennessey	2500
2698	Abrahamson	Owner	900
2699	S P Co	Hansen	1400
2700	Evans	Doss	2200
2701	Ryan	Jones	2500
2702	Woods	Griffin	3000
2703	Boltz	Dremer	1000
2704	Coit A.	Parquharson	118400
2705	Powell	Hogberg	7775
2706	Dana	Grant	5386
2707	Roberts	Roberts	1800
2708	Same	Same	2000
2709	Same	Same	1800
2710	Covalt	Hamblen	2990
2711	Walker	Flitner	1975
2712	Bacher	Boedeker	750
2713	Eaton	Anderson	1500
2714	Lovely	Lovely	2475
2715	Weil	Weil	1800
2716	Desler	Desler	400
2717	Western Un Hm.	Owner	1400
2721	United Hm Bldrs	Owner	1600

(2628) W CROSBY AVE 300 S Harper, Oakland. One and one-half-story 7-room dwelling.
Owner.....J. J. Jones, Modesto, Cal.
Architect.....None.
Contractor.....C. A. Doane, 662 31st, Okd.
COST, \$2500

(2629) NO. 1247 EIGHTY-FOURTH Ave., Oakland. Addition.
owner.....Mrs. Eva Merchant, Prem.
Architect.....None.
Contractor.....Mr. Chubbick, Oakland.
COST, \$550

(2630) S EIGHTH 75 W Madison, Oakland. Two-story 6-room flats.

Owner.....Mrs. McAlister, 155 8th.
Oakland.
Architect...None.
Day's work..... COST, \$1700

(2631) NO. 405 ADAMS. Oakland.
Alterations.
Owner.....H. G. Elsworth, Premises.
Architect...None.
Contractor...Geo. R. Potter, 19 Rand-
wick Ave., Oakland.
COST, \$400

(2632) NO. 3620 MIDVALE. Oakland.
Addition.
Owner.....Mary Smith, Premise.
Architect...None.
Contractor...W. A. Dewey, 3323 Elm,
Oakland. COST, \$400

(2633) NO. 338 FILBERT. Oakland.
Alterations.
Owner.....Vita Russe, Premises.
Architect...None.
Contractor...Rio Benissmi, 5250 Royd
Ave., Oakland. COST, \$500

(2634) NO. 2140 VERBENG. Oakland.
Alterations.
Owner.....J. Leeflang, Premises.
Architect...None.
Day's work..... COST, \$400

(2637) E CRESCENT 100 W Santa
Clara Ave., Oakland. One and one-
half-story 6-room dwelling.
Owner.....J. A. Brett, 727 59th, Okd.
Architect...None.
Day's work..... COST, \$3000

(2640) LOGS 29 AND 30 Drexler Tet
W Telegraph Ave 60 N 55th N 50xW
100, Oakland. All work for two-story
stores and flats.
Owner.....Laura B. and Gladys E.
Graham, Ontario, Canada.
Architect...None.
Contractor...A. Klahn & Son, 27 Chen-
ery, San Francisco.

Filed Sept. 6 '13. Dated Aug. 15, '13.
Frame up \$1250
Brown coated 1000
White coat plastering completed
and exterior finish completed..... 900
Completed and accepted..... 900
Usual 35 days..... 1250
TOTAL COST, \$5150
Bond, none. Limit, 100 days. Forfeit,
\$1. Plans and specifications filed.

(2641) NE WEBSTER AND 13TH E
100xN 30, Oakland. Carpentry, defen-
ding, damp-proofing, mill work,
stairs, sash, doors, rough hardware,
composition floors, etc., for seven-
story hotel.
Owner.....H. A. Powell, Oakland.
Architect...F. D. Voorhees, Central
Bank Bldg., Oakland.
Contractor...Bacuss & Kennedy, 951
Rose Ave., Oakland.
Filed Sept. 6, '13. Dated Sept. 3, '13.
1st day of each month..... 75¢
Usual 35 days..... 25¢
TOTAL COST, \$17,205
Bond, \$8602.50. Surety, Southwestern
Surety Ins. Co. Limit, rough work 10
days and balance 20 days. Forfeit, \$25.
Plans and specifications filed.

(2642) SE SIXTEENTH AND SAN
Pablo Ave NE 18x65 SE 80.10 SW
26.12 SW 75.19 N 67.46, Oakland.
Vacuum cleaning system for eleven-
story Class "A" bank and office bldg.
Owner.....First Trust & Savings

Bank of Oakland (P. J.
Walker Co., Agent), 1st
National Bank Bldg., Okd.
Architect...L. B. Dutton Co., Chronicle
Bldg., San Francisco.

Contractor...Spencer Turbine Cleaner
Co., Spreckels Bldg., S. F.
Filed Sept. 6, '13. Dated Sept. 5, '13.
Completed and accepted..... 75¢
36 days after..... 25¢
TOTAL COST, \$1020
Bond, \$510. Surety, Royal Indemnity
Co. Limit, as soon as possible. For-
feit, none. Plans and specifications
filed.

(2643) FINISH HARDWARE ON
above.
Contractor...Pierce Hardware Co., 1210
Broadway, Oakland.
Filed Sept. 6, '13. Dated Sept. 5, '13.
Incorporated in building..... 75¢
Usual 35 days..... 25¢
TOTAL COST, \$4700
Bond, \$2350. Surety, Southwestern
Surety Ins. Co. Limit, Dec. 10. Forfeit,
none. Plans and specifications filed.

(2644) GLAZING ON ABOVE.
Contractor...W. P. Fuller & Co., 301
Mission, San Francisco.
Filed Sept. 6, '13. Dated Sept. 3, '13.
Semi monthly 75¢
36 days after..... 25¢
TOTAL COST, \$3725
Bond, \$1863. Sureties, Geo. P. Fuller
and B. P. Lillenthal. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(2645) ORNAMENTAL METAL ON
above.
Contractor...California Artistic Metal
& Wire Co., 319 7th, S. F.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Semi monthly 75¢
36 days after..... 25¢
TOTAL COST, \$22,337
Bond, \$11,169. Surety, National Surety
Co. Limit, as soon as possible. For-
feit, none. Plans and specifications filed.

(2646) LIGHTING FIXTURES ON
above.
Contractor...Bird-Rymer Co., 332 14th,
Oakland.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Payments same as above.....
TOTAL COST, \$3550
Bond, \$1775. Surety, Southwestern
Surety Ins. Co. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(2647) MARBLE WORK ON ABOVE.
Contractor...American Marble & Mosaic
Co., 25 Columbia Sq., S. F.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Payments same as above.....
TOTAL COST, \$23,450
Bond, \$11,725. Surety, Southwestern
Surety Ins. Co. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(2648) CONCRETE WORK, FIRE-
proofing, except column footings and
pedestals, grouting cast iron bases
and concrete retaining around same,
all dwarf walls below underside
basement floor and street retaining
walls on 16th street and San Pablo
Ave., returns from curb to building
line, street repair work and all ce-
ment plastering on exterior street
retaining walls on above.
Contractor...Clinton Fireproofing Co.,
Mutual Bank Bldg S. F.
Filed Sept. 6, '13. Dated Aug. 30 '13

Payments same as above.....
TOTAL COST, \$33,600
Bond, \$16,800. Surety, Globe Indemnity
Co. Limit, Dec. 15. Forfeit, \$100 a
day. Plans and specifications filed.

(2649) ELEVATOR EQUIPMENT ON
above.
Contractor...Otis Elevator Co., Beach
and Stockton, S. F.
Filed Sept. 6, '13. Dated Sept. 2, '13.
Elevator machinery motors and
guides in talled 50%
Completed and accepted..... 25%
36 days after..... 25%
TOTAL COST, \$10,500
Bond, \$5250. Surety, National Surety
Co. Limit, as soon as possible. For-
feit, none. Plans and specifications
filed.

(2650) ROOFING & SHEET METAL
work on above.
Contractor...Conlin & Roberts, 414 Na-
toma, San Francisco.
Filed Sept. 6, '13. Dated Sept. 3, '13.
Semi monthly 75¢
36 days after..... 25%
TOTAL COST, \$4387
Bond, \$2191. Surety, Aetna Accident
& Liability Co. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(2651) STONE WORK ON ABOVE.
Contractor...The McGilvray Stone Co.,
Townsend near 7th, S. F.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Payments same as above.....
TOTAL COST, \$35,387
Bond, \$17,693.50. Sureties, R. Dewar
and John D. McGilvray. Limit, Dec.
20. Forfeit, none. Plans and specifi-
cations filed.

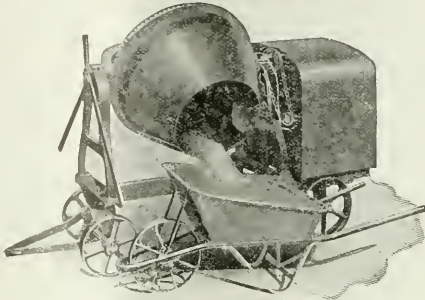
(2652) STEAM HEATING ON ABOVE.
Contractor...Pacific Fire Extinguisher
Co., 507 Montgomery, S. F.
Filed Sept. 6, '13. Dated Sept. 3, '13.
Payments same as above.....
TOTAL COST, \$1713
Bond, \$2357. Sureties, Winfield S.
Davis and Burt L. Davis. Limit, as
soon as possible. Forfeit, none. Plans
and specifications filed.

(2653) ELECTRIC WIRING ON ABOVE
Contractor...Newbery-Bendheim Elec.
Co., Humboldt Bank Bldg.,
San Francisco.
Filed Sept. 6, '13. Dated Sept. 3, '13.
Payments same as above.....
TOTAL COST, \$4500
Bond, \$2250. Surety, Southwestern
Surety Ins. Co. Limits, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(2654) CARPENTRY WORK ON
above.
Contractor...W. D. Henderson, Monad-
nock Bldg., S. F.
Filed Sept. 6, '13. Dated Sept. 3, '13.
Payments same as above.....
TOTAL COST, \$27,650
Bond, \$13,825. Surety, Massachusetts
Bonding & Insurance Co. Limit, as
soon as possible. Forfeit, none. Plans
and specifications filed.

(2655) CABINET WORK ON ABOVE.
Contractor...William Bateman, 1913
Bryant, San Francisco.
Filed Sept. 6, '13. Dated Sept. 3, '13.
Payments same as above.....
TOTAL COST, \$6100
Bond \$3950. Surety, Massachusetts
Bonding & Insurance Co. Limit, as

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soon as possible. Forfeit, none. Plans and specifications filed.

(2656) PAINTING ON ABOVE.
Contractor...H. Maundrell, 568 Hayes, San Francisco.

Filed Sept. 6, '13. Dated Sept. 2, '13.
Payments same as above.....
TOTAL COST, \$6250
Bond, \$3125. Surety, Southwestern Surety Ins. Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2657) FURRING, LATHING AND plastering on above.
Contractor...Donald Mowat, 2248 Market, San Francisco.
Filed Sept. 6, '13. Dated Sept. 2, '13.
Payments same as above.....
TOTAL COST, \$19,160
Bond, \$9550. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(2658) DRAINAGE, PLUMBING AND gas fitting on above.
Contractor...Frederick W. Snook Co., 596 Clay, San Francisco.
Filed Sept. 6, '13. Dated Aug. 29, '13.
Payments same as above.....
TOTAL COST, \$13,822
Bond, \$6911. Surety, Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2659) PASSENGER ELEVATOR ON above.
Contractor...Otis Elevator Co., Beach & Stockton, San Francisco.
Filed Sept. 6, '13. Dated Sept. 2, '13.

Elevator machinery and motors installed 50%
Completed and accepted..... 25%
36 days after..... 25%
TOTAL COST, \$4950
Bond, \$2475. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2660) BDED BY THIRTEENTH, 11th, Harrison and Alice, Oakland. The work for completion of 6, 7, and 8th floor of Class "A" hotel.
Owner....Oakland Hotel Co., by P. J. Walker Co., Agent, 13th & Harrison, Oakland.

Architect...Biss & Paville, Balboa Bldg., San Francisco.
Contractor...Robt. Howden, 1117 Webster, Oakland.
Filed Sept. 6, '13. Dated Sept. 5, '13.
On 1st and 15th of each month 75%
36 days after..... 25%
TOTAL COST, \$10,975

Bond, \$5488. Surety, Southwestern Surety Ins. Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2661) FURRING AND LATHING ON above.
Contractor...National Lathing & Furring Co., Monadnock Bldg., San Francisco.

Filed Sept. 6, '13. Dated Sept. 4, '13.
Payment same as above.....
TOTAL COST, \$5575
Bond, \$2775. Surety, National Surety Co. Limit, as soon as possible. Forfeit none. Plans and specifications filed.

(2662) EXTEND AND COMPLETE steam heat system on above.
Contractor...Mangrum & Otter, 561-63 Mission, San Francisco.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Payment same as above.....

TOTAL COST, \$2970
Bond, \$1485. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2663) PLASTERING ON ABOVE.
Contractor...Donald Mowat, 2248 Market, San Francisco.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Payments same as above.....

TOTAL COST, \$3430
Bond, \$1715. Surety, Massachusetts Bonding & Insurance Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2664) MILL WORK ON ABOVE.
Contractor...Pacific Mfg. Co., 177 Stevenson, San Francisco.
Filed Sept. 6, '13. Dated Sept. 4, '13.
Payments same as above.....

TOTAL COST, \$10,307
Bond, \$5154. Sureties, Fred H. Beaner and Lester L. Morse. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2665) ORNAMENTAL METAL WORK on above.
Contractor...Rudgear-Merle Co., Bay & Stockton, San Francisco.
Filed Sept. 6, '13. Dated Sept. 5, '13.
Payments same as above.....

TOTAL COST, \$4215
Bond, \$2108. Sureties, A. E. Sbarboro and A. Sbarboro. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2666) E WALKER AVE 150 N Cottage, Oakland. Two-story 7-room dwelling.

Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect...A. J. Stern, 1522 Broadway, Oakland.
Contractor...Roger Coit, 1522 Broadway, Oakland. COST, \$3500

(2667) S FORTY-THIRD 115 E West, Oakland. One-story 5-room dwlg.
Owner.....F. H. Baker, 654 41st, Okd.
Architect...None.
Day's work. COST, \$1500

(2668) N SIXTY-FIRST 266 W Occidental, Oakland. One-story 2-room dwelling.
Owner.....Oliver Rasmussen, 1900 8th Alameda.
Architect...None.
Contractor...Chas. Helstrom, 493 36th, Oakland. COST, \$2000

(2669) E MANILA 140 S 42nd, Oakland. One-story two-room dwelling.
Owner.....E. Batcheller, 1184 Manila Ave., Oakland.
Architect...None.
Day's work. COST, \$400

(2670) N FIFTIETH 57 W Manila, Oakland. One-story 3-room dwlg.
Owner.....L. C. Joslin, 941 E-14th, Oakland.
Architect...None.
Day's work. COST, \$100

(2671) N OCEAN VIEW DRIVE 65 E Prospect, Oakland. Garage.

Owner.....J. C. Bullock, 440 Ocean View Drive, Oakland.
Architect...None.
Day's work.....
COST, \$500

(2672) NO. 826 WEBSTER, Oakland. Alterations.

Owner.....Hick Lung Co.
Architect...None.
Contractor...J. Mowart, 765 De Haro, San Francisco.
COST, \$500

(2673) SE E-SEVENTEENTH- AND Ninth Ave., Oakland. One-story 4-room dwelling.

Owner.....Clarence L. Edli, 2206 8th Ave., Oakland.
Architect...None.
Contractor...A. W. Muller, 1120 1st Ave., Oakland.
COST, \$1190

(2676) LOT 12 BLK 2 Map Meek Est. Orchards SE Cor. Laurel and Soto, Hayward. All work for one-story dwelling.

Owner.....Douglas Parker, Hayward.
Architect...None.
Contractor...Schwartz & Son, Hayward
Filed Sept. 8, '13. Dated Sept. 3, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3329

Bond, \$1665. Sureties, Arthur B. and Matt Petersen Jr. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2678) S KEITH AVE 126 E Pryal, Oakland. Two-story 7-room dwlg.
Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work.....
COST, \$2800

(2679) W GILBERT 50 S Mather, Oakland. One-story 5-room dwelling.
Owner.....Wm. F. Neary, 1723 Telegraph Ave., Oakland.
Architect...None.
Day's work.....
COST, \$2500

(2680) NO. 985 THIRTY-SEVENTH, Oakland. One-story 3-room dwlg.
Owner.....L. Anderson, 985 37th, Okd.
Architect...None.
Contractor...C. Freestrow, 2907 Harper, Oakland.
COST, \$700

(2681) SE EIGHTH AND JACKSON, Oakland. Alterations and repairs.
Owner.....R. Langry, 825 16th, Okd.
Architect...None.
Day's work.....
COST, \$500

(2682) N OAK GROVE AVE 456 W College, Oakland. ne-story 5-room dwelling.
Owner.....B. F. Butler, 333 13th, Okd.
Architect...None.
Day's work.....
COST, \$3500

(2686) S FORTY-FIRST AND E Broadway, Oakland. Two-story 12-room flats.
Owner.....Lillian H. Troy, 4129 Montgomery, Oakland.
Architect...J. Henry Boehm, Delger Bldg., Oakland.
Contractor...F. G. Troy, 4129 Montgomery, Oakland.
COST, \$5000

(2687) S LAGUNA AVE 130 E Euclid, Oakland. Two-story 7-room dwlg.

Owner.....M. C. Anthony, 411 Laguna Ave., Oakland.
Architect...Sidney B. Newsom, Wells Fargo Bldg., S. F.
Contractor...Anthony & Hoyer, Valle Vista & Sunnyslope, Okd.
COST, \$1900

(2688) SW SIXTY-FIRST & COLBY, Oakland. One-story 5-room dwlg.
Owner.....Lillie P. Schutt.
Architect...Alvin J. Stern, 1522 Broadway, Oakland.
Contractor...J. F. Chambers, 1522 Broadway, Oakland.
COST, \$5500

(2689) SE TWENTY-FIRST AVE & SW E-26th SW 53 SE 44 NE 53.62 NW 36, Oakland. All work for one-story five-room dwelling.
Owner.....J. A. Roberts, 1617 Telegraph Ave., Oakland.
Architect...None.
Contractor...W. B. Roberts, Okd.
Filed Sept. 10, '13. Dated June 10, '13.
On 1st of each month..... 75%
Usual 35 days \$500
TOTAL COST, \$2000

Bond, none. Limit, 50 days after June 10. Forfeit, \$5. Plans and specifications filed.

(2690) W AYALA 127 N Miranda, Oakland. One-story 6-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work.....
COST, \$1100

(2691) E MONTCLAIR AVE 100 S Brooklyn Ave., Oakland. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work.....
COST, \$2000

(2692) W AYALA 43 N Miranda, Oakland. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work.....
COST, \$1600

(2693) S SHAFER AVE 200 W Pryal, Oakland. One-story 6-room dwlg.
Owner.....J. Coward, 6077 Clement Ave., Oakland.
Architect...None.
Day's work.....
COST, \$2400

(2694) S ARLINGTON 338 E Park, Oakland. One-story 5-room dwelling.
Owner.....Morgenson Bros., 551 63rd, Oakland.
Architect...None.
Day's work.....
COST, \$2500

(2695) NO. 4112 MONTGOMERY, Oakland. Addition.
Owner.....Grace M. Cameron, Prem.
Architect...None.
Contractor...Kronnick Bros., 1659 O'Farrell, San Francisco.
COST, \$3000

(2696) E SIXTY-FOURTH AVE 200 N E-11th, Oakland. One-story 5-room dwelling.
Owner.....W. C. Brown, 3909 Boulevard, Oakland.
Architect...None.
Day's work.....
COST, \$2100

(2697) E KING AVE 496 S Euclid Boulevard, Oakland. One-story 5-room dwelling.

Owner.....M. W. Hennessey, 1616 Ave., Oakland.
Architect...None.
Day's work.....
COST, \$2500

(2698) N MATHER 45 W Montgomery, Oakland. One-story 4-room dwlg.
Owner.....Mrs. P. Abrahamson, 3437 Piedmont Ave., Oakland.
Architect...None.
Contractor...P. Abrahamson, 3437 Piedmont Ave., Oakland.
COST, \$900

(2699) FOURTEENTH & FRANKLIN, S. P. Depot, Oakland. Alterations.
Owner.....Southern Pacific Company.
Architect...None.
Contractor...Robert Hansen.
COST, \$1400

(2700) N SIXTY-SECOND 130 W Telegraph Ave., Oakland. Two-story 6-room dwelling.
Owner.....Mrs. V. Victoria Evans, 510 62nd, Oakland.
Architect...None.
Contractor...C. A. Doss, 2028 E-15th, Oakland.
COST, \$2200

(2701) W ADELAIN 200 N 28th, Oakland. One-story 6-room dwelling.
Owner.....Thomas Ryan.
Architect...None.
Contractor...Jones Bros., 5829 Lawton Ave., Oakland.
COST, \$2500

(2702) X HANOVER AVE 100 W Newton Ave., Oakland. One and one-half story 6-room dwelling.
Owner.....Lenora F. Woods, 2172 E-24th, Oakland.
Architect...None.
Contractor...W. F. Griffin, 1230 Burnett, Berkeley.
COST, \$5000

(2703) S HAGEMAN 500 E Redwood Road, Oakland. One-story three-room dwelling.
Owner.....Mrs. Ella D. Boltz, Penniman Ave., Oakland.
Architect...None.
Contractor...Drenner & Thompson, 3358 Laurel Ave., Oakland.
COST, \$1000

(2704) W WEBSTER ST., 356 N 14th St., N 150xW 150, Oakland. All work except structural steel, reinforcing steel and concrete work for four-story and basement brick and steel building.
Owner.....Young Women's Christian Association of Oakland, 1944 Franklin.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...D. B. Farquharson, 1760 Ellis, S. F.
Filed Sept. 10, '13. Dated Aug. —
2d day of each month 75%
35 days after completion and acceptance 25%
TOTAL COST, \$118,400

Bond, \$59,200. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, none. Limit, as soon as possible. Plans and specifications filed.

(2705) NE 13TH & WEBSTER, E 100x W 50, Oakland. Brick work except common brick, pressed and moulded brick and terra cotta for seven-story and basement brick and steel hotel.

Owner.....H. A. Powell, Oakland.
 Architect...F. D. Voorhees, Central
 Bank Bldg., Oakland.
 Contractor..Hogberg & Ludwig 185
 Jessie St., S. F.

Filed Sept. 11, '13. Dated Sept. 10, '13.
 1st day of each month 75%
 35 days after completion and ac-
 ceptance 25%

TOTAL COST, \$7775

Bond, \$3887.50. Sureties, U. S. Fidelity
 and Guaranty Co. Forfeit, \$25. Limit,
 30 days. Plans and specifications filed.

(2706) LOT 15, BLK 4. Map Rock
 Ridge Place, Oakland. Two-story and
 basement dwelling.

Owner.....A. H. Dana, 2332 Fruitvale
 Ave., Oakland.

Architect...Milwain Bros., Delger
 Bldg., Oakland
 Contractor..Charles N. Grant, 760 56th
 St., Oakland.

Filed Sept. 11, '13. Dated Sept. 8, '13.
 Frame up and chimneys built ¼
 Exterior mill work in place and
 rough coat mortar on ¼
 Completed and accepted ¼
 Usual 35 days ¼

TOTAL COST, \$5386

Bond, \$2693. Sureties, Title Guaranty
 and Surety Co. Forfeit, none. Limit,
 90 days. Plans and specifications filed.

(2707) W HIGHLAND AVE Ptn Lot 6
 Blk 3 Map Highland Park Terrace,
 Okd. All work for one-story 4-room
 dwelling.

Owner.....J. A. Roberts, 1617 Tele-
 graph Ave., Oakland.

Architect...None.
 Contractor..W. B. Roberts, Oakland.

Filed Sept. 11, '13. Dated June 10, '13.
 1st day of each month 75%
 Usual 35 days 25%

TOTAL COST, \$1800

Bond, none. Limit, 50 days. Forfeit,
 none. Plans and specifications filed.

(2708) SW E-TWENTY-SIXTH AND
 W Highland Ave NW 36 SW 53.12 SE
 48 NE 55.02, Oakland. All work for
 one-story 5-room dwelling.

Owner.....J. A. Roberts, 1617 Tele-
 graph Ave., Oakland.

Architect...None.
 Contractor..W. B. Roberts.

Filed Sept. 11, '13. Dated June 10, '13.
 1st day of each month 75%
 Usual 35 days 25%

TOTAL COST, \$2000

none. Plans and specifications filed.
 Bond, none. Limit, 50 days. Forfeit,
 none. Plans and specifications filed.

(2709) SW E-TWENTY-SIXTH 36 SE
 Twenty-first Ave SE 23.44 SW 53.12
 NW 13.40 NW 24.20 NE 53.62, Oak-
 land. All work for one-story four-
 room dwelling.

Owner.....J. A. Roberts, 1617 Tele-
 graph Ave., Oakland.

Architect...None.
 Contractor..W. B. Roberts, Oakland.

Filed Sept. 11, '13. Dated June 10, '13.
 1st day of each month 75%
 Usual 35 days 25%

TOTAL COST, \$1800

Bond, none. Limit, 50 days. Forfeit,
 none. Plans and specifications filed.

(2710) S TAFT AVE 129 E College
 Ave E37xS 106, Oakland. All work
 for two-story 7-room dwelling.

Owner.....Dr. C. A. Covall, 1020
 Broadway, Oakland.

Architect...None.
 Contractor..Fred Hambleton, 585 43rd,
 Oakland.

Filed Sept. 11, '13. Dated Sept. 11, '13.

Frame up ¼
 1st coat plaster on ¼
 Completed and accepted ¼
 Usual 35 days ¼

TOTAL COST, \$2390

Bond, \$1500. Surety, Maryland Casu-
 alty Co. Limit, 70 days. Forfeit, none
 Plans and specifications, none.

(2711) S 39 FEET LOT 1 Map Shdvs
 of Lot 6 of the Bray Tract, Oakland.
 All work for one-story six-room
 dwelling.

Owner.....Francis Walker, 1576 34th
 Ave., Oakland.

Architect...None.
 Contractor..Jos. Flittner, 1700 35th
 Ave., Oakland.

Filed Sept. 11, '13. Dated Sept. 11, '13.

Frame up ¼
 Enclosed and 1st coat plaster on ¼
 Completed and accepted ¼
 Usual 35 days ¼

TOTAL COST, \$1975

Bond, none. Limit, 70 days after Sept.
 15. Forfeit, \$1. Plans and specifica-
 tions filed.

(2712) W THIRTY-FIFTH AVE 40 S
 E-18th, Oakland. One-story 3-room
 dwelling.

Owner.....Geo. Bacher, 1675 35th Ave
 Oakland.

Architect...None.
 Contractor..Jos. Boeddeker, 1814 34th
 Ave., Oakland.

COST, \$750

(2713) COR. E-TWELFTH & 14TH
 Ave., Oakland. Repairs.

Owner.....Bacon & Soule, Premises.
 Architect...None.

Contractor..Jas. Anderson, 306 Mag-
 nolia Ave., Piedmont.

COST, \$1500

(2714) W TWELFTH AVE 200 S E-
 28th, Oakland. Two-story 6-room
 dwelling.

Owner.....W. H. Lovejoy, 2701 12th
 Ave., Oakland.

Architect...None.
 Day's work COST, \$2475

(2715) S SCENIC BLVD. 120 W War-
 ner Ave., Oakland. Two-story 6-
 room dwelling.

Owner.....G. E. West, 568 16th, Okd.
 Architect...None.

Day's work COST, \$1800

(2716) NO. 1084 SIXTY-SIXTH, Oak-
 land. One-story 2-room dwelling.

Owner.....H. Desler, 1305 Blackstone
 Oakland.

Architect...None.
 Day's work COST, \$400

(2717) W LINCOLN — S Oakland Ave.,
 Oakland. Two 4-room bungalows.

Owner.....Western Union Home
 Bldrs., 1617 Telegraph Ave.
 Oakland.

Architect...None.
 Day's work COST, \$1400 each

(2721) E VINCENTE 30 S Miranda,
 Oakland. One-story 5-room dwlg.

Owner.....United Home Bldrs., 1762
 Broadway, Oakland.

Architect...None.
 Day's work COST, \$1600

Building Contracts Awarded

Berkeley.

2635	Clein	.....Kollmer	499
2636	Nelson	.....Nelson	2000
2677	Rasmussen	.....Larsen	1440
2683	Frederickson	.....Owner	2300
2684	Same	.....Same	2000
2685	Van Kirk	.....Van Kirk	3000
2718	Henderson	.....Junk	600
2719	Underwood	.....Underwood	1300
2720	Merkt	.....Arndt	400
2732	Cheney	.....Junk	600

(2635) NO. 2829 HILLEGASS AVE.,

Berkeley. Addition.
 Owner.....M. Clein, Premises.
 Architect...None.

Contractor..Jacob Kollmer, 2753 Pied-
 Ave., Oakland.

COST, \$100

(2636) E JEFFERSON 156 S Chan-
 ning Way, Berkeley. Alterations.

Owner.....A. Nelson, 2413 Jefferson,
 Berkeley.

Architect...None.
 Day's work COST, \$2000

(2638) LOT 1 BLK 15 North Crag-
 mont, Berkeley. All work for one-
 story and basement 6-room dwlg.

Owner.....O. I. Rinnels, Berkeley.
 Architect...John Hudson Thomas, 1st

National Bank Bldg., Bkly
 Contractor..Gustaf Johanson, 1811

Rose, Berkeley.

Filed Sept. 5, '13. Dated Sept. 2, '13.

Frame up ¼
 Brown coated ¼

Completed and accepted ¼
 Usual 35 days ¼

TOTAL COST, \$4250

Bond, \$2175. Surety, Southwestern
 Surety Ins. Co. Limit, 90 days. Forfeit
 none. Plans and specifications filed.

(2639) NO. 1706 BANCROFT WAY,
 Berkeley. Alterations.

Owner.....Equitable Bldg. & Loan
 Association, San Francisco

Architect...None.
 Contractor..Hughson & Donnelly, 1608

Stuart, Berkeley.

Filed Sept. 5, '13. Dated Sept. 4, '13.

Ready for plaster ¼
 Plastered ¼

Completed ¼
 Usual 35 days ¼

TOTAL COST, \$750

Bond, none. Limit, 75 days after Sept.
 8. Forfeit, none. Plans and specifica-
 tions filed.

(2677) LOT 20 BLK 119 Map Tract B
 Berkeley L. T. 1, Ass'n., Berkeley.

All work for one-story 5-room dwlg
 Owner.....S. Rasmussen, Berkeley.

Architect...None.
 Contractor..John Larsen, Berkeley.

Filed Sept. 8, '13. Dated Sept. 6, '13.

Frame up ¼
 Brown coated ¼

Completed and accepted ¼
 Usual 35 days ¼

TOTAL COST, \$1440

Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

(2683) E BONITA 350 N Rose, Berke-
 ley. Two-story 6-room dwelling.

Owner.....Fredericksen & Eriksen,
 1910 Hearst Ave., Bkly.

Architect...None.
 Day's work COST, \$2500

(2684) E BONITA 275 N Rose, Ber-
 keley. One-story 5-room dwelling.

Owner.....Fredericksen & Eriksen,
1910 Hearst Ave., Berkeley
Architect...None.
Day's work. COST, \$2000

(2685) W THE ALAMEDA 600 N Hop-
kins, Berkeley. One-story 6-room
dwelling.

Owner.....Mary E. Van Kirk, Bear
Apartments, Berkeley.
Achitect...None.
Contractor.—Van Kirk.
COST, \$3000

(2718) W BAKER 150 S Oregon, Berke-
ley. Repairs.
Owner.....H. N. Henderson, Bkly.
Architect...None.
Contractor..Junk-Riddell Co., 2347
Telegraph Ave., Berkeley.
COST, \$500

(2719) N CARLTON 120 E Mabel, Berke-
ley. One-story 5-room dwelling.
Owner.....C. C. Underwood, 1309
Carlton, Berkeley.
Architect...None.
Day's work. COST, \$1300

(2120) E NINTH 421.79 S Channing
way, Berkeley. Addition.
Owner.....E. Merkt, 2435 9th, Bkly.
Architect...None.
Contractor..Herman Arndt, 318 Pacific
Ave., Alameda.
COST, \$400

(2722) NW GRANT AND DERBY,
Berkeley. Repairs.
Owner.....Warren Cheney Co. Bkly.
Architect...None.
Contractor..Junk Riddell Invest. Co.,
2247 Telegraph Ave. Bkly.
COST, \$600

Building Contracts Awarded.

Alameda.

2674 Le BoydLe Boyd 1800
2675 GolsteinGolstein 5700

(2674) NO. 515 CENTRAL AVE., Ala-
meda. One-story dwelling.
Owner.....W. G. Le Boyd, 1340 Broad-
way, Oakland.
Architect...None.
Days' work. COST, \$1800

(2675) NOS. 735-731-733 HAIGHT,
Ave., Alameda. Three one-story
dwellings.
Owner.....G. A. Golstein, 736 Haight
Ave., Alameda.
Architect...L. H. Ford, 2126 Center,
Berkeley.
Day's work. COST, \$5700

SUMMARY OF BUILDING PERMITS FOR THE MONTH OF AUGUST 1913.

Compiled By Max Mantel.

Classification of Buildings	No. of Permits Issued	Cost
1-story dwellings	102	\$167,142.00
1½-story dwellings	7	11,700.00
2-story dwellings	26	98,567.00
2-st dwlgs. with stores	1	1,750.00
2-st flats with stores	1	5,000.00
3-story apartments	2	45,000.00
Additional Cost to 7-st brk apts, former permit		14,000.00
2-st brk lodging house	1	7,000.00
7-st brk lodging house		
Class "C"	1	100,000.00

6-st brk, steel & frame hotel Class "C".....	1	50,000.00
7-st brk, steel & frame hotel Class "A".....	1	130,000.00
11-st bank & office bldg	1	250,000.00
Frm & brk synagogue.	1	65,000.00
1-st brick warehouse..	1	5,000.00
2-story 28-rm building		
Undertaking Parlors.	1	18,000.00
1-story church	1	2,000.00
Temporary church bldg	1	500.00
1-story schools	3	2,190.00
Galvanized iron shed..	1	200.00
Work shops, tank		
frames and barns....	11	2,545.00
Garages, sheds & stables	29	3,631.00
Alterations, additions & repairs	144	101,671.40
Total	337	\$1,080,996.40

TOTAL NUMBER OF PERMITS AND TOTAL COST.

New construction	193	\$979,325.00
Alterations, additions & repairs	144	101,671.40
Total	337	\$1,080,996.40

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Sept. 2, 1913—LOT "G" BLK 2 Map
Claremont, Berkeley. Gladys O.
Ghirardelli to whom it may con-
cern

Aug. 13, 1913
Sept. 2, 1913—LOT 5 and ptn Lot 6
Bik 56 Freemans Map San Antonio
Okd. Samuel J Blumen to J F
Loughery

Sept. 2, 1913
Sept. 3, 1913—S MAIN 100 W Stan-
nage Ave., Albany. H Rinaldo to D
Baxter

Aug. 27, 1913
Sept. 4, 1913—N TAFT AVE 150 E
Broadway, Okd. Neil Carey to J
F Chambers & J L Rick

Aug. 25, '13
Sept. 4, 1913—LOT 10 BLK 21 Daly
Scenic Park Tract, Bkly. Build-
ing Corporation of Alpha Phi to
Patrick-Nelson Bldg Co.

Aug. 29, 1913
Sept. 4, 1913—LOTS 32 AND 33 BLK
2 Map Cragmont, Bkly. Arthur
Weiss to J J Widmer

Aug. 23, 1913
Sept. 2, '13—LOT 5 Bell Property,
Bkly. Anna McNeill to C A Martin
.....

Sept. 2, 1913
Sept. 5, 1913—LOT 27 BLK 6 Map
4th Avenue Heights, Okd. W P
and Nellie J Slattery to Gallagher
& Motts

Sept. 1, 1913
Sept. 5, 1913—NW EIGHTY-SEVEN-
TH AVE 68½ SW "B" 34-2x130,
Okd. Mrs Jos McClenagan to Geo
P Rice

Sept. 5, 1913
Sept. 5, 1913—NW COR 5 ACRES
bought by Joseph Bassett from J
G Bray and W A Bray SW 513.75
NW 292-7 NE 459-5 SE 287-8, Okd.
Little Sisters of the Poor to P G
Maughtyre

Aug. 29, 1913
Sept. 6, 1913—N FIFTEIETH 142 E
Shafter Ave E 33xN 90, Oakland.
Margaret McArthur to Chas Mc-
Arthur

Sept. 6, 1913
Sept. 6, 1913—W FIFTIETH 112 E
Shafter Ave E 33xN 90, Okd. Mar-
garet McArthur to Chas McArthur
.....

Sept. 6, 1913
Sept. 8, 1913—NW TWENTY-FIRST
and Telegraph Ave N 100 W 155 ft.
11 7-16 in. S 100 th 160 to pt of
beg. Okd. Young Men's Christian
Ass'n to A Knowles

Aug. 29, 1913
Sept. 8, 1913—LOTS 19 AND 20 HLK
309 Map City of Oakland. Frank
J Liljenberg to D R Hart

Sept. 5, '13
Sept. 8, 1913—NE TENTH & CLAY
40x100, Okd. J H Durst and Jennie
Laland Durst and agent for owner
to F A Muller

Sept. 8, 1913
Sept. 8, 1913—GORE NAVY AND
Manila Ave Lot 18 Amended Map
Woodlawn, Okd. E A & Genevieve
Rix to Wm H Kerrigan

Sept. 5, 1913
Sept. 8, 1913—LOT 15 Map George W
Austin's Sbdvn Bkly "D" Vernon
Park, Okd. Alicia A and Daniel F
Nunan to James L Rich

Sept. 3, 1913
Sept. 8, 1913—LOT 14 BLK "O" lands
adjacent to Town of Encinal 2152
San Jose Ave., Alameda. Joseph
R Williams to F N Strang

Aug. 28, 1913
Sept. 10, 1913—LOT 19 BLK 7 Hill-
crest Court, Claremont, Berkeley.
Maude Winter Hupp to Tieslau Bros
.....

Aug. 15, 1913
Sept. 10, 1913—NW PARK AND
Warner, Okd. Mrs N Petersen to
F R Peake Co

Sept. 6, 1913
Sept. 10, 1913—E 4 FEET LOT 15 and
W 34 feet Lot 16 Blk "B" Map
Evoy Tract, Okd. Mrs Evelyn Bird
to James L Rich

Sept. 3, 1913
Sept. 10, 1913—S EAGLE AVE 259.50
W 8th W 40xS 146, Okd. Mark T
Cole to whom it may concern

Sept. 6, 1913
Sept. 10, 1913—LOT 21 BLK "G" Map
Mastick Park, Ala. Mark T Cole
to whom it may concern

Sept. 6, 1913
Sept. 10, 1913—E HILLEGASS AVE
128.16 S 62nd 40x108, Okd. John A
Bischoff to whom it may concern

Sept. 10, 1913
Sept. 10, 1913—LOT 7 Park Side
Claremont, Bkly. H M Howard to
Anthony & Heyer

Sept. 10, 1913
Sept. 11, 1913—W EUCLID AVE 30 N
Eunice, Bkly. F R Peake Co to
whom it may concern

Sept. 10, 1913
Sept. 11, 1913—SE TWENTY-FIRST
Ave and SW E-26th SW 53 SE 44
NE 33.62 NW 36, Okd. J A Roberts
to W B Roberts

Sept. 10, 1913
Sept. 11, 1913—S THIRTY-THIRD
398.95 W Telegraph Ave W 40xS
123, Okd. J C and Laura Petersen
to B B Wickersham

Sept. 11, 1913
Sept. 11, 1913—LOT 183 Map 4th Ave
Terrace, Okd. Miss Mary Bandle
to Emil Storz

Aug. 28, 1913
Sept. 12, 1913—E EUCLID AVE 147.90
NE Van Buren Ave Lot 24 Blk 1
Map Highland Sbdvn of Adams
Point Pty, Okd. Adele Hyde Mor-
rison to Chas N Gordon

Sept. 3, 1913
Sept. 12, 1913—LOT 29 BLK 3 Map
Berkeley Square, Bkly. Ruth
Hart Madden to Gustaf Johanson
.....

Sept. 5, 1913
Sept. 12, 1913—ADJACENT TO AND
SW freight house of S P Co at West
Alameda Station, Ala. Associated
Oil Co to H F Smith

Sept. 1, 1913

LIENS FILED.

ALAMEDA COUNTY.

Aug. 30, 1913—W PERALTA AVE,
112 S Nicol Ave., S 38xW 123, Oak-
land. California Door Co vs. Wm.
M. and Annie and A. R. Morris

Sept. 4, 1913
Aug. 30, 1913—N LAKE ST., 540 E
Jackson St., E 60xN 150, Oakland.
J. C. Nielson and S. J. Bertelson vs.
H. O. Nordwick, Bertha Nordwick,
J. F. Carlston and Central Savings
Bank and Arthur L. Harris

Sept. 4, 1913
Aug. 30, 1913—NW COR PARK WAY
and Monte Ave., N 50xW 125, Oak-
land Tp. E. J. Greenhood to W. F.
Schroeder

Aug. 29, 1913

Aug. 30, 1913—S JULIA ST., 100 E California St., 34x135, Berkeley. F. Montano to F. R. Peake Co. Aug. 29, 1913

Aug. 29, 1913—NE COR 11TH and Franklin Sts., E 100xN 37.5, Oakland. Mrs. Barbara Streil (by Wm. Wilde) to Herbert D. McKibben. Aug. 20, 1913

Sept. 3, 1913—W DIAMOND 119.96 N 41st N 40xW 75, Okd. California Door Co., \$205.85; Hogan Lumber Co., \$194.06 vs Mae Parvine Garretson, John D. Garretson and Larsen Bros.

Sept. 2, 1913—SIXTEENTH ST STATION Reservation of S P Co., Okd. S P Co to R W Moller. Aug. 20, 1913

Sept. 3, 1913—LOTS 4 AND 5 Academy Tract, Okd. Joe Stevens vs Geo. Clarkin and John Stanley. \$60.55

Sept. 3, 1913—LOT 1 BLK 14 Map Oak Ridge Claremont, Bkly. E Rutgers vs F W Harnden and Wm Larsen. \$230

Sept. 3, 1913—LOT 39 NE 15 Lot 40 Blk 4 Map Havenscourt, Okd. Hogan Lumber Co vs Olof Nelson and Piedmont Heights Bldg Co. \$347.24

Sept. 4, 1913—LOT 6 BLK 18 Map Melrose Heights Tract, Okd. Melrose Lumber & Supply Co to J Baitor and C M Dean. \$254.17

Sept. 4, 1913—N SAN JOSE AVE 200 W Walnut W 50xN 150, Alameda. Taylor & Co vs T G Morris. \$79.25

Sept. 4, 1913—LOT 1 BLK 14 Map Oak Ridge Claremont, Berkeley. Charles Clark vs F N and Laurel M. Harnden. \$60.70

Sept. 6, 1913—LOT 6 and ptn Lot 5 Blk "F" Corrected Map Nicol Tct., Okd. John P Maxwell, vs Wm M. Annie L and Nellie L Morris. \$21

Sept. 6, 1913—SW ORCHARD AND Broadway S 126 W 80 N 126 E 100, Okd. Grant Skidmore vs George G. Clarken. \$1130.70

Sept. 6, 1913—SW ORCHARD AND Broadway S 126 W 80 N 126 E 100, Okd. Pacific Fuel & Bldg Material Co vs Geo S Clarken, Geo H Fogg and Grant Skidmore. \$193.60

Sept. 6, 1913—SW ORCHARD AND Broadway S 126 W 80 N 126 E 100, Okd. De Fremery Cadman Materials Co vs George Clarken. \$212.40

Sept. 6, 1913—PTN LOTS 3, 4 AND 5 Blk "F" Corrected Map Nicol Tct., Okd. Join P Maxwell vs Wm M. Annie L and Nellie L Morris. \$21

Sept. 8, 1913—W GRAND AVE 175 S Orange Ave S 37.5xW 125, Okd. Hogan Lumber Co vs H E Sullivan, Josephine R and Geo J Wagner. \$375.10

Sept. 11, 1913—S DWIGHT WAY 120 E Ellisworth E 60xS 131 1/2, Bkly. Pacific Wall Bld Co vs Est William Witter and Elizabeth Gooding Witter. \$165.60

Sept. 12, 1913—Lot 4 BLK "C" Map Mastick Park, Ala. Slickney & Hinton vs W S Lewis. \$87

Sept. 12, 1913—LOT 34 PLK 16 Map Havenscourt Okd. H W Taylor, \$196, H W Taylor \$160 v C Barkoff and Havenscourt.

SAN JOSE AND THE SANTA CLARA VALLEY.

HALL BUILDINGS—2 story and base, reinforced concrete. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architect's name not given. Owners, Stanford Union. Two buildings are to

be erected on the University campus at Palo Alto by the Stanford Union. One of the buildings will be known as the Stanford Union and will be devoted to the use of male students. The other will be used by the Women's Club house. Construction will be of reinforced concrete throughout. Each building will cover an area of approximately 55x90 feet. Interior finish will be of pine and hardwoods. There will be a steam heating system and open fire places. Exterior will be faced with cement plaster. Plans are complete and out for figures. Bids will be opened on September 27th. Plans can be secured from F. H. Fowler, 221 Kingsley avenue, Palo Alto. An official proposals appears in another column of this issue.

Building Contracts.

SANTA CLARA COUNTY.

E SEVENTEENTH at end of San Fernando, San Jose. One and one-half-story residence.
Owner.....Dr. Edward Newell, 250 S. Second, San Jose.
Architect...Wm. Binder. Vneha Bldg., San Jose.
Contractor..Lewis Co., 1st National Bk. Bldg., San Jo e.
COST, \$1300

W EIGHTEENTH, 3rd Lot S of Taylor, San Jose. Four-room frame house.
Owner.....B. Sunzeri, Premises.
Architect...None.
Day's work COST, \$500

NO. 461 N-EIGHTEENTH (rear), San Jose. One-story barn.
Owner.....V. Macaluso, Premises.
Architect...None.
Day's work COST, \$300

NO. 993 SHORTRIDGE AVE., San Jose. Bay window and new roof.
Owner.....V. B. Felicich, Premises.
Architect...None.
Day's work COST, \$400

NO. 137 NINETEENTH, San Jose. Remodel front and new roof.
Owner.....S. L. Close, Premises.
Architect...None.
Day's work COST, \$300

NO. 629 N-FOURTEENTH, San Jose. Four-room cottage
Owner.....S. Masino Premises.
Architect...None.
Day's work COST, \$800

Building Contracts.

SAN MATEO COUNTY.

BERESFORD. Electric work for frame club building.
Owner.....The Beresford Country Club, 709 Mission, S. F.
Architect...G. Albert Lansburgh and Sylvain Schnaltacher, 1st National Bank Bldg., S. F.
Contractor..Butte Eng. & Elec. Co., 683 Howard, San Francisco.

Filed Aug. 30, '13. Dated Aug. 26, '13.
75% on 5th day of each month until the following amount is paid \$2362.50
Usual 35 days, 25% 787.50
TOTAL COST, \$3150.00
Bond, \$1575. Surety, National Surety Co. Limit, as fast as possible. Forfeit

\$10 per day. Plans and specifications filed.

LOTS 11 AND 15 BLK 3 Wellesley Park Redwood. All work for cottage.
Owner.....Mrs. Mildred S. Nobs.
Architect...Charles Miller.
Contractor...Charles Miller, Fulton & Whipple, Redwood.
Filed Sept. 2, '13. Dated —.
Framing timbers on, foundation and 1st floor.....\$500
1st coat plaster finished..... 500
Cottage completed 500
U and 35 days..... 180
TOTAL COST, \$1680
Bond, none. Limit, 60 days. Forfeit, none. Specifications only filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Aug. 29, 1913—LOT 2 BLK "C" Hayward Park, San Mateo. Martha L. Regner to Albert Cook. Aug. 29, 1913
Sept. 4, 1913—LOT 15 BLK 3 Wellesley Park, Redwood. Mildred S. Nobs to Chas Miller. Sept. 2, 1913
Sept. 4, 1913—LOT 5 BLK "D" Hayward Park, San Mateo. Charles Hutchings to Charles Hutchings. Sept. 2, 1913

Release of Liens.

SAN MATEO COUNTY.

RECORDED AMOUNT
Sept. 5, 1913—HIGHLAND AVE., Burlingame. George W McGinn (G W McGinn & Co) to Andrew Douglas

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, C. J. Craycroft. The building will be erected on Blackstone street near Belmont, and has been designed to contain four suites of four rooms and bath each. Interior finish will be of pine and redwood. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. All suites will have private baths and wall beds. Plans are complete and figures are being taken.

GARAGE—1 story and base, brick. \$6,500. Fresno, Fresno Co., Cal. Architect, F. B. Gowell, Fresno. Owners, Fresno Brewing Co. The building will cover an area of 70x80 feet, and will be devoted to the storage of the company's machines. Besides the storage space there will be a completely equipped machine shop. Floor will be of cement. There will be special gasoline storage tanks and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORE AND OFFICES—3 story and base, brick and steel, \$35,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, A. D. Green. The building will

be erected at the corner of Kern and 1 streets, covering an area of 50x90 feet. There will be two stores on the first floor and about 40 modern offices on the upper two floors. Interior finish will be of pine throughout. Plans provide for steam heat. There will be patent store fronts and plate glass display windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.
SCHOOL—2 story and base, brick, \$38,000. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield, Contractors, Trewitt & Shields Construction Co., Fresno. Contract price, \$38,000.

COURT HOUSE ADDITION—2 story and base, brick, \$26,990. Hanford, Kings Co., Cal. Architect's name not given. Owners, Kings County. Contractors, Trewitt & Shields, Fresno. Contract price, \$26,990.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$5,000. Belvedere, Marin Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. B. Short. The house has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have composition floor and tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. An automatic water heater ill be installed. Plans are complete and out for figures.

Marin County Infirmary Contract Awarded

Peter Hamilton of San Anselmo Awarded the Work for Two-story Reinforced Concrete Building.

Peter Hamilton, of San Anselmo, has been awarded the contract at \$37,472 for the construction of the two-story and basement reinforced concrete infirmary building by the Marin County Board of Supervisors. The building was designed by Architect Thomas O'Connor of San Rafael and will be erected near that town. Other figures submitted were as follows:

Infirmary Building, San Rafael.	
Peter Hamilton	\$37,472
Commary-Peterson Co.....	39,672
A. J. Kappenmann	37,754
Graham & Jensen	37,000
P. H. Petersen Contg. Co.....	42,500
James Furlong	38,430
S Sales	37,250
P. Hamilton	33,987
R. H. Chisholm	41,206
H. A. Klyce	39,785
James L. McLaughlin.....	45,958
Newton-Walks Co.....	44,470
J. O. Quakendall.....	37,987
Boyd, Kerr & McLean.....	58,716
Plumbing Infirmary Building.	
Commary-Peterson Co.....	\$2,991
Graham & Jensen.....	2,500

P. Hamilton	3,485
R. H. Chisholm.....	2,950
Boyd, Kerr & McLean.....	3,275
R. Kinsella	2,650
G. A. Shields	3,085
E. H. Conway.....	3,828

LIENS FILED.

MARIN COUNTY.

RECORDED	AMOUNT
Sept. 5, 1913—WY PT LOT 103 37-38 100, Pacheco Tract, Fairfax, Jen- son & Schlosser Lumber & Mill Co vs William F Nusbaum.....	\$155.90

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Sept. 2, 1913—LOT 19 BLK 6 Bay Shore Tract, Richmond Lumber Co vs W B White and C L Mc- Cracken	\$310.62
Sept. 2, 1913—LOTS "A" AND "D" River's Andrade Tract, Richmond, Sunset Lumber Co vs Sterling Fix- ture Co, Herbert F Brown and Herbert F Brown Inc.....	\$6027.99
Sept. 3, 1913—LOTS "A" AND "D" River's Andrade Tract, Richmond, L N Cobbledick Glass Co vs Ster- ling Fixture Co, Herbert F Brown and Herbert F Brown Inc.....	\$167.50
Sept. 3, 1913—LOTS "A" AND "D" River's Andrade Tract, Richmond, Anton Nelson, and San Pablo Lum- ber Co vs Sterling Fixture Co and Herbert F Brown Inc.....	\$649.43
Sept. 4, 1913—BLK "A" River's An- drade Tract, Richmond. J R Pillow, A D Pillow (Pillow Bros) vs Ster- ling Fixture Co	\$245.61
Sept. 4, 1913—LOTS "A" AND "D" River's Andrade Tract, Richmond, Paraffine Paint Co vs Herbert F Brown Inc and Sterling Fixture Co	\$200

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED	ACCEPTED
Aug. 29, 1913—LOT 16 BLK "E" Nichol Shdvn. E B Anderson to James Cruickshank.....	Aug. 28, 1913
Aug. 30, 1913—LOTS 31 AND 32 BLK 7, City of Richmond. Lottie E and Thos C Donnolly to Dever & Smith	Aug. 28, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, P. F. Reed, 2613 28th street, Sacramento. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be an open fire place with brick or tile mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, Robert Powell, 2817 T street, Sacramento. The house will contain six rooms and bath. Interior will be finished in pine and red-

wood. Hardwood floors will be used in the two principal rooms. There will be an open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—3 story and base, frame, \$10,500. Sacramento, Cal. Architect's name not given. Owner, A. W. Norris, 409 21st street, Sacramento. The building will be erected on 21st street and has been designed to contain a number of three, four and five room flats. Interiors will be finished in pine, redwood and elm. Some hardwood floors will be used. There will be open fire places and brick and tile mantels. Automatic water heaters will be installed. Tile wainscot and cement floors will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Building Contracts.

SACRAMENTO COUNTY.

E ½ LOT 7, G, H, 28TH AND 29TH STS Sacramento. Alter building.
Owner.....John J. and Emma Dunck-
horst, 2815 H St., Sacra-
mento.
Architect...None.
Contractor...W. T. Feagan, 3209 23rd
St., Sacramento.
Filed Sept. 3, '13. Dated Aug. 27, '13.
COST, \$2140

LOT 16 28TH STREET TRACT, Sacra-
mento. Dwelling.
Owner.....W. S. Ives.
Architect...None.
Contractor...F. P. Williams, 3117 7th
Ave., Sacramento.
COST, \$1900

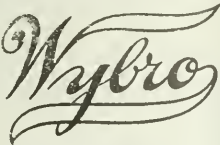
N ½ OF S ½ LOT 8, P, Q, 3RD & 4TH
Sts., Sacramento. Three-story brick
building.
Owner.....Matsin Inv. Co.
Architect...None.
Contractor...Barton & Hite.
Filed Sept. 5, '13. Dated Sept. 2, '13.
COST, \$6841

S ½ OF W ½ LOT 8, F, G, 19TH & 20TH
Sts., Sacramento. Erect flats.
Owner.....A. W. Morris, 409 21st St.,
Sacramento.
Architect...None.
Day's work. COST, \$10,500

E ½ LOT 2, X, Y, 12TH & 13TH STS.,
Sacramento. Erect barn.
Owner.....Frank Azevedo, Freeport.
Architect...None.
Day's work. COST, \$500
LOT 50, Urban Court, Sacramento.
Erect dwelling.
Owner.....P. F. Reed, 2613 28th St.,
Sacramento.
Architect...None.
Day's work. COST, \$2500

N ½ LOT 1, U, V, 30TH & 31ST STS.,
Sacramento. Erect dwelling.
Owner.....Robert Powell, 2817 T St.,
Sacramento.
Architect...None.
Day's work. COST, \$2000

E 21 FT. LOT 7, I, J, 14TH & 15TH STS.,
Sacramento. Dwelling.



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Owner.....D. F. Fox, 1415 J St., Sacramento.
Architect...None.
Contractor...Gene Pendergast, 1311 22d St., Sacramento.
COST, \$10,000

W ½ OF S ½ LOT 8, P. Q, 3RD & 4TH Sts., Sacramento. Building.
Owner.....Matsui Inc. Co., 213 M St., Sacramento.
Architect...None.
Contractor...Barton & Hite, 112 L St., Sacramento.
COST, \$6,900

N ¼ LOT 8, W. X, 4TH AND 5TH STS., Sacramento. Dwelling.
Owner.....F. Rostatelli, 1817 4th St., Sacramento.
Architect...None.
Contractor...P. Leoni, 1415 P St., Sacramento.
COST, \$1,950

S ½ OF N ½ LOT 1, W. X, 4TH AND 5TH STS., Sacramento. Dwelling.
Owner.....Lewis Apostolo, 705 5th St., Sacramento.
Architect...None.
Contractor...P. Leoni, 1415 P St., Sacramento.
COST, \$2,250

S 95 OF E ½ LOT 5, S. T, 18TH & 19TH Sts., Sacramento. Alter building.
Owner.....Mrs. Abbie Webb, 1831 T St., Sacramento.
Architect...None.
Contractor...R. M. Smith, 2017 18th St., Sacramento.
COST, \$3,000

5½ OF N ½ LOTS 5 AND 6, P. Q, 6TH and 7th Sts., Sacramento. Alter bldg.
Owner.....W. L. da Rosa, 1616 7th St., Sacramento.
Architect...None.
Contractor...S. A. Mosier & Son, 715 Mc-Clair Ave., Sacramento.
COST, \$450

LOCATION NOT GIVEN.
Owner.....Golden West Motors Co., 532 Ochsner Bldg., Sacramento.
Architect...None.
Contractor...C. C. Cuff, 530 Ochsner Bldg. Sacramento.
COST, \$3,000

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT
Sept. 5, 1913—W 45 FEET LOT 3, M, N, 17th and 18th Sts., Sacramento.
Friend & Terry Lumber Co vs Mrs R B Smith.....\$93.51

Sept. 5, 1913—LOT 13 BLK 1, R Turner's Sub, Sacramento. Emigh, Winchel, Chne Co vs H H and Ethel Mull.....\$13.30
Sept. 2, 1913—LOT 13 BLK "T" Richard Turner Sub. E S Warner vs H H and Ethel Mull.....\$24.89
Sept. 4, 1913—LOT 13 BLK "T" R Turner's Sub, Sacramento. G W Kopp vs H H and Ethel Mull.....\$338
Sept. 3, 1913—W ½ LOT 3, M, N, 17th and 18th Sts., Sacramento. George W Wagner vs Mary Murray....\$69.15

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Sept. 5, 1913—STOCKTON ROAD on SW side, bet 31st and Inter of Stockton Road with continuation of R St. James S Morrow, Agent of Libby, McNeill & Libby to Thos H Day's Sons.....Aug. 26, 1913

LOS ANGELES AND SOUTH-CALIFORNIA.

RESIDENCE — 3 story and base, frame. Cost not stated. Glendale, Los Angeles Co., Cal. Architect, Alfred Priest, Fay Bldg., L. A. Owner, J. A. McMillan. The dwelling will contain twenty rooms and five baths. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in all the principal rooms. Bath rooms will have tile floors and waincot. There will be a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Several sleeping porches are provided for in the plans. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

POST OFFICE—2 story and base, Class A construction. Cost not stated Pasadena, Los Angeles Co., Cal. Architect, Oscar Wendroth, Washington, D. C. Owners, United States Government. Bids opened in the Supervising Architect's office in Washington on September 11th show Eugene Schuler of Wahpeton, North Dakota, low at \$179,000. No action has been taken by the authorities. A complete list of all figures received appears under the heading of Los Angeles and Southern California in this issue.

LODGE HALL—2 story and base, brick and steel. Cost not stated. Glendale, Los Angeles Co., Cal. Architect, Paul V. Tuttle, Delta Bldg., L. A. Owners, Glendale Masonic Temple Association. The first floor of the building

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Chalmer Munday

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Attorneys-at-Law

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will contain the lobby, hall room, ladies' and gentlemen's parlors, a large banquet hall and kitchen. Upper floor will be arranged for the lodge rooms, committee rooms and billiard room. Interior finish will be of pine and hardwood. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken
CON AWARD

CITY HALL—2 story and base. Class A construction, \$26,400. Alhambra, Los Angeles Co., Cal. Architects, Parkin on & Bergstrom, Security Bldg., L. A. Owners, City of Alhambra. Contractors, Mulder & Harnish, 143 South Rose street, L. A. general construction except heating and plumbing. Contract price, \$26,400. Note: All bids for the plumbing and heating were rejected and new bids are now being called. Figures will be opened on September 20th.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owners, Bell Development Co. The building will be erected on the corner of 7th and Main streets, covering an area of 131x151 feet. The first floor will contain a number of stores besides the hotel office, lobby and dining room. Upper floors will be divided into 117 guest rooms, 60 private baths and 6 public baths. Interior finish will be of pine and redwood. Some ornamental plaster and hardwood will be used in the office and dining room. There will be steam heat and elevator service. Hot and cold running water will be supplied to all room. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

HOTEL—6 story and base, reinforced concrete. \$60,000. Ocean Beach, San Diego Co., Cal. Architect, Charles Krengel, Timken Bldg., San Diego. Owner, H. H. Sinnige. The first floor will be arranged for a bath house with large plunge, second floor a large cafe and sun rooms and the third floor will contain the main hotel entrance, office, lobby and parlors. Upper three floors will be arranged for about 100 guest rooms. Construction will be fireproof. Interior finish will be of pine and hardwoods. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete.

MANUAL ARTS BUILDING—1 story and base, reinforced concrete. Cost not stated. San Fernando, Los Angeles Co., Cal. Architects, Austin & Pennell, Wright and Callender Bldg.,

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San Francisco Branch

Mills Building

L. A. Owner, San Fernando Union High School District. This work was mentioned here when the architects were first commissioned to prepare plans. The building will cover a large ground area and has been designed for one of the most modern manual arts buildings in the west. Construction will be fireproof throughout. Exterior will be faced with cement plaster. Separate bids will be taken for the general construction, heating, plumbing, painting and electric work. Plans are complete and bids will be opened on October 14th.

OFFICE ADDITION—6 story and base, reinforced concrete, \$100,000, Los Angeles, Cal. Architects, Parkinson & Bergstrom. Security Bldg., L. A. Owners, Citizens' Savings Bank of Los Angeles. There is a one-story building on the site and six additional stories, arranged for modern offices, will be added. Construction will be of reinforced concrete throughout and will be fireproof. Each of the upper floors will contain 16 offices. Interior finish will be of hardwood, marble, tile and metal trim. Metal window sash and frames will be specified. Plans provide for elevator service, steam heat, vacuum cleaning system and mail chutes. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

THEATRE—1 story and base brick and steel, \$35,000, Los Angeles, Cal. Architects, Austin & Pennell, Wright & Callender Bldg., L. A. Owners, H. L. McAllister and J. M. Dubhane. The

building will be irregular in shape, covering a lot 169x163x36x121 feet. The main auditorium will seat 850 people and will be well ventilated. Besides the theatre there will be five stores. Floors will be of cement. Metal lath and plaster interior partitions will

be used and metal window sash and frame. There will be patent store fronts. Interior finish will be of pine and ornamental plaster. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

Pasadena Postoffice Bids Are Opened In Washington D. C.

Eugene Schuler of Wahpeton, North Dakota Low Man and The Campbell Building Company of Salt Lake City Next Low. Both Low Figures Based on Using Other than California Marble.

(By Special Wire)

Eleven sets of figures were opened in the Supervising Architect's Office in Washington, D. C., on September 11th, for the complete construction of the new Federal building at Pasadena. The lowest figure was received from Eugene Schuler of Wahpeton, North

Dakota, at \$179,000, using other than California marble. The next lowest bid came from Campbell Building Co., Salt Lake City, for \$182,800 using other than California marble. No action was taken at Washington. A complete list of bids follows:

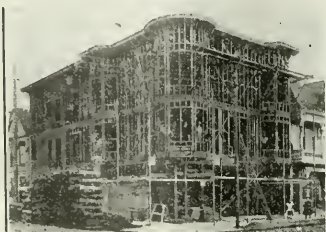
Pasadena Post Office Construction.

Bidder	Cal. Marble	Other Marble
James A. Harmon, Pasadena	\$186,000	
Frank Fraves & Son, Pasadena	199,700	199,700
Somers & Lund, Los Angeles	196,443	196,443
Southwestern Constr Co., Los Angeles	234,900	214,000
Eugene Schuler, Wahpeton, N. Da.	193,000	179,000
E. P. Burke, San Francisco	231,000	197,250
F. J. Amweg, San Francisco	223,293	192,158
J. H. Wiese, Omaha, Neb.	217,440	195,940
Dieter & Wenzel, Wichita	224,900	193,900
Campbell Building Co., Salt Lake City	203,723	182,800
Sound Constr. & Eng. Co., Seattle	230,000	212,345

Frank Neidick

Carpenter and Builder

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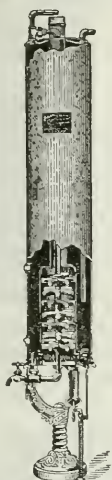
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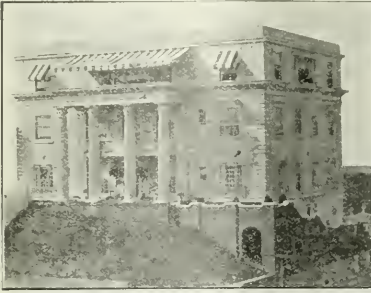
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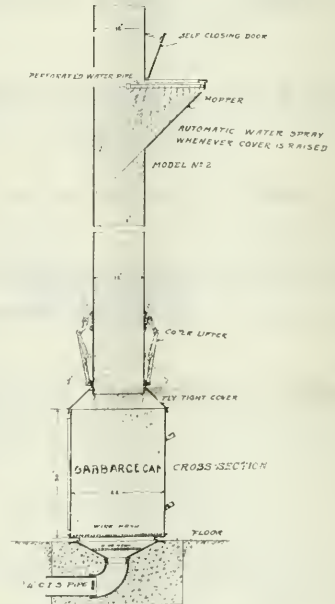
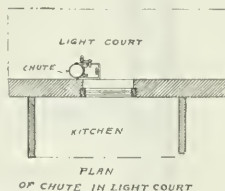
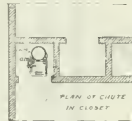
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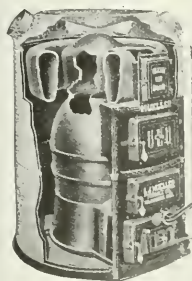
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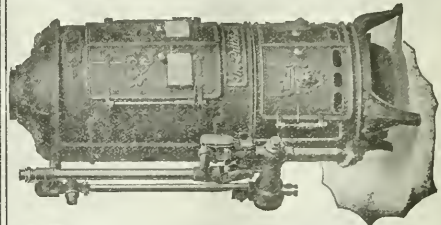
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—== THIS WEEK'S ILLUSTRATIONS: ==—

Sather Campanile Being Erected On The
Campus Of The University Of California
At Berkeley. Designed By John Galen
Howard, Architect, San Francisco.

New Office Structure For Hobart Estate
On Lower Market Street, San Francisco,
Designed By Architect Willis Polk & Co.,
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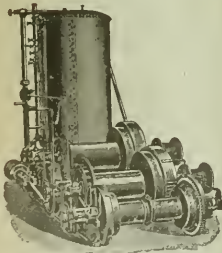
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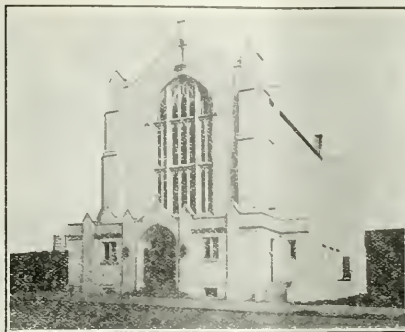
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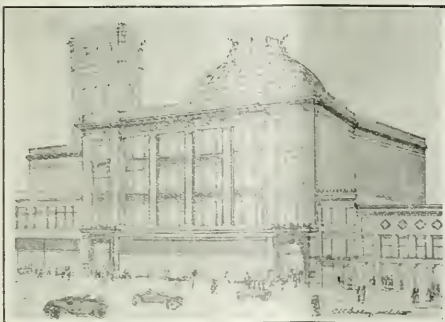
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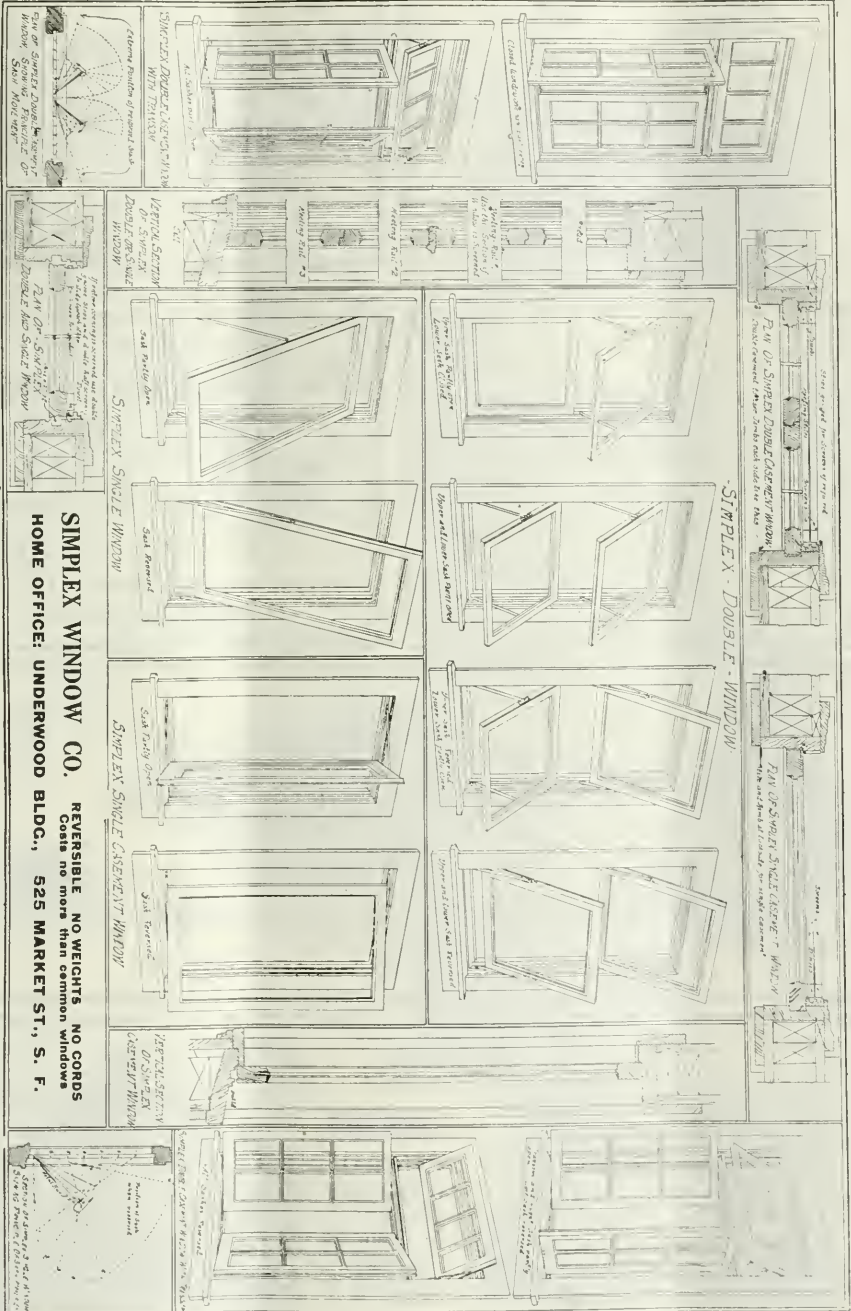
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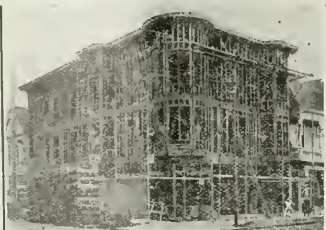


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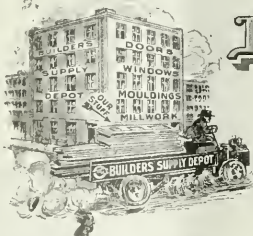
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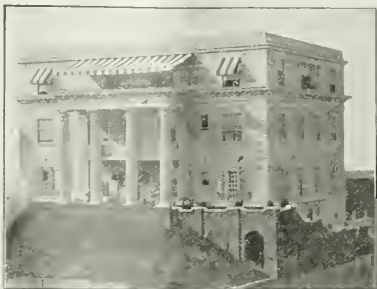


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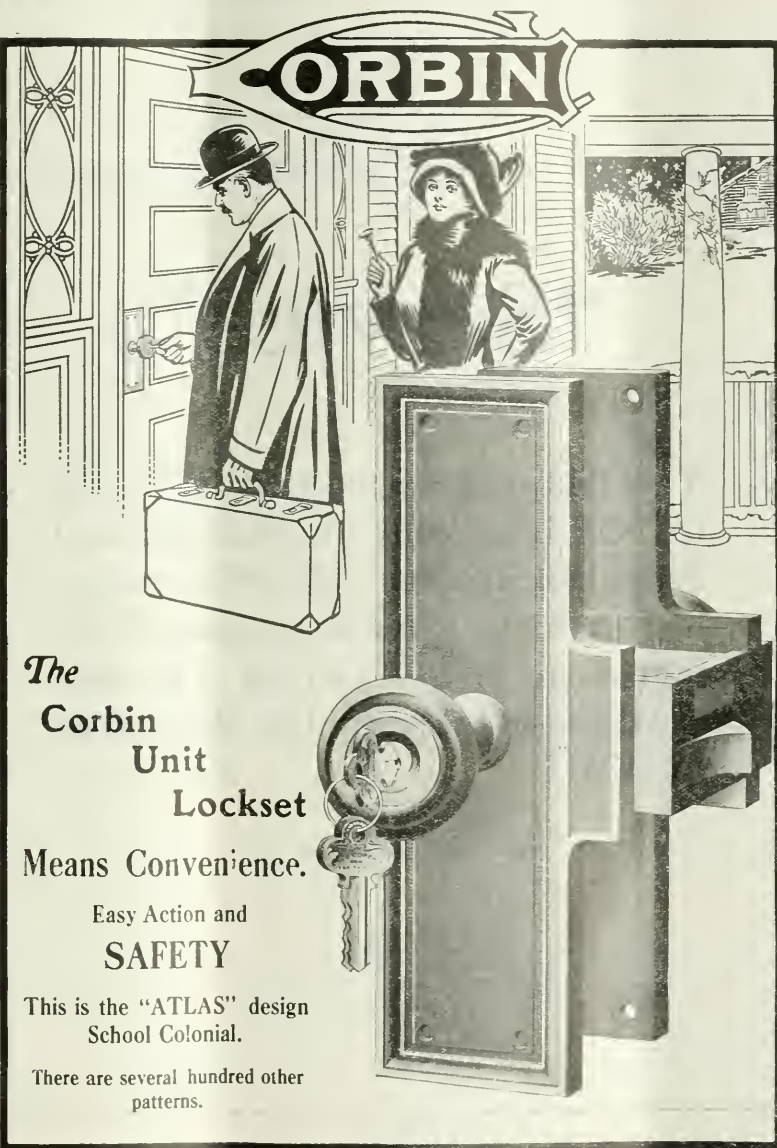
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Editorial Comment.

The action of England and Germany in deciding not to exhibit at the Exposition in 1915 seems to be in many ways inexplicable if it is a final action. For they are two countries that depend primarily upon foreign trade for the life of their great manufactures. While their trade and reputation is established the world over yet they can not afford to miss the advertisement that this opportunity will present. If they do not revise their action many of their people will be exhibitors irrespective of the action of their governments.

For this celebration is to commemorate an event the greatest in the world's history, insofar as it affects commerce. The world is to take a new form and to occupy new fields. A large percentage of the required tax for commercial communication is to be saved.

World's fairs have been held comparatively frequently during the last twenty years. In fact too many world's fairs have been held. For, generally speaking, they are like a circus and each succeeding one has been a model of the preceding with a slight variation.

The San Francisco Exposition, however, will be different. It will commemorate the present achievement of one of the greatest works in the history of the world. It will be located upon the great harbor of the Pacific Coast and will demonstrate the progress made on the world's great highway since Columbus first sought a westward passage to the Indies. And here will be exhibited the wealth of the Orient for which the old explorers so long sought the unknown passage to the west. The occasion is ripe for a great exhibition. Its commercial importance is the greatest in the world's history. All nations will no doubt see this fact before the time arrives and will be represented when the nations of the world gather at San Francisco in 1915.

The Ohio State censors have barred scenes of harrowing crimes from moving picture shows. How far this will be effective in molding public taste is a question. But certainly the great mass of melodrama given the public in the movies is more or less demoralizing. Like the yellow newspaper it may be entertaining to the great mass of people, but its effect is not to be considered beneficial.

The melodrama of crime has its day like the problem play and the rag dances. Just now there is a moral wave sweeping over the country wherein vice is sought to be pulled up root and branch while you wait. Red

light bills have been passed by members of the legislature, war is made on commercialized vice, while at the same time suggestive dances are becoming more and more popular and women's dress the subject of public comment. Certainly there is something doing all the time and it is a question to determine just what the majority of public opinion is on the question of public morals.

During the year 1912, automobiles paid in the United States \$5,638,878 in registration and license fees. This figure exceeds in value the amount of exports in automobiles in 1906. In 1911 this country exported automobiles to the value of \$15,924,361 exclusive of parts of machines. The corresponding figures for 1912 was \$23,703,989. The total number of machines upon our highways last year was a round million. The increase of machines in our own state and in every state in the Union indicates an enormous increase in every firm of automobiles in this country.

And as a necessary result of this increase in the use of machines is the increase of agitation for good roads. The plan to construct an automobile highway across the continent has interested automobile enthusiasts everywhere. And the general agitation for better roads is not only getting the support of farmers in remote districts but also the city man as well. More money has been spent in road improvements and more permanent highways have been planned in the different states during the last five years than was ever thought of before in a similar period. The automobile has had a good deal to do in directing public attention to the value of good roads.

Why California should be selected as seeking to assume prerogative not granted by the constitution and treaties is hard to see when identical action has been taken by other states and nothing has been said. Lawyers are notably behind the times. They depend upon precedent and progress with them is like the philosophy of the Chinese. The great corporations are the lawyers' best clients. So that prominent lawyers who determine the policies of the Bar Association usually look at matters in the light of established precedent which has many times been decided in the interest of special privilege. Kellogg is the retiring president of the American Bar Association. William Howard Taft is the present president. Both evidently belong to the school who believe in the special endowment of a special class through whom the general public should seek justice and equality before the law.

The Economic Value And Social Justice Of A Compulsory And Exclusive Workmen's Compensation Law.

By George Sutherland, United States Senator from Utah *

Conditions produce opinions which, when sufficiently potential, find expression as law. Changed opinions naturally result from changed conditions, and as conditions are never at a standstill it follows that the law of one generation never quite satisfies the sentiment of the generations which follow. It is the business of the lawmaker to determine—and sometimes determine at his official peril,—out of the multitude of opinions that from time to time develop, which of them are sufficiently substantial to find statutory expression. The general demand for a wiser and juster adjustment of the burden resulting from accidental injury sustained by workmen in their employment presents to the legislator one of these problems, the correct solution of which not only requires him to know what is demanded but to understand the conditions out of which the demand arose.

Blackstone, writing 150 years ago, includes master and servant along with husband and wife, parent and child, guardian and ward, in a class whose reciprocal obligations result from status rather than from contract. The explanation of this classification is probably to be found in the fact that prior to Blackstone's day the servants' duties were generally of a domestic character, but with the vast extension and diversification of industry the relationship of the employer and employed has radically changed, until it is no longer predominately domestic in character but has become more generally a relation apart from the household. As a result, the contractual conception of the relation of each to the other has more and more supplanted that at which originally flowered the notion of *status*. This law has been strikingly manifested in the evolution of the law of liability for personal injury, which has resulted, until recent years, from judicial as distinguished from legislative activity, and nearly every development of which is rooted in the notion of contract.

The rule by which the master was held liable for an injury to the servant, caused by the former's negligence, was based upon his implied contract to furnish safe appliances and a safe place to work to provide safe methods and to exercise reasonable care to protect the latter from injury. The counter-vailing rule that the servant could not recover where the injury resulted from observed or clearly observable dangerous conditions was based upon the implied undertaking of the servant to assume the risk of such conditions—the fellow-servant doctrine being probably a branch of this general rule.

These various rules of the common law originated at a time when all the

circumstances of the employment were of a simple and open character; but as complicated machinery has more and more taken the place of hand labor, as the powerful and indirectly applied forces of steam and electricity have been substituted for the simple and direct power furnished by water and horses, as the master has been more and more removed from direct contact with the servant through the device of corporate organization and the interposition of supervising agents, as the servants of the same master—originally few in number and working side by side,—have grown to an army, no longer acquainted with one another, these rules have come to be largely without justice or justification. From time to time they have been modified by judicial interpretation and the invention of exceptions. In recent years this process has been accelerated by legislative action. Thus, because of the injustice of relieving the master from liability where the negligence in question was that of a superior servant or of one engaged in a separate and distinct class of work, the fellow servant doctrine has been modified by the introduction of the vice-principal and separate department doctrines. As it has been borne in upon the consciousness of the legislator that the laborer in modern industry in this day of sharp competition is not quite free to accept or refuse work at his pleasure, the doctrine of assumption of risk has been modified or overthrown; and in this way the former common law defenses of the master have been abrogated or have undergone radical alteration. The whole process indicates that the vice of applying the common law system to modern industrial conditions arises not so much from its details as from its fundamental doctrines. Legislation which continues to recognize the general applicability of the system and attempts by the introduction of modifications and exceptions to reconcile it to the utterly different conditions of our day is not a remedy but a palliative merely. Thoughtful students of the subject have come to recognize that what is needed is not to lop off dead or superabundant branches, but to cut up the tree by the roots and substitute for the entire growth of employers' liability the new system of workmen's compensation.

We have thus swung round the circle from the ancient notion of the master's duties based upon status, through that of employers' liability based upon contract and its statutory modification, to the broader conception of the absolute right of the injured workman to compensation from the enterprise in which he is employed and to whose success he contributes his work for the sake of the wages, as the owner contributes his capital for the sake of the dividends; and we are brought around again to the idea of status, only it now the status of industry and workman instead of the

status of master and servant. In this new conception there is consistently no place for any part of the old common law system.

Workmen's compensation and employers' liability proceed upon wholly different, if not irreconcilable, principles. Employers' liability for personal injury is based upon negligence, against the existence of which, by implication of law, he has contracted. Workmen's compensation is based entirely upon the relationship which the injured workman bears to the employment in which he is injured. While statutes have been passed depriving the employer of the common law defenses or modifying them to a more or less radical extent, under all of them the necessity of showing negligence on the part of the employer remains. The inherent evils of the common law system of liability for negligence are generally conceded, among the most prominent being: (1) That the enforcement of the employee's rights results in great waste and in great delay. The employee being generally unable to pay any counsel fees in the event of failure, is compelled to submit to the payment of exorbitant contingent fees in the event of success. Litigation, because of the crowded condition of the court dockets and for other reasons, is prolonged indefinitely. In the meantime the employee, if able to work, must often live in enforced idleness because his old employer will not furnish him work and others from sympathy with the employer do not do so. The result is that even if a large or extravagant judgment is obtained, more than half of it goes to the lawyer and for other expenses, and the expenditure of the remainder is largely anticipated by living expense. (2) Upon the happening of an injury a condition of antagonism between employer and employee at once arises. The employee naturally desirous of securing as large a payment as possible, consciously or unconsciously exaggerates the facts tending to show the employer's negligence, and the employer, upon his side, exaggerates the facts tending to minimize his own negligence or emphasize some affirmative defense. Out of this double distortion the truth does not appear. If the employee is honest enough to tell the exact truth he may not recover and to often does not recover by deliberate untruth or by coloring the facts with the ingenious aid of counsel. Thus conscientious truth suffer and dishonesty is rewarded. The measure of damages is so uncertain, so much is dependent upon the bias or prejudice of individual jurors, that verdicts for similar injuries differ in amount to the widest possible extent. (3) In a large proportion of the cases, particularly in death claims, the recipient of the money resulting from settlement or judgment, is wholly inexperienced in handling considerable sums, and it is often quickly frittered away or lost

* Paper Read at the Third Annual Convention of the International Association of Casualty and Surety Underwriters, Chateau Frontenac, Quebec, Canada, July 9, 1913.

in unwise investment, in which case, as well as where no recovery can be had at all, the unfortunate employee or his dependents, in case of death, become to a greater or less degree a charge upon the charity of society.

In addition to this, the litigation is carried on at great public expense. In the United States probably one-fifth of the time of courts and juries is taken up with this class of litigation.

The foregoing may be exemplified by the following case, the facts of which are not at all out of the ordinary. An engineer on a western railroad was killed, leaving a widow and three young children. Before the body of the dead engineer had been laid away she was importuned by an agent of a firm of personal injury lawyers to put her case into their hands, upon an agreement to pay them 50 per cent of the amount recovered. This she did, and suit was brought. At the end of three years of litigation, a judgment of \$10,000 in her favor was paid. Of this amount she received \$5,000. In addition to the \$10,000 the litigation had cost the railroad company, as nearly as can be estimated, \$2,500 more. It had cost the State \$625, taking a proportionate part of the salary of the judge, the expense of maintaining the court, the fees of the jurors, and so on. Thus it will be seen that in order to get \$5,000 into the hands of the widow and children, the railroad and the State together had expended \$13,125. Long before the judgment was paid the widow had exhausted her financial resources and had been compelled to do hard and unaccustomed labor in order to support herself and family. A part of the money which she received went to pay debts which she had incurred. She was a woman wholly unaccustomed to business and unfamiliar with investing money. She was surrounded by friends who knew precisely what she ought to do with the money, and at the end of eighteen months she found herself without a dollar, the very existence of herself and children dependent upon such poorly paid work as she could do and public or private charity. And yet this widow was far more fortunate than the vast majority of her sisters similarly situated, more than half of whom receive no compensation whatever.

An exhaustive inquiry carried on by the federal commission appointed to investigate this subject discloses that the average amount paid by the railroads in the United States to the dependents for a death claim is \$1,221, from which lawyers' fees and other expenses are deducted.

These are some of the evils of employers' liability. How can they be more effectively and justly eliminated? It is obvious that a mere alteration of the details of the common law will not be of any considerable economic value. It is true that by abrogating or modifying the common law defenses, the field of the employee's opportunity for successful litigation is broadened, but the field of opportunity for waste is at the same time extended. It is likewise true that some employees who are not now able to recover solely because a negligent employer can establish a good defense will, under the alterations, be able to recover, but it is safe to say that more than one-half

of the workmen who are injured and a still greater proportion of the dependents of those who are killed will still be unable to recover, because of their inability to establish the employer's negligence or because accident is due wholly to the employee's negligence or to the ordinary risks of the employment.

Under the simple conditions which at one time existed the majority of accidents which happened were due to somebody's want of care, because there were no inherent dangers in the use of manual tools and simple appliances in the usual way and under the usual circumstances, but in this day of complex appliances, rapidly moving machinery and the press and stress of abnormal hurry, a very large proportion of all accidents are due to general conditions for which no one is specifically to blame. At a time when, if accidents happened, they were generally the result of clearly ascertainable negligence, there was both wisdom and justice in making negligence the controlling element in the right to recover, but now that the conditions under which the work of our day is performed are such that the greatly preponderating proportion of accidents are due to inherent dangers, or to a complex and confusing set of circumstances in which negligence is either not present or not traceable or exercises only a minor influence, the element of negligence has ceased in face to constitute the usual determining cause of industrial accident, and there has resulted a growing opinion that it should no longer be regarded in law as the determining factor controlling the employee's right to recover.

The German accident statistics, which have been gathered with the most painstaking care, in this connection are most illuminating. These statistics are gathered from the experience of a vast body of workers, aggregating today many millions, and cover many hundreds of thousands of accidents. In the year 1887 the percentage of accidents which were due to the negligence of the employer was 20.47 per cent, those due to the negligence of the employee 26.56 per cent, due to the contributing negligence of both 8.01 per cent, and due to the inevitable risks of the industries and other causes 44.96 per cent. In the year 1897, ten years later, there was due to the negligence of the employer 17.30 per cent, to the negligence of the employee 29.74 per cent, of both 10.14 per cent, and to the inevitable risks, etc., 42.82 per cent. Ten years later, in 1907, the number due to the fault of the employer was 16.81 per cent, to that of the employee 28.89 per cent, to both parties 9.94 per cent, and to the inevitable risks, etc., 44.36 per cent.

Applying these figures to our own country—and there is no reason why they should not approximately apply—under the most liberal employers' liability law which we have, recoveries may be had by employees in considerably less than one-third of the accidents which happen, the remainder, more than two-thirds, being due to inevitable risks, the sole negligence of the employee, or other causes not involving negligence on the part of the employee.

The Labor Bureau of Wisconsin has given the result of their investigation

of 118 representative cases of personal injury, in which it was found that 52.10 per cent were due to the hazard of the industry. A rather careful examination of such statistics as we have in this country convinces me that on the average approximately one-half of all accidents resulting in personal injury or death are due to the hazard of the industry and that not more than 25 per cent are due to the sole or contributing negligence of the employer. It must be apparent, therefore, that no matter how the system of employers' liability may be modified, so long as the employers' negligence remains as a prerequisite to recovery, either by far the greater proportion of all injuries must go without compensation or many verdicts must be based upon untruthful evidence or rendered in disregard of facts. Neither alternative is to be contemplated with satisfaction.

The truth is we have been thinking in terms of negligence so long that it is difficult to rid ourselves of the notion that personal fault on the part of somebody is always a necessary prerequisite to a just liability. The subject must be approached from new angles. The great industries of today are engaged in producing commodities or in rendering services for the general public. The consumers of these commodities or the recipients of these services are justly obligated to pay what they cost plus a fair return upon the investment. The wear and tear of machinery, the cost of the labor employed, every item of expense entering into their production or rendition is properly taken into consideration in arriving at the amount to be paid. The injury to a workman, resulting in loss of earning ability or death as truly enters into the cost of production as the breaking of a piece of machinery, only in the latter case the industry bears the expense no matter how the loss occurs, while in the former the industry pays when the owner is at fault and the workman pays in every other case. There is no reason why the industry should not bear the expense in all cases, collecting it in the last analysis from the consumer, just as it collects every other item of expense entering into the production.

In earlier times, when few men were employed by the same employer and few were engaged in each occupation, the number of accidents and consequently their cost could not be foreseen. From the standpoint of anticipation that was wholly a matter of chance. But dealing with modern conditions, where vast numbers are employed and a vastly extensive field is covered, we are able to predict almost exactly not only how many accidents will occur in the course of a year but to classify them according to the extent of their severity. Thus we know that in the railroad service of the country, where seventeen hundred thousand men are employed, about four thousand will be killed every year and about seventy-five or eighty thousand will be injured to a greater or less degree. In other words, by the vast extension of the field within which these accidents occur the doctrine of chance has stepped out and the law of averages has stepped in as the controlling rule. It is the unvarying and certain operation of this law of averages upon all human activities that constitutes the value of

all our statistics; that makes insurance a business of scientific accuracy; that in all our large affairs enables us to walk sure-footedly toward the future. There is, therefore, no longer any difficulty in determining what the aggregate cost to any given large industry the payment of compensation will be where the schedule of amounts is prescribed, and this cost can be easily and exactly included in the price of the commodity or service. In the case of the small industries, insurance, mutual or otherwise, gives opportunity for the operation of the law of averages by bringing a sufficient number of employers into the same field of risk.

Whenever a workman is injured so that his ability to earn a living is impaired or destroyed, somebody must bear the burden, and the extent of the burden is precisely the same no matter how the accident was caused. The theory of employers' liability is to put the entire burden on the employer when his casual negligence can be established and to leave the entire burden on the employee in all other cases; while the theory of workmen's compensation is to equalize the burden by paying the injured workman half wages, or approximately that in every case of injury however caused and for a period proportioned to the extent of the injury. Such a rule results in average justice, which the more or less haphazard enforcement of the system of negligence liability does not, since a majority of injuries go without any compensation, while of the remainder some are fairly, some are inadequately, and some are extravagantly compensated.

I have already stated that these two theories of employers' liability and workmen's compensation proceed upon wholly different principles. It follows that any attempt to engraft one upon the other is un-sound. The law of workmen's compensation, therefore, should afford the sole remedy. In other words, it should be compulsory and exclusive. An elective law is a legislative absurdity. Indeed it is in effect no law, since "Law is a rule of civil conduct commanding what is right and prohibiting what is wrong." The so-called elective law commands nothing—prohibits nothing. It proceeds upon the notion that it is right that the employer should be obliged to pay and the employee should be obliged to receive definite and fixed compensation for a personal injury, independently of fault, and then permits both parties to do as they please about it by allowing them to elect in advance whether they will be bound by the law of compensation or the law of liability. Indeed, where the elective form has been adopted the justice and wisdom of compulsion is recognized by prescribing penalties for a failure to accept it, the usual provision being that if the employer elects not to be bound he shall be liable as at common law stripped of all the common law defenses and that if the employee elects not to be bound he shall be entitled to the common law remedy burdened with all the common law defenses. Such legislation has been justly characterized as "The Highwayman's Law." Offensively it allows those who are affected to accept or decline; in fact it cowers acceptance at the muzzle of the legislative revolver.

Every consideration of justice and

economy demands that the law should be exclusive; that is, that it should not permit, after the accident has happened, a choice of remedies on the part of the employee. These considerations may be briefly stated as follows:

1. It is unjust to the employee, since its effect is to compel him to respond for such unlimited and sometimes extravagant damages as a jury may see fit to impose, whenever his negligence can be established, and then superadds a liability to pay the definite amounts prescribed by the law in all cases where he is without fault, including those where the injury was due entirely to the negligence of the employee. There is, to say the least, grave doubt whether such a law is not so arbitrary in character that the Supreme Court of the United States would declare it void as constituting a denial of due process of law. The exclusive law is based upon perfectly defensible considerations of mutual burden and mutual advantage. It compels the employer to pay definite compensation in all cases, but relieves him of the liability to respond in unlimited damages in some cases. It deprives the employee of his right to recover unlimited damages in some cases but gives him in exchange the right to recover definite compensation in all cases. The effect of it is to make the employer an insurer of the safety of his employees in a fixed and limited amount, but to leave in his treasury the fund theretofore available for the payment of indefinite damages to enable him in whole or in part to meet the new obligations. It gives to the employee an insurance policy in exchange for the gambler's chance, and in effect says to him, "You may hereafter sustain an injury, which may or may not be due to your employer's negligence. You may be able to recover damages or you may not be able to recover any thing. This law guarantees you the certainty of compensation in place of the uncertainty of damages."

2. By making the law exclusive larger compensation can be given than would be possible if a choice of remedies were allowed, since it is manifest that if the employers' liability to pay unlimited damages in case of negligent injuries be continued and in addition he be compelled to pay large compensation in all other cases his industry will be taxed beyond its capacity to pay. It must be frankly recognized that the compensation law substitutes the communistic idea of benefit for the whole class in place of the individualistic theory which permits a minority of the class to recover much and the majority little or nothing. The justification for a compulsory and exclusive workmen's compensation law rests in the conception that the workmen employed in any enterprise are industrial soldiers, who being injured in its service are entitled to be cared for to a fair and equitable extent, having in view the ability of the industry to pay. Theoretically, therefore, we are to consider that we have a fund, which, however large, is still limited; that this fund is to be distributed among the workmen who sustain injury resulting disability and the dependents of those who sustain injury resulting in death; that this fund is to be distributed not for

the purpose of penalizing the negligence of the employer but for the purpose of aiding the injured, and that finally it is better that everybody injured should receive compensation than that only a portion of those injured should receive damages and the remainder nothing.

3. The double remedy will result in a continuation of the great waste which it is one purpose of the compensation law to avoid. To allow an election of remedies is to permit the injured employee to still remain a bone of contention between the personal injury lawyer, who urges him to sue for the sake of the contingent fee involved, and the claim agent, who seeks to make inadequate settlement in order to save the treasury of his company. Suits will go on as heretofore. Half of the amount recovered will be lost on its way from the treasury of the company to the pockets of the employees. The unfortunate feeling of antagonism between employer and employee, which now results, will continue without abatement. The expense to the taxpayer incident to the trial of personal injury cases will still continue.

4. To allow an election of laws or a choice of remedies destroys one of the most pronounced advantages of the compensation principle; namely, the element of certainty. So long as we allow the employee to seek damages upon the basis of the employer's fault or the employer to defend upon the basis of the employee's negligence, just so long will the uncertainty of the law suit counteract the certainty of the fixed schedule and just so long will the fund which should be husbanded and utilized for the benefit of all be frittered away for the benefit of some. A compulsory and exclusive law saves the vast sum which is now wasted and which would continue to be wasted under a composite system, for distribution among those who are injured. Expense will be saved to employer and employee and to the public. The only individuals who will suffer will be the personal injury lawyers and his law suit hunting agents.

5. A compulsory and exclusive law will, in my judgment, prove a powerful aid in the prevention of accidents. Under the liability system the employer and the employee are interested in exaggerating or concealing the real facts in so far as they tend to prove or disprove negligence, the employer coloring and distorting them in one direction and the employee coloring and distorting them in the opposite direction. Between the two the precise truth as to how the accident occurs is effectually concealed. When the employer knows that he must pay and the employee knows that he may receive a certain prescribed sum, wholly irrespective of the way in which the accident happened, neither will have any reason for misrepresentation and we shall be able to ascertain the cause of the accident; and knowing why and how it happened we shall be able to prescribe remedies which will have a tendency to prevent similar accidents in the future.

After all, the vital objection to the liability system is that it does not in the main permit of average justice, and this is particularly so in death claims where by the death of the em-

ployee quite often the evidence which would have established liability is lost. The consequences to the dependent family of an engineer who is killed as the result of his own negligence are precisely the same as where there is no negligence at all or where the employer is at fault. Both families have lost a provider and both must be cared for.

It is certainly more in consonance with sound public policy to require that both families shall be compensated within fair and reasonable limits than that the employer should be penalized for his carelessness for the benefit of one family at the expense of the other.

Experience is always a more valuable guide to human conduct than precept. Every country in Europe except one has abandoned the theory of employers' liability based upon fault and substituted that of compensation for accidental injury based upon status alone. These laws have been in operation in some of these countries for many years—in England for seventeen years, in Germany for more than a quarter of a century. If they did not on the whole work well, if they were not of superior benefit to the employee over the old system, we should expect that long ago there would have been serious efforts for their repeal, but on the contrary the workmen in those countries have repeatedly endorsed their principles and declared in favor of their continuation. It is furthermore significant that among the scores of official and non-official commissions, committee and civic organizations in our own country, which have investigated the subject, upon which most of these bodies both employer and employee have been represented, practically all have reported in favor of the principle of compensation as opposed to that of employers' liability. If a wide-spread consensus of opinion, based upon long experience, careful investigation and earnest desire for a wise and just solution of a great problem can ever accomplish anything, surely it may be taken for granted that the desirability of workmen's compensation is no longer open to dispute.

The demand for a more or less automatic adjustment of compensation for accidental injuries to workmen is but one of the many phases of a world wide movement for the readjustment of the relations of labor to capital and of both to society, more in consonance with modern notions of social justice. The thought behind the movement is that of society en masse, for the general welfare, may command the self-effacing loyalty of each of its constituent units, society in turn must shape and preserve conditions which will protect each unit in the unequal struggle for individual well-being.

There is a growing feeling that the individualistic theory has been pushed with too much stress upon the dry logic of its doctrines and too little regard for the practical operation from the humanitarian point of view. We are discovering that we cannot always regulate our economic and social relations by scientific formulae, because a good many people perversely insist upon being fed and clothed and comforted by the practical rule of thumb,

rather than by the exact rules of logic. In the rebound, however, from the old notion which, carried to its final conclusion, compels each not only to wage his own battle for existence and happiness, even though he fall in the fight, but which bids him lie where he falls, there is danger that we may go too far in the opposite direction and while helping the weak, which is good, encourage the indolent, which is bad. We must be careful that in the effort to relieve ourself of the burdens which bear us down we do not take away the stimulating necessity of personal effort which compels us to rise. We must find at our peril the happy mean between the hardship which breaks, and the coddling which saps, our strength. That in our righteous anxiety to minimize human suffering we may miss this crucial point is one of the grave dangers which the great civilized nations face today. The unfortunate must be carried for; the soldiers of industry who fall must be lifted up; but no deadlier check could be put upon the upward march of civilization than to embark upon such a scheme of emotional socialism as would put upon the backs of the strong not only the care of those who cannot but of those who can but will not bear their own burdens.

In framing our laws we must never lose sight of the vital distinction between helplessness, which is a misfortune, and laziness, which is a vice. It is a lovely thing to give in case of need, but it is a far more important thing to so adjust conditions that giving will not be necessary. Laws which afford financial aid for the old and sick and unfortunate who cannot help themselves are necessary and righteous; but laws which, by insuring safe and healthful and remunerative work for the young and strong, enable them to care for themselves in time of misfortune and sickness and old age are better. Laws which compel industry to pay, irrespective of negligence, for accidents which entail injury and loss of earning ability or death are commendable and desirable, but laws which will prevent the accidents are far more so. Clean, sanitary hospitals

for those who are torn and wrangled by defective machinery or diseased by unwholesome surroundings are necessary and good, but safe machinery and sanitary work-shops are better still. In other words, in dealing with industrial conditions, the prime duty of society, and therefore the prime study of the lawmaker, should be to prevent or minimize the evils which give rise to the necessity for assisting the helpless; for in law as in medicine the homely maxim holds good, that "An ounce of prevention is worth a pound of cure."

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., OF DAILY PACIFIC BUILDER published daily except Sundays and holidays at San Francisco, required by the Act of August 24, 1912.

Name of Editor, C. Munday, 560 Mission Street.

Managing Editor, L. A. Larsen, 560 Mission Street.

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Publisher, L. A. Larsen, 560 Mission Street.

Owner, L. A. Larsen, 560 Mission St. Known bond holders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities: None.

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L. A. LARSEN, Owner

Sworn to and subscribed before me this 19th day of September, 1913.

MARTIN ARONSOHN,

Notary Public in and for the City and County of San Francisco, State of California.

(My commission expires Sept. 20th, 1915).

[SEAL]

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$40,000. Architect, Milton Lichtenstein, 111 Ellis St., S. F. Owner, Louise R. Barrothet. The building will be erected at the corner of 14th and Market streets, covering an area of 125x80 feet. There will be several stores on the first floor besides the entrance to the apartment house. Upper floors will be subdivided into about 30 suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with elm panels and some hardwood floors. Plans provide for a steam heating system and hot water supply. Bath rooms will have cement floors and tile wainscot. Marble and tile will be used in the entrance. There will be patent store fronts and plate glass windows. Exterior of

the building will be covered with cement plaster on metal lath. Plans are complete and contracts will be awarded within a short time.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$15,000. Architect, George W. Patton, 2126 Emerson street, Berkeley. Owner, Mrs. E. N. Richardson. The building will be erected on Dana street near Channing, and has been designed to contain six modern suites of three and four rooms. Interior finish will be of pine and elm with some hardwood floors. A central heating system will be installed. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be finished with cement plaster on metal lath. Plans are complete and the work will be done by

Day Labor. All materials are now being purchased by the architect.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and steel, \$37,000. Architect, Robert E. Knipe. Henry Bldg., Seattle. Owner, Robert E. Knipe. The building will be erected on 18th avenue near Republican street, and will cover an area of 42x114 feet. Interior has been arranged for ten large suites, ranging from four to seven rooms. Interior finish will be of pine and hardwood with hardwood floors in all dining and living rooms. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. Tile and marble will be used in the entrance vestibule. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick and steel. Cost not stated. Architect, R. M. Jackson, Citizens' National Bank Bldg., L. A. Owner, Southwest Investment Co. The building will be erected at the corner of 18th and San Pedro streets, covering an area of 40x76 feet. First floor will be arranged for stores and upper floor will be subdivided into four apartments of three rooms and bath. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Stores will have patent fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Bath rooms will have cement floors and tile wainscot. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick and steel, \$15,000. Architect, none. Owner, Mrs. Fannie L. Lowe, 624 West 8th street, L. A. The building will be erected on Slansen avenue near Hoover street. There will be several stores on the first floor and twelve suites of two and three rooms each on the upper floors. All apartments will have wall beds and private baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BRIDGES, DAMS AND HARBOR WORK.

SACRAMENTO, CAL.—Levee work, earth and rock construction. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Three bids were received by the Sacramento Commissioners of Public Work for levee work in Districts 4, 8 and 10. The Summit Construction Co. offered to do the work in District 4 for \$51,000 and in District 8 for \$84,000, making a total bid of \$135,000. Other bids submitted by Haviland, Dozier & Tibbets on the whole work were for 9 1/2 per cent above cost, and F. E. Frye for the work in Districts 8 and 10 for 10 per cent above the cost. All bids have been taken under consideration by the Commissioners of Public Works.

CHURCHES.

SAN FRANCISCO—Church, 1 story and base, frame, \$12,000. Architects,

O'Brien Bros., Clunie Bldg., S. F. Owners, Japanese Mission Church. The Japanese have secured a site on Pine street in the Japanese quarter, and will shortly commence construction on their new building. The lot covers an area of 50x120 feet, nearly all of which will be occupied by the building. The design is in the Greek Doric style. Besides a main auditorium seating 400 people there will be several Sunday school rooms. Interior finish will be of pine and ornamental plaster. Some art glass will be used. Exterior of the building will be covered with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Church, 1 story, frame, \$10,000. Architects, Train & Williams, Exchange Bldg., L. A. Owners, York Boulevard Methodist Church. The building has been designed in the Mission style and will have an auditorium with a seating capacity of 250 people, Sunday school rooms and pastor's study. Interior finish will be of pine and redwood. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will shortly be taken.

FACTORIES & WAREHOUSES.

BAKER CITY, ORE.—Warehouse, 1 story and base, brick and concrete, \$20,000. Architect, M. P. White, Baker City. Owner, S. A. Heilner. The building has been designed with foundations and exterior walls heavy enough to carry additional stories. The building will cover an area of 50x200 feet, and will be erected near the railroad, and will have spur track facilities. There will be a cement floor, metal window sash and frames and fireproof doors. Exterior will be faced with cement plaster. Plans are now being prepared.

FIRE HOUSES AND JAILS.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Detention home, 2 story and base, brick and steel, \$12,200. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Fresno County. Contractors, Lindgren & Co., Monadnock Bldg., S. F. Contract price, \$12,200.

FLATS.

SAN FRANCISCO—Flats, 1, 2 story and 1, 3 story, frame, \$2,800 and \$6,900. Architect, Jules Godart, 635 Montgomery street, S. F. Owner, E. Lange. These two buildings will be erected on the north side of Broadway east of Taylor. The three-story structure will face Broadway and the two-story building will be erected on the rear of the same lot. Interior finish will be of pine and elm panels. Some hardwood floors will be used. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. There will be a mosaic floor in the vestibules. Exteriors will be covered with rustic, ship-lap and a brick veneer base. Plans are complete and figures are being taken.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete, \$18,000. Architect, August Nordin, Mills Bldg.,

S. F. Owner, Robert Jones. The building will be erected on the north side of Post street west of Polk, and will cover an area of 68 feet 9 inches by 120 feet. Construction will be fire-proof throughout with reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. Besides the office and machine shop there will be considerable storage space. Interior finish will be of pine. Plans provide for metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Garage, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. E. J. Culver. The building has been designed for a private garage and will be erected on property adjoining the owner's home. First floor will contain storage space and machine shop and upper floor will be arranged for living rooms. Interior finish will be of pine throughout. There will be a cement floor on the first floor. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Naval Supplies.

Bids will be opened on September 30 by the paymaster general of the Navy for furnishing the following:

Schedule 5500—Construction and Repair.

Class 1. Mare Island—1 automatic steam towing machine.

Class 1. Alternate—Do, f. o. b. works.

Schedule 5813—Ordnance.

Class 11. Mare Island—1 steam driven, 3-stage high-pressure air compressor.

Schedule 5814—Steam Engineering.

Class 21. Mare Island—Welding and cutting outfit.

Class 21. Alternate—Do, f. o. b. works.

Schedule 5824—Construction and Repair.

Class 31. Puget Sound—1,738 lbs wire rope, plow steel.

Class 32. Puget Sound—\$00 ft pneumatic hose.

Class 33. Mare Island—25,000 feet douglas fir flooring.

Mare Island, Cal. Dredging.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for dredging channel and basin in Mare Island Strait at the U. S. navy yard, Mare Island, Cal.:

Item 1. Net price per cu yd for dredging and disposing of mud in channel and basin; 2, price per cu yd for dredging and disposing of that part of commission rock to be excavated to a depth of 30 ft; 3, do to a depth of 20 ft.

S. G. Hines, 14 Montgomery street, San Francisco, Cal., item 1, \$218,900; 2, \$50,000.

H. G. Plumber, Honolulu, H. T., item 1, \$252,500; 2, \$69,000.

W. A. Perry, 414 13th street, Oakland, Cal., item 1, \$197,000; 2, \$46,000.

Eight-Hour Law Pamphlet.

From the office of the Supervising Architect of the Treasury there has just been issued a pamphlet intended for the instruction of those who are interested in the application of the national eight-hour laws. The pamphlet gives the full text of the law approved August 1, 1892, and the law approved June 19, 1912. The document has been brought out for the purpose of covering inquiries which are being received by the Supervising Architect relative to materials entering into the construction of public buildings.

Canal Requisitions.

The Isthmian Canal Commission has received requisitions for the purchase of the following supplies and material for the Panama Canal: 300 scythe blades; 4 differential blocks, 3-ton; 120 dozen corn brooms; 240 sash tool brushes; 600 galvanized water buckets, 3-gallon capacity; 500 galvanized water buckets, 4-gallon capacity; 2,400 yds white cotton canvas; 500 rolls bronze wire cloth, 18-mesh; 41 reams emery cloth; 122 heavy galvanized water coolers; 1,020 lbs sash cord; 250 compression grease cups; 36 automatic grease cups; 250 brass composition cocks; A quantity of files; 2,500 railway signal flags; 150 hand-hole gaskets; 150 man-hole gaskets; 125 sets water gauges; 25 cans window glass; 300 railroad lantern globe; 400 ft unarmored plain rubber air hose 3/4-inch; 1,000 ft rubber wire-wound steam hose; 12,000 ft rawhide belt lacing; 98 pairs ash oars; 1,300 lbs sheet rubber packing, no insertion; 500 lbs square flax braided packing; 500 lbs square spiral packing, in graphite; 140 cases toilet paper; 24 cross-cut saws; 200 lbs large sponges; 5,000 lbs fresh water laundry soap; 3,500 lbs salt water soap; 150 lbs copper tacks; 36 steel tapes; 30 metallic pins; 1,200 cotton towels; 14,750 carriage bolts; 700 machine bolts, counter-boring head, with square nut; 54,250 machine bolts, square head and square nut; 7,800 round drift bolts; 3,700 lbs special round bronze; 10,000 ft extra flexible plow-steel cable; 2,500 ft straight-link black iron or steel chain, 1/2-in.; 1,000 ft straight-link galvanized iron or steel chain, 1/2-in.; 18 portable forges; 8,000 lbs yellow metal; 5,200 lbs galvanized common wire nails; 15,000 lbs common wire nails, 30d; 3,500 lbs common wire nails, 6d; 4,000 lbs wire roofing nails; 3,000 lbs hexagon tapped nuts; 3,300 lbs boiler rivets; 68,300 lbs cone-head rivets; 11,700 lag screws; 3,000 lbs track spikes; 500 ft brass tubing; 2,000 lbs lead washers; 5,000 lbs cast-iron washers; 300 wheelbarrows; 3,500 lbs sheet zinc.

Sale of Vessels.

The Navy Department will soon issue an advertisement calling for bids for the purchase of the receiving ship Independence, which has been for many years stationed at the Mare Island navy yard. This vessel has been condemned by a board of survey and appraised at \$4,000. This appraisal is exclusive of a large quantity of equipment and fittings, which will be removed from the vessel. Within a short time the department will also ask for bids for the purchase of the converted yacht Restless.

Canal Circular 796.

An advertisement appears elsewhere

in this issue calling for bids to be opened October 6 for furnishing pumps, valves, switchboards, etc., for the Ancon and Mira Flores pulpung station. The material required is called for under one class divided into six items, as follows:

- Item 1. 14 centrifugal pumps, with electric motors and compensators.
- Item 2. 3 switch and gauge boards.
- Item 3. Miscellaneous valves.
- Item 4. 1 air compressor, complete, with motor and air receiver.
- Item 5. 3 slate operating tables for operating hydraulic valves.
- Item 6. 3 6-ton hand-operated traveling cranes.

Fresno, Cal., Lift.

The contract for furnishing and installing a new hoistway and an electric freight elevator in the U. S. post office and court house, Fresno, Cal., has been awarded to the Otis Elevator Co., Washington, D. C., at \$4,774.

Heating Fort Russell, Wyo.

The following is a schedule of the bids received for furnishing and installing a heating plant in quartermaster storehouse No. 368, at Fort D. A. Russell, Wyo.:

- Bid 1. P. S. Cook, Cheyenne, Wyo., \$1,885.
2. The City Plumbing and Heating Company, Boulder, Colo., heating plant, \$1,575; for other improvements, \$278; total, \$1,853.
3. The J. C. St. John Plumbing and Heating Co., Colorado Springs, Colo., \$1,900.
4. W. W. Keefe, Cheyenne, Wyo., \$1,625.
5. W. H. Inman, Larimer, Wyo., \$1,825.

Yards and Docks, Pending Projects.

The following projects, bids for which were opened on dates indicated below, are pending in the office of the chief of the bureau of yards and docks, Navy Department, Washington, D. C.:

- August 16—Gunners' quarters and filling houses at Puget Sound, Wash.
- August 30—Compressors, filters, etc., Puget Sound, Wash.
- August 30—Air compressor, etc., Puget Sound, Wash.

Pending Projects.

The following projects, bids for which were opened on dates indicated below, are pending in the office of the supervising architect:

- San Francisco, Cal., money vaults, September 2.
- San Francisco, Cal., vault entrances, September 2.
- San Francisco, Cal., vault protection system, June 30.
- Grand Junction, Colo., construction, June 24.
- Grass Valley, Cal., construction, June 30.
- Casper, Wyo., construction, April 5.
- Pocatello, Idaho, construction, complete, May 28.

HALLS AND SOCIETY BUILDINGS.

SAN FRANCISCO—City Hall, ornamental granite work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Plans are complete and have been approved for

the ornamental granite work over the two main entrance pediments on the new City Hall building. Bids are now being called for by the Board of Public Works. Bids will be opened on October 2nd. Plans and specifications can be secured from the Board of Public Works, Temporary City Hall Bldg.

OAKLAND, CAL.—Auditorium, general construction. Cost not stated. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids will be received on October 9th by the City Council for the general construction of the \$1,000,000 Municipal Auditorium, which is to be erected on the shores of Lake Merritt. Plans and specifications can be secured from Architect Donovan. The work will include practically all construction except foundation work and steel, contracts for which have already been let.

OAKLAND, CAL.—City Hall, cabinet work and painting. Cost not stated. Architects, Palmer & Hornbostel, New York, associated with Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans and specifications for the interior painting and for furnishing and setting all cabinet work for the new City Hall building are complete. Separate figures will be taken for each part of this work. Bids will be opened by the Oakland City Council on October 9th. Plans and specifications can be secured from Architect J. J. Donovan, Security Bank Bldg.

BURLINGAME, SAN MATEO CO., CAL.—City Hall, 2 story and base, concrete and brick, \$20,000. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, City of Burlingame. Bids opened recently for this work show Robert Trost of San Francisco low at \$19,958. Only \$20,000 is available for complete construction and it is probable that the plans will have to be revised. No action was taken by the City Trustees. A complete list of all figures appears under the heading of San Jose and the Santa Clara Valley in this issue.

ONTARIO, SAN BERNARDINO CO., CAL.—Lodge hall alterations, 2 story and base, brick. Cost not stated. Architect, Eager & Eager, Story Bldg., L. A. Owners, Independent Order of Odd Fellows. The first floor of the present building will be altered for store purposes and the second floor will be rearranged for a large lodge room, reception hall, banquet room, lounging rooms, billiard rooms and kitchen. Interior finish will be of pine and hardwood. A new steam heating system will be installed. Exterior of the building will be faced with cream colored pressed brick. Plans are now being prepared.

HOSPITALS.

SAN DIEGO, CAL.—Hospital, 4 story and base, reinforced concrete, \$250,000. Architect, John S. Seibert, Spreckels Bldg., San Diego. Owners, E. Alex. T. Kane and J. L. Adams. A site covering an area of 100x200 feet has been secured on Cedar street between 7th and 8th streets. The basement will contain the emergency wards, storage space and mechanical equipment. First floor will contain the administrative

departments, consultation rooms, dining room and kitchen. Second and third floors will be devoted to wards and private rooms. The fourth floor will contain two operating rooms. Contagious wards will occupy the roof. Construction will be fire proof. There will be steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

SANTA ANA, ORANGE CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$45,441. Architect's name not given. Owners, Orange County. Contractor, Chris McNeil, 911 Spurgeon St., Santa Ana, general construction only. Contract price, \$45,441.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete, \$25,000. Architect, Charles J. Rousseau, 46 Kearny St., S. F. Owner, A. Newman. The building will be erected on the east side of Fourth street north of Harrison and will cover an area of 25x80 feet. There will be two stores and the hotel entrance on the first floor. Upper four floors will contain in the neighborhood of 60 rooms and a number of baths. Interior finish will be of pine and elm. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat and elevator service. There will be several rooms so arranged that they may be thrown into suites, and will be equipped with all modern conveniences for light housekeeping. Exterior of the building will be faced with cement plaster in imitation of Caen stone. Plans will be complete and out for figures within one week.

SAN FRANCISCO—Hotel and stores, 7 story and base, brick and steel, \$60,000. Architect, C. H. Barrett, 351 Bush street, S. F. Owners, Zeilerback and Levison. The building, which is to be erected on the north side of Turk street between Mason and Taylor streets, has been mentioned here a number of times before. At first it was decided to give the contract out on a percentage basis, but since the owners have placed plans on the open market for figures. The building will contain one store besides the hotel lobby and in the neighborhood of 110 rooms. Interior finish will be of pine and hardwood. All bath rooms will have cement floors and tile wainscot. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are now being figured.

PORTLAND, ORE.—Hotel, 3 story and base, brick and steel, \$30,000. Architect, A. C. Ewart, Beck Bldg., Portland. Owner, Jessie M. James. The building will be erected on 6th street near Irving, covering an area of 50x100 feet. The plans provide for two stores on the ground floor besides the hotel lobby. Upper floors will be arranged for a total of 55 guest rooms and a number of public baths. There will be steam heat and a hot water supply. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, W. W. Neuer. The building will occupy a corner site and will contain several stores on the first floor besides the hotel lobby and entrance. Upper floors will be arranged for 110 guest rooms, 25 per cent of which will have private baths. Interior finish will be of pine and hardwoods. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Stores will have patent fronts. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OCEANA PARK, LOS ANGELES CO., CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, S. Tilden Norton, Title Insurance Bldg., L. A. Owners, W. M. Gottschalk and A. Sloroty. The building will be erected on a corner lot and will contain five stores on the first floor. Upper floors will contain in the neighborhood of 120 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and birch. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

Contracts Awarded.

SEATTLE, WASH.—Hotel, 3 story and base, brick and steel, \$125,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. Contractor, Butler Construction Co., Central Bldg., Seattle. Contract price, \$125,000.

SHERIDAN, ORE.—Hotel, 2 story and base, brick. Cost not stated. Architects, Brubaker Construction Co., Railroad Exchange Bldg., Portland. Owner's name not given. Contractors, Brubaker Construction Co., Railroad Exchange Bldg., Portland. Contract price not stated. Note: The building will cover an area of 55x100 feet.

LIBRARIES.

HUNTINGTON BEACH, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, \$10,000. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, Town of Huntington Beach. The building, which is to be classic in design, will be erected on a corner site covering an area of 36x70 feet. Interior will be finished in pine and hardwood. There will be two reading rooms, librarian's office and stack room. Maple floors will be used. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RENTON, WASH.—Library, 1 story and base, brick, \$10,000. Architect, Harold H. Ginnold, Epler Bldg., Seattle. Owners, City of Renton. Contractors, Beckman & Mowatt, Mutual Life Bldg., Seattle. Contract price not stated.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Court of the Four Seasons, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Working drawings for the building to be known as the Court of the Four Seasons, one of the most beautiful of the Exposition buildings, have been completed. Bids are now being called for on the general construction. Figures are to be opened by the Buildings and Grounds Committee on October 2nd. Plans and specifications can be obtained from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—Plumbing, heating, ventilating and electric work on Exposition Auditorium. Cost not stated. Architects, John Galen Howard, John Reid, Jr., and Frederick H. Meyer, associated, S. F. Owners, Panama-Pacific International Exposition Co. Bids were received September 18 from twenty-nine contractors on the plumbing, heating, ventilating system and electric work on the Exposition Auditorium which is to be erected in San Francisco's new Civic Center. Bids were asked for on nine distinct propositions. On proposition "A" which included a lump sum bid for all work, no figures were received. Following are the low men on the other eight propositions: Plumbing, heating and ventilating, complete, Kiernan & O'Brien, \$100,796; plumbing only, F. W. Snook, \$23,967; heating and ventilating only, Atlas Heating and Ventilating Co., \$72,690; heating and ventilating as specified under division No. 1, Victor Engineering Co., \$13,535; same as specified under division No. 2, Atlas Heating and Ventilating Co., \$27,233; same as specified under division No. 3, Peterson-James Co., \$23,500; same under division No. 4, Pacific Blower and Heating Co., \$6,550; electric work, complete, Newbery-Bendheim Co., \$17,400. A complete list of all figures received appears under the heading of San Francisco in this issue.

SAN FRANCISCO—Horticulture building, frame and steel construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were also opened at Thursday's (September 18) session of the Buildings and Grounds Committee of the Exposition Co. for the general construction of the Horticulture Building. Three propositions were considered. Proposition A with lumber furnished by Exposition Co. Proposition B with lumber furnished and erected by contractor, and Proposition C erecting structural steel. John Monk was low bidder on Proposition A at \$226,218; Shreshlow-Freeze & Petersen were the only bidders to submit figures on Proposition B, their bid for the complete work being \$319,775. The Golden West Iron Works were the only bidders on Proposition C and asked \$11,745 for erecting the structural steel and \$20 per ton for receiving, unloading, storing and erecting the steel. A complete list of these figures appears under the heading of San Francisco in this issue.

SAN FRANCISCO—Fire hose. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-

Pacific International Exposition Co. bids are now being taken for furnishing the Exposition Company with 10,000 feet of fire hose. These are to be of the common cotton variety lined with rubber. Full particulars can be had from the Director of Works, Service Bldg. An official proposal appears in another column of this issue. Bids will be opened on October 2nd.

SAN FRANCISCO—State Exhibit building, 3 story, frame and stucco, \$150,000 to \$200,000. Architect's name not given. Owners, State of New York. Plans have been approved by the New York State Commission for the Exhibit building to be erected at the Panama-Pacific International Exposition in 1915. Plans show a structure 220x100 feet. Norman E. Mack of Buffalo is chairman of the State Fair Commission.

POST OFFICES.

ALAMEDA, ALAMEDA CO., CAL.—Post Office, painting, cement work and brick work, subfigures. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, William V. Murray, Post Office Bldg., Alameda, wants subfigures from San Francisco and Oakland contractors on painting, cement sidewalks, cement curbs and coping work, brick driveway and court yard work and other work. Interested parties can see Mr. Murray at the Alameda Post Office.

RAILROAD CONSTRUCTION—AND EQUIPMENT.

PORTERVILLE, TULARE CO., CAL.—Passenger station, 1 story and base, brick and concrete, \$25,000. Architects Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Company. Plans are complete and bids are now being taken for the construction of a new depot in Porterville. There will be two waiting rooms, agent's office and baggage room. There will be a central heating system. Interior will be finished in pine. Exterior of the building will be faced with cement or pressed brick. Plans can be secured from the Engineer's office, Flood Bldg., San Francisco. Bids will be opened on September 25th.

Contracts Awarded.

LOS ANGELES, CAL.—Passenger station, 2 and 4 story, Class A and Class C, \$250,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. Contractors, Alta Planning Mill Co., 830 McGarry St., L. A. general construction only. Contract price \$250,000.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$7,000 each. Architect, Edward E. Young. These houses will be erected on the west side of 17th avenue north of Lake street. Each dwelling will contain eight rooms and bath. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Hardwood floors will be used in the living rooms, dining rooms and reception halls. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Tile will be used in the

kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling has been designed for a seven-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile wainscot will be used in the both room and kitchen. Exterior of the dwelling will be covered with rustic cement plaster on metal lath and a brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$30,000. Architects, H. Gelfuss & Son, 46 Kearny street, S. F. Owner's name withheld. This work has been mentioned here before when the architect was first commissioned to prepare plans. The dwelling will be erected on Pacific avenue near Buchanan, and will contain 16 living rooms, servants' rooms and 4 baths. Interior finish will be of pine, mahogany and other hardwoods. Hardwood floors will be used throughout. Rector system and steam heat will be installed. Bath rooms will be finished in tile. Marble will be used extensively in the butler's pantry and kitchen. There will be large open fire places with tile and brick mantels. Automatic water heater and a vacuum cleaning system will also be installed. Exterior of the house will be covered with cement plaster in imitation of cut stone. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, A. R. Lapham, 1853 McAllister St., S. F. The dwelling will contain six rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble, 363 15th avenue, S. F. The dwelling will be erected on 16th avenue north of Lake, and has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Tile wainscot will also be used in the kitchen. Exterior of the house will be covered with rustic cement plaster on metal lath and brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,500. Architect, Ed-

ward G. Garden, Phelan Bldg., S. F. Owner, Mrs. Mary L. Giguere. This dwelling will be erected on San Diego Way in St. Francis Wood, one of this city's new residence sections. The dwelling will contain eight or nine rooms, baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the principal rooms. Bath rooms and kitchen will have tile wainscot. Composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will shortly be called.

SAN FRANCISCO—Residences, 4, 2 story and base, frame \$3,000 each. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. These dwellings will be erected on property on 14th avenue near Lake. Each house will contain seven rooms and bath. Interior finish will be of pine, elm and hardwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of brick and tile. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster, rustle, shiplap and brick veneer base. Plans are now being prepared and when complete the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and hardwood. There will be a large open fire place in the living room and brick mantel. Hardwood floors will be used in the living room, dining room and reception hall. Tile wainscot will be used in the bath room and kitchen. Composition floors will also be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, O. H. Moore & Co., 2903 35th street, Sacramento. The house will contain six rooms and bath, and is to be erected on the East End Division Tract. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be a large open fire place in the living room with brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalows, 5, 1 story and base, frame. Cost not stated. Architect none. Owner, Al. Story, Builders' Exchange, Oakland. These houses will be erected on property on Indian Rock avenue. Each dwelling has been designed to contain six rooms and bath. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the living rooms and dining rooms. There

will be a large open fire place in each of the living rooms. Mantels will be of brick and tile. Bath rooms will have tile wainscot. Exteriors will be covered with cement plaster, shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Frederick F. Thomas. The dwelling will be erected in Thousand Oaks Park, and has been designed for an eight room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have a composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with shakes. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, C. W. Woodard, 1540 Broadway, Oakland. The dwelling will be erected on Bright avenue south of 13th avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have cement floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PORTLAND, ORE.—Residence, 3 story and base, brick, \$35,000. Architects, Ellis F. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owner, Daniel Kern. The dwelling has been designed for a modern city residence and will contain in the neighborhood of 14 rooms, several baths and sleeping porch. Interior finish will be largely of hardwoods with pine. Hardwood floors will be used in the principal room. There will be steam heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot. Exterior of the house will be covered with pressed brick. Plans are complete and the work is being done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect none. Owners, E. J. Smith and Otto Peterson, 1521 California St., Berkeley. The dwelling, which has been designed for a seven-room house with bath and sleeping porches, will be erected on one of the most beautiful home sites in Piedmont. Interior will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of granite and tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered

with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$7,000. Architect, George H. Skidmore, Union Oil Bldg., L. A. Owner, Mrs. C. A. Bennet. The dwelling will be erected at the corner of 8th street and Mountain avenue, and has been designed to contain ten rooms, baths and sleeping porch. Interior finish will be of pine and birch. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with stucco. Plans are now being prepared.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will each contain six rooms and bath, and will be erected on 15th avenue north of California street. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be large open fire places in each of the living rooms. Mantels will be of brick or tile. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, A. H. Gertz. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans have been revised and new bids are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, Charles F. Mau, Macdonough Bldg., Oakland. Owner, Henry Drath, 682 31st street. The dwelling will be erected on the north side of 42nd street near West street, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of brick. There will be a composition floor in the bath room and tile wainscot in both the bath and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,500. Architect, Clarence A. Tantau, 251 Kearny St., S. F. Owner, Mrs. J. H. Lewis. The dwelling will be erected at the northeast corner of Keith avenue and Pryal street, and will contain eight rooms, bath and sleeping porch. A garage will

also be erected on the rear of the lot. Interior of the dwelling will be handsomely finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of both the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: G. W. Latta, 434 North 11th street. San Jose, 1 story six-room frame cottage, \$2,000, and J. H. Wagner, 320 South 16th street. San Jose, 1 story frame, six room cottage, \$2,000.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and frame, \$15,000. Architect, H. H. Whiteley, Story Bldg., L. A. Owner, S. M. Cooper. The dwelling will be erected on a corner lot and will contain in the neighborhood of 11 rooms and 3 baths. Interior finish will be of pine, cedar, oak and birch. Hardwood floors will be used in the principal rooms. There will be furnace heat and three open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be faced with cream colored pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner's name withheld. The dwelling will occupy a corner site and has been designed for a 14-room house with 4 baths and sleeping porches. Interior finish will be of pine, oak, cedar and birch. Hardwood floors will be used in the principal rooms. There will be furnace heat and four open fire places. A garage will also be erected on the property. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are now being prepared.

SCHOOLS.

DAVIS, YOLO CO., CAL.—Dormitory, 2 story, frame. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, University of California. Plans have been completed and are now out for figures for a two-story frame dormitory building which is to be erected at the University Farm at Davis. Interior finish will be of pine throughout. Exterior of the building will be covered with rustic and shiplap. There will be modern plumbing and a central heating system. Plans can be secured from the Comptroller of the University at Berkeley. Bids will be opened on September 24th.

BAKERSFIELD, KERN CO., CAL.—School addition, 2 story and base, brick and steel, \$80,000. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County High School District. Plans have been submitted to

the Board of Supervisors for an addition to the present County High School. New building will be two stories in eight and of fireproof construction. There will be a number of class rooms, gymnasium, a large auditorium and laboratories. Interior finish will be of pine with maple floors. There will be team heat. Considerable tile and marble will be used. Exterior of the building will be faced with pressed brick. Working drawings are being prepared.

Contracts Awarded.

BERKELEY, ALAMEDA CO., CAL.—Convent building, 2 story and base, frame, \$23,695. Architect, John J. Foley, 46 Kearny St., S. F. Owners, St. Joseph's Convent. Contractors, Kidder & McCullough, Berkeley. Contract price \$23,695.

STORES AND OFFICES.

SAN FRANCISCO—Store and loft addition, 2 story and base, brick and steel, \$17,000. Architect, C. W. Dickey, Bank of Savings Bldg., Oakland. Owner, Howard Smith. The present building on Mission street west of 7th is to have a two-story addition. Construction will be of brick and steel. The building covers an area of 65x165 feet. The new stories will be arranged for lofts. Interior finish will be of pine. Elevator service is provided. There will be metal store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Stores, 1 story brick and steel, \$27,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Holbrook & Magnure. The property at the northwest corner of Clay and the Embarcadero is to be improved at once by the construction of a one-story building covering a large ground area. There will be several stores. Interior finish will be of pine throughout. Plans call for patent store fronts and plate glass windows. Cement floor will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared and bids will be called for within two weeks.

CORONA, RIVERSIDE CO., CAL.—Store and rooms, 2 story and base, brick. Cost not stated. Architect, H. C. Koegner, 424 Broadway, L. A. Owners, Corona Investment Co. The building will be erected on a corner site, covering a large area. There will be banking rooms, post office and five stores on the first floor. Upper floor will be arranged for 43 guest rooms and several baths. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and bids will be called for next week.

LOS ANGELES, CAL.—Stores and theatre, brick and steel, \$30,000. Architect, Lawrence A. Valk, Union Oil Bldg., L. A. Owner, Henry Lamb. This work has been mentioned here before when plans were first prepared. The building will cover a large area and has been designed to contain a moving picture theatre and five stores. Interior finish will be of pine throughout. Stores will have patent store fronts and plate glass windows. There

will be a modern ventilating system in the theatre. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Loft building, 6 story and base. Class C construction. Cost not stated. Architect, Harold Cross, Bible Institute Bldg., L. A. Owners, Lyon, McKinney & Smith. The building is to be erected on South Hill street and will have a frontage of 60 feet and a depth of 150 feet. Considerable steel will be used. There will be stores on the first floor and upper floors will be arranged for light lofts. Plans provide for freight and passenger elevators, steam heat and metal window sash and frames. Interior finish will be of pine. There will be automatic sprinklers, patent store fronts and sidewalk doors. Exterior of the building will be faced with pressed brick. Plans are now nearly complete.

Contracts Awarded.

SAN FRANCISCO—Stores and offices, 8 story and base. Class A construction, \$225,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners Trowbridge & Perkins. Contractors, McLaren & Peterson, Sharon Bldg., S. F., general construction only. Contract price, \$225,000.

SANTA ANA, ORANGE CO., CAL.—Store and offices, 2 story and base, reinforced concrete, \$20,000. Architect, F. H. Eley, Hervey-Finlay Bldg., Santa Ana. Owner, H. D. Meyers. Contractor, X. L. Galbraith, 1029 West 3rd St., Santa Ana. Contract price, \$20,000.

PORTLAND, ORE.—Store and billiard hall, 2 story and base, brick, \$12,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owner, Frank Keenan. Contractor, J. K. Flynn, 589 Hoyt St., Portland. Contract price, \$12,000.

THEATRES.

LONG BEACH, LOS ANGELES CO., CAL.—Theatre, 1 story and base, reinforced concrete. Cost not stated. Architects, Metcalf & Davies, 42 American avenue, Long Beach. Owners, Kuhn Amusement Co. The building will be erected on West Ocean avenue and will contain a large auditorium and one store. Interior finish will be of pine and ornamental plaster. A modern system of heating and ventilation will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being called.

LOS ANGELES, CAL.—Theatre and stores, 1 story and base, brick and steel, \$20,000. Architects, Austin & Pennel, Wright and Callender Bldg., L. A. Owner, Joseph L. Murphy. The building will be erected on a corner site covering an area of 50x150 feet. Beside the theatre there will be two stores. Interior finish will be of pine throughout. Considerable tile and ornamental plaster will be used in the theatre. There will be a modern system of ventilation. A cement floor will be used. Stores will have patent store fronts and plate glass windows. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster and artificial stone. Plans are nearly complete and figures will be taken next week.

LOS ANGELES, CAL.—Theatre, 1 story and base, brick, \$14,000. Archi-

tect Lawrence Valk, Union Oil Bldg., L. A. Owners, H. Lu-tig and M. Gore. The building will be erected on a corner site, and will contain two stores besides a moving picture theatre seating 500 people. Interior finish will be of pine throughout. Construction will be fireproof. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BUILDING — Sealed proposals indorsed "Proposals for Marine Officers' Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., October 18, 1913, and then and there publicly opened for marine officers' quarters, navy yard, Puget Sound, Wash. Amount available, \$34,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL TOWER. DEPARTMENT OF COMMERCE AND LABOR—Lighthouse Service. Office of Lighthouse Inspector, 18th District, New Custom House, San Francisco, Cal.

—SEALED PROPOSALS for furnishing the articles or services specified below will be received at this office until 11:00 a. m., September 23rd, 1913 (Tuesday). Time of delivery: Within 20 days from date of order therefor. Place of delivery: f. o. b. water front, San Francisco, Cal. Description of articles or services desired: One structural steel tower 31 feet in height with accumulator house. Blank proposals, specifications, and other information may be had upon application to this office.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 798—Proposals for the Purchase of Supplies Offered for Sale by the Isthmian Canal Commission, Which are no longer Needed, Such as Drugs and Chemicals, Surgical Instruments, Dressings, Appliances, Sundry Items for Pharmaceutical and Hospital Purposes.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., November 7, 1913, at which time they will be opened in public, for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 798) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer office in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 797—Proposals for Wool Waste, Oakum, Chipped Soap, Coal Tar, Lard Oil, Linseed Oil, White Zinc, Lampblack, Japan Drier, Black Jacket Emamel, Yellow Ochre, Asphaltum Varnish, Rubber Bands, Memorandum Books, Cardboard and Paper.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., September 29, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 797) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building Pine and Battery Street, San Francisco, California, at 11:30 A. M., Thursday, October 2nd, 1913, for Furnishing Ten

Thousand (10,000) Feet Cotton, Rubber-Lined Fire Hose, in accordance with specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco.

By order of the Buildings and Grounds Committee

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific In-

ternational Exposition Company at Room 415, in the Exposition Building, Dining and Battery Streets, San Francisco California at 1130 A. M. Thursday, October 2, 1913 for **Constructing The Court of The Four Seasons**, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Street, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

dining rooms and reception halls. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Tile will be used in the kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling has been designed for a seven-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic, cement plaster on metal lath and a brick veneer base. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$50,000. San Francisco. Architects, H. Geiffus & Son, 46 Kearny St., S. F. Owner's name withheld. This work has been mentioned here before when the architect was first commissioned to prepare plans. The dwelling will be erected on Pacific avenue near Buchanan, and will contain 16 living rooms, servants' rooms & 4 baths. Interior finish will be of pine, mahogany and other hardwoods. Hardwood floors will be used throughout. Rector system and steam heat will be installed. Bath rooms will be finished in tile. Marble will be used extensively in the butler's pantry and kitchen. There will be large open fire places with tile and brick mantels. Automatic water heater and a vacuum cleaning system will also be installed. Exterior of the house will be covered with cement plaster in imitation of cut stone. Plans are complete and figures will be called for at once.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Owner, A. R. Lipham, 1853 McAllister street, S. F. The dwelling will contain six rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble, 363 15th avenue, S. F. The dwelling will be erected on 16th avenue north of Lake, and has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood. Hardwood floor will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. The wainscot will also be used in the kitchen. Exterior of the house will be covered with rustic, ce-

Plans desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Unlucky, Churches, Hotels, etc.

SAN FRANCISCO

APARTMENT HOUSE—3 story and base, frame, \$40,000. San Francisco. Architect, Milton Lichenstein, 111 Ellis street, S. F. Owner, Louise R. Harriothet. The building will be erected at the corner of 14th and Market streets covering an area of 125x80 feet. There will be several stores on the first floor besides the entrance to the apartment house. Upper floors will be subdivided into about thirty suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with elm panels and some hardwood floor. Plans provide for a steam heating system and hot water supply. Bath rooms will have cement floors and tile wainscot. Marble and tile will be used in the entrance. There will be patent store fronts and plate glass windows. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and contracts will be awarded within a short time.

HOTEL, 5 story and base, reinforced concrete, \$25,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny St., S. F. Owner, A. Newman. The building will be erected on the east side of 10 street north of Harrison, and will cover an area of 25x80 feet. There will be two stores and the hotel entrance on the first floor. Upper four floors will contain in the neighborhood of 60 rooms and a number of baths. Interior finish will be of pine and elm. Bath rooms will have cement floors and tile wainscot. Plans provide for steam heat and elevator

service. There will be several rooms so arranged that they may be thrown into suites and will be equipped with all modern conveniences for light housekeeping. Exterior of the building will be faced with cement plaster in imitation of Caen stone. Plans will be complete and out for figures within one week.

HOTEL AND STORES—7 story and base, brick and steel, \$60,000. San Francisco. Architect, C. H. Barrett, 381 Bush St., S. F. Owners, Zellerbach & Levison. This building, which is to be erected on the north side of Turk street between Mason and Taylor streets, has been mentioned here a number of times before. At first it was decided to give the contract out on a percentage basis, but since the owners have placed plans on the open market for figures. The building will contain one store besides the hotel lobby and in the neighborhood of 110 rooms. Interior finish will be of pine and hardwood. All bath rooms will have cement floors and tile wainscot. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are now being figured.

RESIDENCES—2, 2 story and base, frame, \$7,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Matthew A. Little, 1347 14th avenue. These houses will be erected on the west side of 17th avenue north of Lake street. Each dwelling will contain eight rooms and bath. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Hardwood floors will be used in the living rooms,

ment plaster on metal lath and brick veneer base. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$7,500. San Francisco. Architect, Edward G. Garden, Phelan Bldg., S. F. Owner, Mrs. Mary L. Giguere. This dwelling will be erected on San Diego Way in St. Francisco Wood, one of this city's new residence sections. The dwelling will contain eight or nine rooms, baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire place. Mantels will be of brick and tile. Hardwood floors will be used in the principal rooms. Bath rooms and kitchen will have tile wainscot. Composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will shortly be called.

RESIDENCES—1, 2 story and base, frame, \$2,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble, 363 4th avenue, S. F. These dwellings are to be erected on property on 4th avenue near Lake. Each house will contain seven rooms and bath. Interior finish will be of pine, elm and hardwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of brick and tile. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior will be covered with cement plaster, rustic, shiplap and brick veneer base. Plans are now being prepared and when complete the work will be done by Day Labor.

COURT OF THE FOUR SEASONS—Frame construction. Cost not stated. San Francisco. Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Working drawings for the building to be known as the Court of the Four Seasons, one of the most beautiful of the Exposition buildings, have been completed. Bids are now being called for on the general construction. Figures are to be opened by the Buildings and Grounds Committee on October 2nd. Plans and specifications can be obtained from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

PLUMBING, HEATING, VENTILATING AND ELECTRIC WORK ON EXPOSITION AUDITORIUM. Architects, John Galen Howard, John Reid, Jr., and Frederick H. Meyer, associated, S. F. Owners Panama-Pacific International Exposition Co. Bids were received September 18 from twenty-nine contractors on the plumbing, heating, ventilating system and electric work on the Exposition Auditorium which is to be erected in San Francisco's new Civic Center. Bids were asked for on nine distinct propositions. On proposition "A," which included a lump sum bid for all work, no figures were received. Following are the low men on the other eight propositions: Plumbing, heating and ventilating, complete, Kiernan & O'Brien, \$100,796; plumbing only, F. W. Snook, \$23,967; heating and ventilating only, Atlas Heating and Ventilating Co., \$72,690; heating and ventilating as specified under division

No. 1, Victor Engineering Co., \$13,555; same as specified under division No. 2, Atlas Heating and Ventilating Co., \$27,235; same as specified under division No. 3, Peterson-James Co., \$23,500; same under division No. 4, Pacific Blower and Heating Co., \$6,550; electric work, complete, Newbery-Bendheim Co., \$17,400. A complete list of all figures received appears under the heading of San Francisco in this issue.

HORTICULTURAL BUILDING—Frame and steel construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were also opened at Thursday's (September 18) session of the Buildings and Grounds Committee of the Exposition Co. for the general construction of the Horticulture Building. Three propositions were considered. Proposition A with lumber furnished by Exposition Co. Proposition B with lumber furnished and erected by contractor, and Proposition C erecting structural steel. John Monk was low bidder on Proposition A at \$226,218; Streshow-Freeze & Petersen were the only bidders to submit figures on Proposition B, their bid for the complete work being \$319,775. The Golden West Iron Works were the only bidders on Proposition C and \$11,745 for erecting the structural steel and \$20 per ton for receiving, unloading, storing and erecting the steel. A complete list of these figures appears under the heading of San Francisco in this issue.

CHURCH—1 story and base, frame, \$12,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Japanese Mission Church. The Japanese have secured a site on Pine street, in the Japanese quarter, and will shortly commence construction on their new building. The lot covers an area of 56x120 feet, nearly all of which will be occupied by the building. The design is in the Greek Doric style. Besides a main auditorium seating 400 people there will be several Sunday school rooms. Interior finish will be of pine and ornamental plaster. Some art glass will be used. Exterior of the building will be covered with cement plaster. Plans are being prepared.

FLATS—1, 2 story and 1, 3 story, frame, \$2,800 and \$6,900. San Francisco. Architect, Jules Godart, 635 Montgomery street, S. F. Owner, E. Lange. These two buildings will be erected on the north side of Broadway east of Taylor. The three-story structure will face Broadway and the two-story building will be erected on the rear of the same lot. Interior finish will be of pine and elm panels. Some hardwood floors will be used. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. There will be a mosaic floor in the vestibules. Exterior will be covered with rustic, shiplap and a brick veneer base. Plans are complete and figures are being taken.

GARAGE—2 story and base, reinforced concrete, \$18,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owner, Robert Jones. The building will be erected on the north side of Post street west of Polk, and will cover an area of 68 feet 9 inches by 120 feet. Construction will be fireproof throughout with reinforced con-

crete walls and floors. Interior partitions will be of metal lath and plaster. Besides the office and machine shop, there will be considerable storage space. Interior finish will be of pine. Plans provide for metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

CITY HALL—Ornamental granite work. Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Plans are complete and have been approved for the ornamental granite work over the two main entrance pediments on the new City Hall building. Bids are now being called for by the Board of Public Works. Bids will be opened on October 2nd. Plans and specifications can be secured from the Board of Public Works, Temporary City Hall Bldg.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will each contain six rooms and bath, and will be erected on 15th avenue north of California street. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be large open fire places in each of the living rooms. Mantels will be of brick or tile. The wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

STORE AND LOFT ADDITION—2 story and base, brick and steel, \$17,000. San Francisco. Architect, C. W. Dickey, Bank of Savings Bldg., Oakland. Owner, Howard Smith. The present building on Mission street west of 7th is to have a two-story addition. Construction will be of brick and steel. The building covers an area of 65x165 feet. The two new stories will be arranged for lofts. Interior finish will be of pine. Elevator service is provided. There will be metal store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES—1 story and base, brick and steel, \$27,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Holbrook & Maguire. The property at the northwest corner of Clay and the Embarcadero is to be improved at once by the construction of a one-story building covering a large ground area. There will be several stores. Interior finish will be of pine throughout. Plans call for patent store fronts and plate glass windows. A cement floor will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared and bids will be called for within two weeks.

FIRE HOSE—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being taken for furnishing the Exposition Company with 10,000 feet of fire hose. Hose is to be of the common cotton variety lined with rubber. Full particulars can be had from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

Bids will be opened on October 2nd.

STATE EXHIBIT BUILDING—3 story frame and stucco, \$150,000 to \$200,000. San Francisco. Architect's name not given. Owners, State of New York. Plans have been approved by the New York State Commission for the Exhibit building to be erected at the Panama-Pacific International Exposition in 1915. Plans show a structure 220x100 feet. Norman E. Mack of Buffalo is chairman of the State Fair Commission.

Contracts Awarded.

STORES AND OFFICES—6 story and base. Class A construction, \$225,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Trowbridge & Perkins, Contractors. McLaren & Peterson, Sharon Bldg., S. F., general construction only. Contract price, \$225,000.

Exposition Company Opens Many Bids.

Figures for Plumbing, Heating, Ventilating and Electric Work at Auditorium and Other Big Work Opened.

Bids were received from twenty-nine contractors on the plumbing, heating, ventilating system and electric work on the Exposition Auditorium which is to be erected in San Francisco's new Civic Center. Bids were asked for on nine distinct propositions. On proposition "A," which included a lump sum bid for all work, no figures were received. Following are the low men on the other eight propositions: plumbing, heating and ventilating, complete, Kiernan & O'Brien, \$100,796; plumbing only, F. W. Snook, \$23,967; heating and ventilating only, Atlas Heating and Ventilating Co., \$72,690; heating and ventilating as specified under division No. 1, Victor Engineering Co., \$13,555; same as specified under Division No. 2, Atlas Heating & Ventilating Co., \$27,335; same as specified under Division No. 3, Peterson-James Co., \$23,500; same under Division No. 4, Pacific Blower & Heating Co., \$6,550; electric work, complete, Newbery-Bendheim Co., \$17,400.

Bids were also opened at Thursday's session of the Buildings and Grounds Committee of the Exposition Co. for the general construction of the Horticulture Building. Three propositions were considered. Proposition A with lumber furnished by Exposition Co. Proposition B with lumber furnished and erected by contractor and Proposition C erecting structural steel.

John Monk was low bidder on Proposition A at \$226,218; Streshlow-Freeze & Petersen were the only bidders to submit figures on Proposition B, their bid for the complete work being \$319,775. The Golden West Iron Works were the only bidders on Proposition C and asked \$11,745 for erecting the structural steel and \$20 per ton for receiving, unloading, storing and erecting the steel.

All bids submitted for the plumbing, heating, ventilating systems and electric work for the Exposition Auditorium follow:

Proposition B

A lump sum bid for plumbing, heating and ventilating systems complete.
Wittman-Lyman Co. \$107,700
Peterson-James Co. 106,500
Kiernan & O'Brien 100,796

Proposition C

A lump sum bid for plumbing only.
Wittman-Lyman Co. \$25,860
J. G. Sutton Co. 24,860
The Turner Co. 24,230
A. Lettich 30,300
J. Looney Co. 26,800
Burnham Plumbing Co. 26,450
A. Coleman 24,929
F. W. Snook Co. 23,967
F. J. Kinnin 24,417
J. M. Lettich 26,810

Proposition D

A lump sum bid for all heating and ventilating.
Wittman-Lyman Co. \$76,548
Pacific Fire Extinguisher Co. 72,943
R. Dalziel 84,800
Atlas Heating & Ventilating Co. 72,690
J. G. Sutton Co. 74,485
Mangrum & Otter 87,710

Proposition E

A lump sum bid for all work specified under Division 1, heating and ventilating.
Wittman-Lyman Co. \$14,717
Pacific Fire Extinguisher Co. 12,733
R. Dalziel 15,127
Victor Engineering Co. 12,555
Atlas Heating & Ventilating Co. 14,640
J. E. O'Mara 14,595

Proposition F

As in Proposition E under Division 2.
R. Dalziel \$55,180
Victor Engineering Co. 32,000
Atlas Heating & Ventilating Co. 27,235

Proposition G

As in Propositions E and F under Division 3.
Wittman-Lyman Co. \$25,760
Peterson-James Co. 23,500
R. Dalziel 27,217

Proposition H

As in Propositions E, F, and G under Division 4.
Wittman-Lyman Co. \$6,650
R. Dalziel 8,075
Pacific Blower & Heating Co. 6,550

Proposition I

A lump sum bid for electric work, complete.
The Turner Co. \$21,445
Rex Elec. Constr. Co. 28,787
Decker Elec. Co. 21,489
Standard Elec. Constr. Co. 22,774
A. E. Brook Ridley 22,798
Globe Elec. Works 27,965
H. S. Tuttle 20,500
McPell Elec. Co. 22,585
Newbery-Bendheim Co. 17,400
Butte Eng. & Elec. Co. 22,500
Bay Counties Elec. Constr. Co. (rejected. No check) 43,500

General Construction Horticulture Building.

The following is a complete list of all figures submitted for the general construction of the Horticulture Building. Proposition A asked for figures with the Exposition Company furnishing the lumber, certain deductions and unit prices as are noted below. Proposition B a bid with lumber furnished by the contractor, certain deductions and unit prices as noted below and on Proposition C erecting structural steel

and also a unit price per ton for receiving, unloading, storing and erecting:

Proposition A

One—Building complete, Exposition Company to furnish lumber.

Bidders—(1) Streshlow-Freeze and Petersen; (2) Connary-Peterson Co.; (3) J. D. Hannah; (4) John Monk.

(1) \$269,575; (2) \$237,860; (3) \$233,773; (4) \$226,218.

Two—Deduct for all work specified under structural steel erection.

(1) \$15,000; (2) \$12,750; (3) \$13,000; (4) \$12,000.

Three—Deduct for omission of all cold water paint.

(1) \$2,200; (2) \$2,700; (3) \$2,500; (4) \$2,800.

Unit Prices.

(a) Lumber furnished and erected by Contractor.

(1) \$40 per M ft. B. M.; (2) \$35 per M ft. B. M.; (3) \$35 per M ft. B. M.

(b) Lumber furnished by Exposition Company, in place.

(1) \$20 per M ft. B. M.; (2) \$15 per M ft. B. M.; (3) \$15 per M ft. B. M.

(c) Truss rod, plates, iron washers, etc.

(1) \$75 per ton; (2) \$80 per ton; (3) \$75 per ton.

(d) Plastering on sheathing.

(1) \$.50 per sq yd; (2) \$.30 per sq yd; (3) \$.30 per sq yd.

(e) Plastering on metal lath.

(1) \$.90 per sq yd; (2) \$.75 per sq yd; (3) \$.75 per sq yd.

(f) Concrete in place.

(1) \$12 per cu yd; (2) \$12.50 per cu yd; (3) \$12.50 per cu yd.

(g) Reinforcing steel in place.

(1) \$.04 per lb.; (2) \$.04 per lb.; (3) \$.03½ per lb.

(h) Erecting structural steel.

(1) \$24.50 per ton; (2) \$27 per ton; (3) \$27 per ton.

(i) Prepared roofing in place.

(1) \$3 per square; (2) \$3 per square; (3) \$3.25 per square.

Proposition B

One—Building complete, contractor to furnish lumber.

Bidder—Streshlow-Freeze & Petersen (1) \$319,775.

Two—Deduct for all work specified under structural steel erection (1) \$15,000.

Three—Deduct for omission of all cold water paint (1) \$2,200.

Four—Unit prices.

(a) Lumber in place (1) \$40 per M ft. B. M.

(b) Truss rods, plates, iron washers, etc., (1) \$75 per ton.

(c) Plastering on sheathing (1) \$.50 per square yard.

(d) Plastering on metal lath (1) \$.90 per square yard.

(e) Concrete in place (1) \$12 per cubic yard.

(f) Reinforcing steel in place (1) \$.04 per lb.

(g) Erecting structural steel (1) \$24.50 per ton.

(h) Prepared roofing in place (1) \$3.00 per square.

Proposition C

1—All work specified under structural steel erection.

2—Price per ton for receiving, unloading, storing and erecting structural steel.

Bidder—Golden West Iron Works. (1) \$11,745; (2) \$20 per ton.

General Lockout Averted.

**State Building Trades Council Concedes
the Demands of the Local Con-
tractors.**

As predicted in the "Builder" last Saturday the threatened tie up of the entire building industry in San Francisco and Oakland was amicably settled and the storm was safely weathered late Friday night, when, in the presence of representatives of both the contractors and organized labor, a formal agreement to arbitrate their differences for a period not to exceed ninety days was signed by R. B. Moore, president of the Building Trades Employer's Association, and P. H. McCarthy, president of the State Building Trades Council.

The agreement was reached in the headquarters of the Building Trades Employers' Association in the Pacific Building, after repeated conferences between committees for each side. As a result construction work on a number of large jobs in both San Francisco and Oakland which has been halted for the past two weeks will be resumed at once and be continued during the period of arbitration.

That a lockout affecting more than 10,000 workmen engaged in the building trades of this city was averted by the amicable solution reached Friday night, was the statement of R. B. Moore and others prominent in the organizations of general contractors. This was the ultimatum held out by the contractors in case the Building Trades Council refused definitely to arbitrate their differences.

Through the agreement thus rendered the structural iron workers have gone back to work at their old hours as did also the hoisting engineers, but the question of the hours and pay of the latter will be the subject of arbitration in the meantime.

Much satisfaction was expressed among the contractors at the acceptance by the Building Trades Council of the arbitration plan and also in averting an ugly labor difference.

"The Building Trades Council has met our demand for arbitration," said R. B. Moore, "and a formal agreement has been entered into whereby arbitration for a period not to exceed ninety days will be resorted to in an effort to satisfactorily settle all disputes between the contractors and their employees."

President P. H. McCarthy also stated that the Building Trades Council had finally approved of the arbitration plan. He, however, endeavored to minimize the seriousness of the situation.

Charles W. Gompertz, president of the General Contractors' Association, declared that the question for the contractors had not been one of wages or length of working hours.

"What we want is an assurance that in all cases of disputes or misunderstanding both sides will be given ninety days' time within which to set forth their grievances and endeavor to reach a peaceful solution through arbitration, during which time the work can go on without interruption. This subverses

the best interests of the workman, the contractor and the general public."

RAIN STOPS FOREST FIRE.

STEVENSON (Wash.), September 22.—A heavy rain Sunday put a check on the forest fire which had raged near Carson for 36 hours. One ranch house and several thousand cords of fire wood were burned. J. G. Harris, Ross Innman and the Yeoman Lumber Company are the heaviest losers of standing timber.

Building Contracts Awarded San Francisco.

3337	Perangg	Leibacher	800
3338	Mattson	Mattson	1500
3339	Frank	Barrett	1990
3390	Hahn	Hahn	1250
3391	Bliss	Peterson	4200
3392	Buckberg	Prout	2500
3393	Buckley	Buckley	7000
3394	Kast	Daniel	3100
3395	Lange	Lange	2800
3396	Same	Same	6900
3397	Braak	Pasqualetti	1930
3398	Connor	Roberts	6660
3399	Kruse	Wengard	7740
3400	Lachman	Schwartz	4675
3401	Budis	Hefner	2200
3404	Same	Higgins	28K3
3405	Same	Neal	1000
3406	Thelsen	Chittenden	1850
3407	Fadecff	Fadecff	1400
3408	Scoble	Scoble	5000
3409	Keefe	Van Herick	2178
3410	Lapham	Lapham	2000
3412	Dandero	Dandero	1000
3413	Burton	Burton	1000
3414	Haufe	Haufe	4000
3415	Keife	Van Herick	2178
3416	Boyd	Bryant	10695
3417	Salomon	Yadala	5190
3418	Nasser	Higginson	2250
3419	Anderson	Anderson	1400
3420	Same	Same	1400
3421	Same	Same	1400
3422	Same	Same	1400
3423	Same	Same	1400
3424	Same	Same	1400
3425	Morris	Morris	2150
3426	Wythe	Brown	5000
3427	Sovetti	Paganano	4500
3428	Panama-Pacific	Palmer	4500
3429	Union Trust	Monson	4345
3430	Cobb	Warner	1190
3431	Scott	Yates	6325
3432	Brusher	Stiefel	2475
3433	Walker	Marcussen	1703
3434	Andrews	Runge	3000
3435	R C Archbishop	O'Mara	1754
3436	Same	Same	3500
3437	Frank	Barrett	2475
3438	Dahl	Dahl	1500
3441	Drew	Drew	700
3442	Franklin Rly	Owner	9000
3443	Doheney	McCausland	6000
3444	Sommers	Swan	625
3445	Little	Little	7000
3446	Same	Same	7000
3447	Rolkin	Rolkin	1200
3448	Haynes	Moore	2650
3449	Egeberg	Pront	7050
3450	Lindimann	Brown	3275
3451	See Clair	Bessett	2749
3452	Meyer	G G Steel Inc	2325
3453	P P I E Co.	U S Steel Inc	\$4890
3454	Same	Williams	18675
3455	Sacred Heart	Powers	7085
3456	McLaughlin	Roberts	2500
3457	Somers	Smith	900
3458	Nelson	Nelson	2500
3459	Cambridge	Dilks	950
3460	Nelson	Nelson	2500
3461	Haner	Tarbett	1900
3462	Hener	Tarbett	2375
3463	Brown	Brown	1500
3464	Doheney	McCausland	5915
3465	Simpson	Verne	3500
3377	Parna	Camilli	1200
3378	Brack	Pasqualetti	1800
3379	Nelson	Nelson	2000
3380	Simpson	Verne	3000
3381	California Cafe	Glaser	1400
3382	Costello	Costello	2000
3383	O'Keefe	Hofn	2900
3384	Wardell	Wardell	2800
3385	Murphy	Thunberg	5600
3386	Wright	Leiter	12550

(3387) E DIAMOND 188 S Moffitt.
One-story and basement frame dwlg.
Owner.....M. Perangg, 2555 Diamond,
San Francisco.
Architect...None.

Contractor..Jacob Leibacher, 110
Swiss Ave., San Francisco.
COST, \$800

(3388) E NEWTON 100 N Morse.
One-story and basement frame dwlg
Owner.....Albert Mattson, 3919 Pol-
son, San Francisco.
Architect...None.
Day's work. COST, \$1500

(3389) S POST 162-6 E Gough. One-
story Class "C" printing plant.
Owner.....Frank Printing Co.
Architect...L. M. Hausman, 422 Shar-
on Bldg., San Francisco.
Contractor..Barrett & Help, 422
Sharon Bldg., S. F.
COST, \$1990

(3390) NE FOLSOM AND THIRD.
One-story frame saloon and store.
Owner.....Wilhelm Hahn, 1253 Bush,
San Francisco.
Architect...John W. Heising, 819 Mis-
sion, San Francisco.
Day's work. COST, \$1250

(3391) NE LYON AND VALLEJO.
Concrete foundation only for frame
residence.
Owner.....Edith P. Bliss, 2758 Green
San Francisco.
Architect...Bliss & Faville, 1001
Balboa Bldg., S. F.
Contractor..H. L. Peterson, 62 Post,
San Francisco.
COST, \$4200

(3392) W DEVISADERO 125 N Mc-
Allister. Three-story and basement
frame flats.
Owner.....S. D. Egeberg, 910-A De-
visadero, San Francisco.
Architect...None.
Contractor..J. Prout, 2030 Turk, S. F.
COST, \$5500

(3393) N MARKET 163 W Marshall
Square. Add one-story brick to bldg
Owner.....Dr. C. F. Buckley, Gunst
Bldg., San Francisco.
Architect...M. J. Lyon Co., 14 Mont-
gomery, San Francisco.
Day's work. COST, \$7000

(3394) S OAK 112-6 W Gough. Two-
story and basement frame residence.
Owner.....Marie Regina Kart, 426
Oak, San Francisco.
Architect...None.
Contractor..W. H. Daniel, 1442 Dolores
San Francisco.
COST, \$3100

(3395) N BROADWAY 137-6 E Taylor
(rear). Two-story and basement
frame flats.
Owner.....E. Lange, Care Architect.
Architect...J. Godart, 635 Montgomery
San Francisco.
Day's work. COST, \$2800

(3396) N BROADWAY 137-6 E Taylor.
Three-story and basement frame
flats.
Owner.....E. Lange, Care Architect.
Architect...J. Godart, 635 Montgomery
San Francisco.
Day's work. COST, \$6900

(3397) E EIGHTEENTH AVE 175 N
Lake E 120 N 50-9 1/2 SW 92-4 W 28-6
S 41-S. Excavating, forms, concrete
and steel bars for reinforced con-
crete retaining wall and back filling
for same.

Owner.....J. Bruck, 2405 Larkin, S. F.
Architect...E. T. Foulkes, Crocker
Bldg., San Francisco.

Contractor...J. Pasqualetti, 748 Union,
San Francisco.

Filed Sept. 15, '13. Dated Sept. 15, '13.
Concrete walls completed.....\$1190
Entire wall completed.....225
Usual 35 days.....475

TOTAL COST, \$1890

Bond, none. Limit, 15 days after Sept.
15 and filling as fast as practical. For-
feit, none. Plans and specifications
filed.

(3398) NW CHURCH AND ARMY N
33xW 80. All work for two-story
frame stores and flats.

Owner.....Dudley Connor, 62 Turk,
San Francisco.

Architect...B. J. S. Cahill, 571 Cali-
fornia, San Francisco.

Contractor...L. J. Roberts, 92 Ramona
Ave., and J. B. Woolfrey,
3168 21st, San Francisco.

Filed Sept. 15, '13. Dated Sept. 13, '13.
Frame up and rafters on.....\$1245
Rough plaster on.....1250
Finish plaster on.....1250
Completed and accepted.....1250
Usual 35 days.....1665

TOTAL COST, \$6660

Bond, \$3330. Surety, Massachusetts
Bonding & Ins. Co. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

(3399) S COLLEGE TERRACE 200' W
Mission S 52-8xW 75. All work for
3 one and one-half-story frame
buildings.

Owner.....J. H. Kruse, 3141 23rd,
San Francisco.

Architect...Jos. M. Geary, 52 Walter,
San Francisco.

Contractor...C. Wengard, 3638 Judah,
San Francisco.

Filed Sept. 15, '13. Dated Sept. 13, '13.
Frames up\$1935
Houses brown coated.....1935
Houses accepted1935
Usual 35 days1935

TOTAL COST, \$7740

Bond, limit, forfeit, none. Plans and
specifications filed.

(3400) W KEARNY 25 N California N
30xW 50-5. All work for one-story
store building.

Owner.....Gustave and Edw. Lach-
man, 310 Locust, S. F.

Architect...Heiman & Schwartz,
Nevada Bank Bldg., S. F.

Contractor...C. E. McMullin & Co., 534
Cole, San Francisco.

Filed Sept. 15, '13. Dated Sept. 13, '13.
Roof on\$1168.75
Brown coated1168.75
Completed and accepted.....1168.75
Usual 35 days.....1168.75

TOTAL COST, \$4675.00

Bond, \$2337.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 25
days. Forfeit, none. Plans and specifi-
cations filed.

(3401) SE PINE & LEAVENWORTH
E 37-6xS 57-6. Galvanized iron, orna-
mental cornice, ornamental bay win-
dow work and all other sheet metal
work and patent flues for four-story
and basement brick stores and apart-
ments.

Owner.....Theo. E. Rulfs, Pine and
Leavenworth, S. F.

Architect...Rousseau & Rousseau, Mo-
relock Bldg., S. F.

Contractor...Lewis Helper, 236 Cle-
ment, San Francisco.

Filed Sept. 15, '13. Dated Sept. 12, '13.
75% of work done.....\$1200
Completed and accepted.....1200
Usual 35 days.....500

TOTAL COST, \$3200

Bond, \$1600. Surety, National Surety
Co. Limit, as soon as possible. For-
feit, none. Plans and specifications
filed.

(3402) STEAM HEATING SYSTEM
with radiators on above.

Contractor...Atlas Heating & Ventilat-
ing Co., Freelon & 4th,
San Francisco.

Filed Sept. 15, '13. Dated Sept. 12, '13.
Roughed in\$232
Completed and accepted.....242
Usual 35 days.....132

TOTAL COST, \$646

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifi-
cations filed.

(3403) ELECTRICAL WIRING, CON-
duit work, switches, electric clock,
telephones, bell work and letter
boxes on above.

Contractor...American Elec. Co., 755
Polson, San Francisco.

Filed Sept. 15, '13. Dated Sept. 12, '13.
All work roughed in.....60%
Completed and accepted.....Balance
TOTAL COST, \$621

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(3404) PLUMBING, GAS PIPING,
water piping, circulating hot water
system, sewer work and plumbing
fixtures on above.

Contractor...Chas. W. Higgins, 1306
Shrader, San Francisco.

Filed Sept. 15, '13. Dated Sept. 12, '13.
Plumbing roughed in.....\$1075.50
Completed and accepted.....1075.50
Usual 35 days.....717.00

TOTAL COST, \$2368.00

Bond, \$1434. Surety, Massachusetts
Bonding & Insurance Co. Limit, as
soon as possible. Forfeit, none. Plans
and specifications filed.

(3405) PAINTING, VARNISH, TINT-
ing and papering on above.

Contractor...L. J. Neal, 461 Hayes,
San Francisco.

Filed Sept. 15, '13. Dated Sept. 12, '13.
75% of work finished.....\$375
Completed and accepted.....375
Usual 35 days.....250

TOTAL COST, \$1000

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(3406) — PERSIA AVE 25 W Madrid.
Foundation, rat proofing, carpenter,
plumbing, plaster, hardware, lumber
and mill work for five-room cottage.

Owner.....Louis Theisen, 310 Persia
Ave., San Francisco.

Architect...None.

Contractor...W. H. Chittenden, 111
Flood Ave., San Francisco.

Filed Sept. 15, '13. Dated Sept. 10, '13.
Frame up and rafters on.....\$465
Brown coated and outside work
done585
Completed and accepted.....400
30 days after.....400

TOTAL COST, \$1850

Bond, none. Limit, 90 days after Sept.
12. Forfeit, none. Plans and specifi-
cations filed.

(3407) W RHODE ISLAND 25 S 20th.
Two-story and basement frame resi-
dence.

Owner.....Nicholas Fadeeff, 854
Rhode Island, S. F.

Architect...O. E. Evans, 2367 Mission,
San Francisco.

Day's work. COST, \$1800

(3408) E SIXTEENTH AVE 130 N
Lake. Two-story and basement
frame dwelling.

Owner.....Thos. Scoble, 363 14th Ave.
San Francisco.

Architect...E. E. Young, 251 Kearny,
San Francisco.

Day's work. COST, \$5000

(3409) E TWENTY-THIRD AVE 90 S
Ulloa. One-story and basement
frame dwelling.

Owner.....Frank C. Keefe, 1310 10th
Ave., San Francisco.

Architect...None.

Contractor...Wm. Van Herick, 218 23rd
Ave., San Francisco.

COST, \$2178

(3410) E EIGHTEENTH AVE 150 S
Anza. Two-story and basement
frame dwelling.

Owner.....A. R. Lapham, 1853 Mc-
Allister, S. F.

Architect...None.

Day's work. COST, \$2000

(3411) N CABILLO 25 E 49th Ave.
One-story and basement frame dwlg.

Owner.....Dr. W. Burns, 48th Ave &
Judah, San Francisco.

Architect...None.

Contractor...C. Hughes, 1452 48th Ave.,
San Francisco.

COST, \$600

(3412) W DAWTON 275 S Springdale.
One-story and basement frame dwlg.

Owner.....P. Dandera, 71 Rotteck,
San Francisco.

Architect...None.

Day's work. COST, \$1000

(3413) N GREENWICH 155 W Octavia
Two-story frame wagon and hay
shed.

Owner.....G. Buron, 1835 Union,
San Francisco.

Architect...L. Traverso, 854 Union,
San Francisco.

Day's work. COST, \$1800

(3414) E TWENTY-FIRST AVE 255 S
Clement. Two-story and basement
frame residence.

Owner.....C. W. Haufe, 2900 Bush,
San Francisco.

Architect...None.

Contractor...Haufe & Eckert, 2900
Bush, San Francisco.

COST, \$4000

(3415) E TWENTY-SECOND AVE 90
S Ulloa. All work for one-story
frame cottage.

Owner.....Frank C. Keefe.

Architect...I. Mohr.

Contractor...Wm. Van Herick, 218 23rd
Ave., San Francisco.

Filed Sept. 16, '13. Dated Sept. 15, '13.
Frame up and roofing done.....\$544

Brown coated and rough plumb-
ing in544
Completed and accepted.....544
Usual 35 days.....546

TOTAL COST, \$2178

Bond, \$1089. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 80 days.



HOBART OFFICE BUILDING ON LOWER MARKET STREET
San Francisco

Willis Polk & Co., Architects
San Francisco



SATHER CAMPANILE AT U OF C
Berkeley, Cal.

John Galen Howard, Architect
San Francisco



Forfeit, none. Plans and specifications filed.

(2416) N HOWARD 375 E 5th N 80 W 100 N 5 E 125 S 160 W 25. All work two-story Class "C" brick loft building.

Owner.....Boyd Investment Co.
Architect.....O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor.....A. W. Bryant, 1247 9th Ave., San Francisco.

Filed Sept. 16, '13. Dated Aug. 25, '13.
On 1st and 15th of each month. 75%
Usual 35 days.....25%

TOTAL COST, \$10,395

Bond, \$5200. Sureties, Eugene L. Swift and R. H. Flaherty. Limit, 70 days. Forfeit, none. Plans and specifications none.

(3417) W TRENTON 2-6 N Jackson N 25xW 57. All work for two-story and basement Class "C" building, a portion of which is already completed
Owner.....Maurice Salomon and Arthur Gosliner, Humboldt Bank Bldg., S. F.
Architect.....C. O. Clausen, Phelan Bldg., San Francisco.

Contractor.....V. Vadala.
Filed Sept. 16, '13. Dated Sept. 15, '13.
2nd floor joists set.....\$1275
Brown coated.....1275
Completed and accepted.....1275
Usual 35 days.....1275

TOTAL COST, \$5100

Bond, \$2550. Surety, Southwestern Surety Ins. Co. Limit, 90 days. Forfeit none. Plans and specifications filed.

(3418) SE MARKET 43 SW Noe SW 62-2% S 88-4% E 80 N 42-9% W 32-8 N 86-0%. All work except electric work, finish hardware and seats for one-story moving picture building.
Owner.....Wm. and Elias Nasser.
Architect.....W. G. Hind, 46 Kearny, San Francisco.

Contractor.....Higginson Co., Humboldt Bank Bldg., S. F.

Filed Sept. 16, '13. Dated Sept. 16, '13.
Rustic and roof boards on.....\$1250.00
Brown coated.....1250.00
Completed and accepted.....1250.00
Usual 35 days.....1250.00
30 days after usual 35 days.....312.50
60 days after usual 35 days.....312.50
90 days after usual 35 days.....312.50
120 days after usual 35 days.....312.50

TOTAL COST, \$6250.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3419) S EDINBURGH 25 E Avalon. One-story and basement frame dwlg.
Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect.....None.
Day's work.....COST, \$1400

(3420) S EDINBURGH 50 E Avalon. One-story and basement frame dwlg.
Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect.....None.
Day's work.....COST, \$1400

(3421) S EDINBURGH 75 E Avalon. One-story and basement frame dwlg.
Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect.....None.
Day's work.....COST, \$1400

(3402) S EDINBURGH 100 E Avalon. One-story and basement frame dwlg.
Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect.....None.
Day's work.....COST, \$1400

(3423) S EDINBURGH 125 E Avalon. One-story and basement frame dwlg.
Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect.....None.
Day's work.....COST \$1400

(3424) S EDINBURGH 150 E Avalon. One-story and basement frame dwlg.
Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect.....None.
Day's work.....COST, \$1400

(3425) E TWELFTH AVE 50 S Anza. Two-story and basement frame residence.
Owner.....A. T. Morris, 616 9th Ave., San Francisco.

Day's work.....COST, \$2150

(3426) W MERCEDES WAY 150 N Cedro. One and one-half-story and basement frame residence.

Owner.....Fred S. Wythe, 920 Taylor San Francisco.

Architect.....W. J. Wythe, Central Bk Bldg., Oakland.

Contractor.....S. E. Brown, 1434 6th Ave., San Francisco.

COST, \$5000

(3427) S PFEIFFER 22-6 W Grant Ave. Three-story and basement frame (3) flats.
Owner.....P. Sovetti.

Architect.....None.
Contractor.....H. Pagano, 48 Allen St., San Francisco.

COST, \$4500

(3428) EXPOSITION SITE. Rock for roadways.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect.....None.
Contractor.....Palmer, McBryde and Quayle, Monadnock Bldg., San Francisco.

Filed Sept. 17, '13. Dated Sept. 3, '13.
On completion.....75%
Usual 35 days.....25%
70,000 cubic yards and above 97½¢ per cubic yard; 40,000 cubic yards 1.17½¢; for any amount bet 70,000 and 40,000 cubic yards 97½¢ plus 1-15¢ for each 100 cubic yards.

Bond, \$50,000. Surety, United States Fidelity & Guaranty Co. Limit, 16 months. Forfeit, none. Specifications only filed.

(3429) N EDDY 105-8 E Webster E 25xN 120. All work for two-story and basement frame flats.

Owner.....Union Trust Co., Gdn Est. Wm. B. Ketter, J. C. Ketter Mary E. Ketter, Sarah K. Ketter and Mildred P. Ketter, Market and Grant Ave San Francisco.

Architect.....Sylvain Schnaittacher, 1st National Bank Bldg., S. F.

Contractor.....Monson Bros., 1907 Bryant, San Francisco.

Filed Sept. 17, '13. Dated Sept. 11, '13.
Roof on.....\$1086
Brown coated.....1086
Completed and accepted.....1086

Usual 35 days.....1087
TOTAL COST, \$4245
Bond, \$2183. Surety, Maryland Casualty Co. of Baltimore. Limit, 85 days. Forfeit, none. Plans and specifications filed.

(3430) NO. 54 COMMONWEALTH AVE to E Commonwealth Ave 200 S California S 33-4xE 120-5 WA 827. Moving, underpinning, connect sewers, gas and water pipes, electric light and phone wires, chimneys, etc., steps and front entrance for two-story frame building.

Owner.....W. H. Cobb, Humboldt Bk. Bldg., San Francisco.

Architect.....Fred B. Wood, 2211 Steiner, San Francisco.

Contractor.....J. C. Warner & Sons, 421 Presidio Ave., S. F.

Filed Sept. 17, '13. Dated Sept. 10, '13.
Building moved and placed on new foundations.....\$890
Usual 35 days.....300

TOTAL COST, \$1190

Bond, none. Limit, 60 days. Forfeit, \$4. Specifications only filed.

(3431) N CORNWALL 85 W Second Ave W 25 N 36.82 th along S line California to pt 85 feet from W line Second Ave th along W line 2nd Ave 99.40 to beg. All work for three-story and attic frame residence and studio.

Owner.....Ethel Grant Scott, 3923 California, San Francisco.

Architect.....Martin A. Schmidlin, 310 Lick Bldg., San Francisco.

Contractor.....William F. Yates, 310 Lick Bldg., San Francisco.

Filed Sept. 17, '13. Dated Sept. 8, '13.
Frame up and enclosed.....\$1580
Brown coated.....1580
Completed and accepted.....1580
Usual 35 days.....1585

TOTAL COST, \$6325

Bond, none. Limit, 110 days after Sept. 15. Forfeit, none. Plans and specifications filed.

(3432) W EIGHTH AVE 175 S Cabrillo S 25xW 120. All work for two-story frame residence.

Owner.....J. J. Brushner, 620 Second Ave., San Francisco.

Architect.....Jno. V. Stiefel, 633 Anza, San Francisco.

Contractor.....Jno. V. Stiefel, 633 Anza, San Francisco.

Filed Sept. 17, '13. Dated Sept. 10, '13.
Frame up.....\$961
Brown coated.....961
Finished.....961
Usual 35 days.....962

TOTAL COST, \$3845

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed

(3433) N ALMA AVE near Cole. Reconstruction and repairs of frame residence partially destroyed by fire.
Owner.....Mrs. Dora O. Walker.
Plans by.....McClure Contracting Company.

Contractor.....Marcus Marcussen, 19 Devisadero, San Francisco.

Filed Sept. 17, '13. Dated Sept. 16, '13.
On completion.....\$1277 25
Usual 35 days.....425 75

TOTAL COST, \$1703 00

Bond, \$1723. Surety, Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Specifications only filed.

(3434) SW WASHBURN AVE 192-6
NW Howard NW 27-6xSW 56-8 MB 3.
All work for two-story frame flats.
Owner.....Jas. I. Andrews, 1597 Jack-
son, San Francisco.

Architect...None.

Contractor...Louis H. Runge.

Filed Sept. 17, '13. Dated Sept. 17, '13.
Frame up and roof rafters in....\$750
Brown coated 750
Completed and accepted..... 750
Usual 35 days..... 750

TOTAL COST, \$3000

Bond, \$1500. Surety, The Title Guar-
anty & Surety Co. Limit, 120 days
after Sept. 22. Forfeit, \$2. Plans and
specifications filed.

(3435) NW ELLIS AND FRANKLIN
Heating, etc., for school building for
Sacred Heart College.

Owner.....Roman Catholic Arch-
bishop of S. F.

Architect...Frank Shea and John C.
Loquist, 55 Montgomery,
San Francisco.

Contractor...J. E. O'Mara.

Filed Sept. 17, '13. Dated July 28, '13.
On 1st of each month..... 75%
Usual 35 days.....\$140

TOTAL COST, \$1754

Bond, none. Limit, quickly as possible.
Forfeit, none. Plans and specifica-
tions filed.

(3436) SEWERING, PLUMBING AND
gas fitting on above.

Contractor...Frederick W. Snook Co.,
594 Clay, San Francisco.

Filed Sept. 17, '13. Dated July 28, '13.
Payments same as above.....

TOTAL COST, \$3500

Bond, none. Limit, quickly as possible
Forfeit, none. Plans and specifica-
tions filed.

(3437) S POET 162-6 V. Franklin W
75xS 137-6. All work except plumb-
ing, electrical work and heating for
one-story reinforced concrete print-
ing plant.

Owner.....George W. Frank (as
Frank Printing Co.)

Engineer...L. M. Hausmann, Sharon
Bldg., San Francisco.

Contractor...Barrett & Hilp, Sharon
Bldg., San Francisco.

Filed Sept. 17, '13. Dated Sept. 14, '13.
Wooden frame up ready to pour
concrete\$750 00
Concrete frame poured..... 750 00
Completed and accepted..... 356 25
Usual 35 days..... 618 75

TOTAL COST, \$2475 00

Bond, \$1238. Surety, Fidelity & De-
pot Co. of Maryland. Limit, 60 days
after Sept. 16. Forfeit, \$10. Plans and
specifications filed.

NOTE:—1st report Sept. 16, No. 3389.

(3438) N BALBOA 85 W 20th Ave.
One-story and basement frame dwlg.

Owner.....E. Dahl, 539 3rd Ave.,
San Francisco.

Architect...None.

Day's work..... COST, \$1500

(3439) E COMMONWEALTH AVE 235
N Euclid Ave. Construct concrete
foundation and repairs in basement.

Owner.....W. H. Cobb, 54 Common-
wealth Ave., S. F.

Architect...Fred B. Wood, 2211
Steiner, San Francisco.

Contractor...J. C. Warner & Sons, 421
Presidio Ave., S. F.

TOTAL COST, \$900

(3440) SE EDDY AND TAYLOR.
Electric sign.

Owner.....Dr. Poheim, Premises.

Architect...None.

Day's work..... COST, \$800

(3441) E SIXTEENTH AVE 85 N
Judah. One-story frame stable.

Owner.....C. B. Drew, 1840 Market,
San Francisco.

Architect...None.

Day's work..... COST, \$790

(3442) E LARKIN 137-6 N Sutter.
Three-story brick (15) apartments.

Owner.....Franklin Realty Co., 79
Clementina, San Francisco

Architect...August Nordin, Mills Bldg
San Francisco.

Day's work..... COST, \$9000

(3443) N SIXTEENTH 158 W Noe.
Three-story frame flats.

Owner.....Mrs. Annie Dohoney, 16th
near Noe, San Francisco.

Architect...Rhodes & Marisch, 3372
16th, San Francisco.

Contractor...Geo. V. McCausland, 4173
23rd, San Francisco.

COST, \$6000

(3444) NO. 34 ELLIS. Erect 20x30
sign with galvanized iron frame.

Owner.....Sommers & Herts, 660
Market, San Francisco.

Architect...None.

Contractor...Swan "The Painter," 756
Folsom, San Francisco.

COST, \$625

(3445) W SEVENTEENTH AVE 125
N Lake. Two-story, basement and
attic frame dwelling.

Owner.....Matthew A. Little, 1347 4th
Ave., San Francisco.

Architect...E. E. Young, 251 Kearny,
San Francisco.

Day's work..... COST, \$7000

(3446) W SEVENTEENTH AVE 150
N Lake. Two-story basement and
attic frame dwelling.

Owner.....Matthew A. Little, 1347 4th
Ave., San Francisco.

Architect...E. E. Young, 251 Kearny,
San Francisco.

Day's work..... COST, \$7000

(3447) NW SIXTH AND FOLSOM.
One-story and basement brick stores

Owner.....Edward Rolkin, Argonaut
Hotel, San Francisco.

Architect...None.

Day's work..... COST, \$1200

(3448) NOS. 455-459 LINDEN AVE.
Two-story and basement frame (2)
flats.

Owner.....Mrs. A. T. Haynes, 458
Fell, San Francisco.

Architect...None.

Contractor...F. C. Moore, 522 Fell,
San Francisco.

COST, \$2650

(3449) W DEVISADERO 125 N Mc-
Allister N 25xW 125. All work except
grading, plumbing, gas and electric
fixtures, gas and coal grates and
wall beds for three-story and base-
ment frame flats.

Owner.....Santa D. Egeberg.

Architect...None.

Contractor...Joshua Prout, 2020 Turk.
San Francisco.

Filed Sept. 18, '13. Dated Sept. 16, '13.
Roof on\$1757

Enclosed and brown coated.... 1757

Completed and accepted..... 1757
Usual 35 days..... 1759

TOTAL COST, \$7050

Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(3450) NE TWENTY-SECOND AND
Dolores E 37-6xN 94. All work ex-
cept plumbing and gas fitting for
alterations and additions to two-
story frame store and flat.

Owner.....Chas. Lindimann, 2218
Geary, San Francisco.

Architect...M. J. Welsh, 22nd and
Mission, San Francisco.

Contractor...Alexander O. Brown, 1759
Dolores, San Francisco.

Filed Sept. 18, '13. Dated Sept. 17, '13.
Prown coated\$568.75

Interior finish on..... 568.75

Completed 568.75

Usual 35 days..... 568.75

TOTAL COST, \$2275.00

Bond, \$1138. Surety Maryland Casualty
Co. Limit, 60 days after Sept. 20. For-
feit, \$3. Plans and specifications filed.

(3451) W TWENTY-NINTH AVE 50 S
California S 25xR55. All work except
painting, plumbing and electric wir-
ing for two-story frame residence.

Owner.....Ellen K. St. Clair.

Architect...John J. Foley, 46 Kearny,
San Francisco.

Contractor...C. H. Bessett, 343 29th Ave
San Francisco.

Filed Sept. 18, '13. Dated Sept. 12, '13.
Rough roof on.....\$687.25

Brown coated 687.25

Completed and accepted..... 687.25

Usual 35 days..... 687.25

TOTAL COST, \$2749.00

Bond, \$1300. Surety, Jno. H. Riordan.
Limit, 80 days. Forfeit, none. Plans
and specifications filed.

(3452) N BUSH 121-5½ W Polk.
Structural iron and paint same for
building.

Owner.....L. A. Myers by O. W. Britt,
330 Ivy Ave., S. F.

Architect...None.

Contractor...Golden Gate Structural
Iron Works, 1479 Mission,
San Francisco.

Filed Sept. 18, '13. Dated Aug. 14, '13.
On 1st of each month..... 75%

Usual 35 days..... 20%

TOTAL COST, \$2225

Bond, \$1668.75. Surety, Massachusetts
Bonding & Insurance Co. Limit, none.

Forfeit, none. Plans and specifications
none.

(3453) EXPOSITION SITE. Structural
steel and iron work for Fine Arts
Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...B. R. Maybeck, Lick Bldg.,
San Francisco.

Contractor...U. S. Steel Products Co.,
Rialto Bldg., S. F.

Filed Sept. 18, '13. Dated Sept. 15, '13.
As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$34,890

Bond \$15,000. Surety, United States
Fidelity & Guaranty Co. Limit, 120
days. Forfeit, \$75. Plans and speci-
fications filed.

(3454) FURNISHING, FABRICATING
and erecting of structural steel and
iron work on above.

Contractor...J. G. Williams Construction
Co., 4123 20th, S. F.

Filed Sept. 18, '13. Dated Sept. 15, '13.
 Payments same as above.....
 TOTAL COST, \$18,676
 Bond, \$10,000. Surety, Maryland Casualty Co. Limit, 190 days. Forfeit, \$75. Plans and specifications filed.

(3455) NW JACKSON AND SCOTT N 127-84xW 137-6. All work except painting and heating for two-story frame building.

Owner.....Academy of the Sacred Heart.
 Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
 Contractor...Daniel Powers, 2977 Clay, San Francisco.

Filed Sept. 18, '13. Dated Sept. 17, '13.
 On 15th of each month..... 75%
 Usual 35 days, 25%.....\$1776.50

TOTAL COST, \$7086.00
 Bond, \$3600. Sureties, M. V. Brady and Andrew Lynch. Limit, 75 days. Forfeit, \$20. Plans and specifications filed.

(3456) SW SHRADER AND ALMA. Remove roof and add one-story frame.

Owner.....Catherine Cavanaugh, 883 Clayton, San Francisco.
 Architect...H. O. Alden, 1431 Market, San Francisco.
 Contractor...E. J. Roberts, 1394 Masonic Ave., San Francisco.
 COST, \$2588

(3457) S PINE 125 W Mason. Extend foundation.

Owner.....Somers Estate Co., 240 California, San Francisco.
 Architect...None.
 Contractor...C. O. Smith, 240 California, San Francisco.
 COST, \$300

(3458) W FIFTEENTH AVE 75 N California. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work..... COST, \$2500

(3459) NO. 4206 JUDAH. Move, alter and raise dwelling.

Owner.....Mrs. A. Cambridge, 4620 Judah, San Francisco.
 Architect...None.
 Contractor...H. A. Dilks, 58 Faxon Ave San Francisco.
 COST, \$950

(3460) W FIFTEENTH AVE 100 N California. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work..... COST, \$2500

(3461) N ANZA \$1-8 E 24th Ave. One and one-half-story and basement frame residence.

Owner.....J. F. Haner, 3579 19th, San Francisco.
 Architect...None.
 Contractor...Tarbett & Knutt, 2332 Clement, San Francisco.
 COST, \$1900

(3462) N CALIFORNIA 112-6 W Spruce. Two-story and basement frame (2) flats.

Owner.....J. Haner, 3579 19th, S. F.
 Architect...J. F. Haner, 3579 19th, San Francisco.

Contractor...Tarbett & Knutt, 2332 Clement, San Francisco.
 COST, \$2375

(3463) W LISBON 150 S Excelsior. One and one-half-story and basement frame residence.

Owner.....W. C. Brown, 2945 Harrison, San Francisco.
 Architect...None.
 Day's work..... COST, \$1500

(3464) N SIXTEENTH 150 W Noe W 25xN 115. All work for three-story and basement frame flats.

Owner.....Mrs. Annie Doheney, 3622 16th, San Francisco.
 Architect...Rhodes & Marisch, 3372 16th, San Francisco.
 Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.

Filed Sept. 19, '13. Dated Sept. 18, '13.
 Frame up and roof rafters.....\$1478.75
 Brown coated and rough plumbing in 1478.75
 Completed and accepted..... 1478.75
 Usual 35 days..... 1478.75
 TOTAL COST, \$5915.00

Bond, \$2958. Sureties, E. A. Hoadley and F. A. McCausland. Limit, 80 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report Sept. 19, No. 3443.

(3465) W POTRERO AVE 195 S 21st. All work except finish hardware and mantels for two-story and basement frame building.

Owner.....J. Simpson, 451 Edinburg, San Francisco.
 Architect...None.
 Contractor...J. H. Verner, 1921 23rd, San Francisco.
 Filed Sept. 19, '13. Dated Sept. 17, '13.
 Roof on\$700
 Brown coated 700
 Finished 700
 Usual 35 days..... 700
 TOTAL COST, \$2800

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3377) NW BOSWORTH & DIAMOND. One-story and basement frame dwlg.

Owner.....Carmel Farna, 727 Chenery San Francisco.
 Architect...None.
 Contractor...A. Camilli, 1 Sunnyside Av San Francisco.
 COST, \$1200

(3378) E EIGHTEENTH AVE, adjoining Presidio Wall. Erect concrete retaining wall.

Owner.....J. Brack, 2405 Larkin, S. F.
 Architect...E. T. Foulkes, 1118 Crocker Bldg., San Francisco.
 Contractor...Jos. Pasqualetti, Humboldt Bank Bldg., S. F.
 COST, \$1800

(3379) N FOLIO 100 E Cole. One and one-half-story and basement frame residence.

Owner.....N. J. Nelson, 4278 23rd, San Francisco.
 Architect...None.
 Day's work..... COST, \$2000

(3380) W POTRERO 195 S 21st. Two-story and basement frame (2) flats.

Owner.....J. Simpson, 451 Edinburg, San Francisco.
 Architect...None.
 Contractor...J. H. Verner, 1921 23rd, San Francisco.
 COST, \$3000

(3381) N SACRAMENTO 75 W East. Install 2 brick bake ovens.
 Owner.....California Cafe, 45 Powell, San Francisco.

Architect...None.
 Contractor...J. P. Glaser & Co., 2070 Union, San Francisco.
 COST, \$1400

(3382) N UNION \$0 W Hyde. Raise, underpin, add one story and repair.

Owner.....Johanna Co-tello, Premises
 Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
 Day's work..... COST, \$2000

(3383) NOS. 1629-31-33 LARKIN. Alter flats into apartments.

Owner.....D. J. A. O'Keefe, 1631 Larkin San Francisco.
 Architect...T. Paterson Ross, 310 California, San Francisco.
 Engineer...A. W. Burgen.
 Contractor...Theo. S. Hoin, 1568 Clay, San Francisco.
 COST, \$2900

(3384) E BRODERICK 111-3 S Filbert. Add and alter dwelling.

Owner.....Justus S. Wardell, Custom House Bldg., S. F.
 Architect...C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
 Day's work..... COST, \$2500

(3385) W SECOND AVE 110 S Hugo 25x120. All work for two-story and basement frame flats.

Owner.....Jeremiah L. and Mary E. Murphy.
 Architect...None.
 Contractor...Oscar W. Thunberg, 678 9th Ave., San Francisco.
 Filed Sept. 13, '13. Dated Sept. 11, '13.
 Frame up\$1400
 Brown coated 1400
 Completed and accepted..... 1400
 Usual 35 days..... 1400
 TOTAL COST, \$5600

Bond, \$5000. Surety, F. A. Wells and O. C. Holt. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

(3386) NW BAKER AND GREEN N 60-6xW 110-10. All work for two-story and basement frame dwelling.

Owner.....Millie L. Wright, Kiteroa Appmts. San Francisco.
 Architect...Edgar A. Mathews, Phelan Bldg., San Francisco.
 Contractor...E. T. Leiter & Sons, Inc., 180 Jessie, San Francisco.

Filed Sept. 13, '13. Dated Sept. 12, '13.
 Frame up\$2300
 Ready for plaster..... 2670
 Standing finish of 2nd story in place 1200
 Completed and accepted..... 3090
 Usual 35 days..... 3090
 TOTAL COST, \$12,350

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Sept. 10, 1913—S DODGE — S 57-6 E 28 S 80 E 24-25 N 137-6 to S Turk at a pt 162-3% E Larkin W 52-9% Hanson & Johnson to L W Fliegner and C F Hoffman (as Golden Gate Structural & Ornamental Iron Works).....Sept. 6, 1913
 Sept. 11, 1913—E TWENTY-FOURTH Ave 225 S Lincoln Way (H) S 25x E 120. C W Hanna to William C Hammerton & Son.....Sept. 2, 1913

Sept. 11, 1913—S LOMBARD 206-3 E Powell E 20xS 68-9. Carlo Plodi to C Rosina & Co. Sept. 10, 1913

Sept. 11, 1913—THIRD NO. 711. Martin Tovaraz to Fink & Schindler Sept. 8, 1913

Sept. 13, 1913—S KIRKHAM 57-6 E 10th Ave E 25xS 100. Minnie Thompson to A Klahn & Son. Sept. 11, 1913

Sept. 11, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Contra Costa Constr Co, Aug 30; Phillip Schuyler. Sept. 8, 1913

Sept. 12, 1913—N JESSIE 275 E 6th N 80x E 45. A H Herbert to P Hamilton. Aug. 1, 1913

Sept. 12, 1913—E LARKIN 112-6 N Ellis N 25x E 68-9. Add Clark Norton and Ro-e Clark Biggs to whom it may concern. Sept. 12, 1913

Sept. 12, 1913—NE ELLIS & LARKIN E 68-9xN 62-6. Jean Allec to Howard S Williams. Oct. 10, 1913

Sept. 12, 1913—N DUNCAN 81-2 E Noe E 26-2xN 114. Frank T and Ida Elida Olson to whom it may concern. Sept. 10, 1913

Sept. 13, 1913—N TEHAMA 375 W 5th W 25x75. Wilhelm Kirsch and Marie Siemon to whom it may concern. Sept. 12, 1913

Sept. 13, 1913—SE SECOND AND Federal (bet Bryant and Brannan) Milton and Julius Auerbach to J J Philbin. Sept. 12, 1913

Sept. 13, 1913—S OAKDALE AVE 200 E Rankin S 100x E 37-6. John H and Anna A Briel to Stevenson & Gowan. Sept. 12, 1913

Sept. 13, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 51-4 1/2 W 60 th 18-10 1/2. Wm F Wilson Est to Sibley Grading & Teaming Co. Sept. 2, 1913

Sept. 13, 1913—E TAYLOR 32-6 N Pacific N 30x E 60. Sarah Picard to Henry Conrad. Sept. 12, 1913

Sept. 13, 1913—W HYDE 97-6 S Green S 20x W 57-6. Jay Deming to Henry Conrad. Sept. 6, 1913

Sept. 15, 1913—NW POST & POLK to Hemlock Ave. The New Poodie Dog Inc to Jacques Narbeburg. Sept. 5, 1913

Sept. 15, 1913—SE MARKET 100 NE Second SW 25xSE 91-6. Lewina W Martinez, Carrie W Woodworth and Mollie W Kruse to Heckenroth & Schell. Sept. 10, 1913

Sept. 15, 1913—S OAK 156-3 W Clayton W 50xS 137-6. Robert Wieneke to whom it may concern. Sept. 10, 1913

Sept. 15, 1913—Street in ST. FRANCIS Wood. West Gate Park Co to Federal Constr Co. Sept. 12, 1913

Sept. 15, 1913—W VALENCIA 35 N 26th N 30x W 90. Quong Lee to Frank Neidick. Sept. 15, 1913

Sept. 15, 1913—SE MARKET 45-10 SW Spear SW 45-10 SE 137-6 NW 137-6. Sommers & Kaufmann Inc to Atlas Heating & Ventilating Co. Sept. 12, 1913

Sept. 15, 1913—N CALIFORNIA 77-6 W Front W 60-8 1/2 x N 127-6. The Hind Estate Co to Pacific Rolling Mill Co. Sept. 10, 1913

Sept. 15, 1913—W THIRD AVE 110 N Irving N 25x W 120. Marie Ash to whom it may concern. Aug. 9, 1913

Sept. 15, 1913—N NBY 125 W Congdon W 25x N 100 Lot 15 1/2 Blk 7. College Hl Ass'n. Thomas McCormick to whom it may concern. Sept. 15, 1913

Sept. 15, 1913—SE CLEMENTINA & Third S 30x E 80. Walter H Sullivan to Jno G Sutton Co, Aug. 10; McLeran & Peterson. Aug. 10, 1913

Sept. 15, 1913—W RICHLAND AVE 275 N Mission 25x120. Richard and Florentine Kayser to Ruegg Bros. Sept. 13, 1913

Sept. 16, 1913—S ALVARADO 155 W Castro W 25xS 114. Guerrero Rily Co to whom it may concern. Sept. 16, 1913

Sept. 16, 1913—S FOURTH AND Clementina SE 80xS W 80. Sarah Abrams to John Spargo. Sept. 8, 1913

Sept. 16, 1913—S SIXTEENTH 88 W Valencia 60x110. W B Coffey to Wm E Little. Sept. 10, 1913

Sept. 16, 1913—LOT 14 Corona Heights Alfred B Moon to Mac Arthur Bros. Sept. 15, 1913

Sept. 16, 1913—NE DAY & SANCHEZ N 57-6x E 80. James and Bridget A Keenan to whom it may concern. Sept. 15, 1913

Sept. 16, 1913—S WASHINGTON 23-6 E Reed E 56-11 1/2 S 57-6 E 22-0 1/2 S 20 N 79 N 77-6. Clyde S Payne to whom it may concern. Sept. 6, 1913

Sept. 16, 1913—N SIXTEENTH 186 W Castro N 134-5x W 40; No. 3744 16th. Jos M and Susanna Couture to J S Ourlish. Aug. 30, 1913

Sept. 17, 1913—SE CALIFORNIA & Leidesdorff fronting lon N California at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to Otis Elev Co, Sept. 15; Mangrum & Otter. Sept. 13, 1913

Sept. 16, 1913—E DIAMOND 144 S Elizabeth E 90 N 40 W 90 S 40. The Roman Catholic Archbishop of S. F. to John McCarthy. Sept. 8, 1913

Sept. 17, 1913—N O'FARRELL, bet Devisadero and Broderick, No. 2130 O'Farrell. P W Lannon to Frank Neidick. Sept. 17, 1913

Sept. 17, 1913—N FULTON 109-9 W Van Ness Ave W 108-3xN 120. Kate, Julia M, Mary J, Hannah E and Francis J Donohue to Chas Wright. July 31, 1913

Sept. 27, 1913—SE BALBOA AVE and Ocean Blvd 50 on Balboa Ave and 100 on Ocean Blvd. J A Raggett to Robert Dewar & Son. Sept. 23, 1913

Sept. 17, 1913—SW GRANT AVE & Harlan Place. O J Baldwin to Holm & Son, Sept. 12; Frank J Klimm. Sept. 16, 1913

Sept. 18, 1913—SE MARKET 100-0 1/2 NE Seventh NE 50-0 1/2 SE 165 SW 50-0 1/2 NW 165. J D Phelan to L Zimmerman. Sept. 17, 1913

Sept. 18, 1913—S CALIFORNIA 164-11 E Buchanan E 27-7xS 137-6. F H Porter to J Harold Johnson. Sept. 17, 1913

Sept. 18, 1913—W SEVENTEENTH AV 200 N Fulton N 25x W 120. Alfred Berglof to Geo Parker. Sept. 10, 1913

Sept. 18, 1913—SE TAYLOR & CLAY S 89-9x E 30. Jas Ward to Chas Coburn. Sept. 17, 1913

Sept. 18, 1913—W NINTH AVE 100 S Cabrillo 25x120; Nos. 719-721 9th Ave. Chas A Rushton to whom it may concern. Sept. 17, 1913

Sept. 18, 1913—W NINTH AVE 125 S Cabrillo 25x120; Nos. 723-725 9th Ave. Chas A Rushton to whom it may concern. Sept. 17, 1913

Sept. 18, 1913—W FIFTEENTH AVE 75 N Judah (J) N 25x W 100. Daniel Markan to whom it may concern

..... Sept. 2, 1913

Sept. 18, 1913—NW CLEMENT & 5TH Ave W 57-6xN 100. J C Low to Ferdinand Wagner. Sept. 2, 1913

Sept. 18, 1913—S BUSH 68 E Mason E 22-6xS 84. E or Elizabeth Rickard to Van Sant-Houghton Co. Sept. 15, 1913

Sept. 18, 1913—SE POST AND JONES S 60x E 70-6. Niels Larsen to Camp & Carrillon. Sept. 17, 1913

Sept. 19, 1913—NW GRANT AVE & Manila Place. No. 137 Grant Ave. The Orear Co to Wm Bateman. Sept. 18, 1913

Sept. 19, 1913—N GEARY 137-6 E Larkin E 47-6xN 137-6. A F Schleicher to Pacific Rolling Mills. Sept. 18, 1913

Sept. 19, 1913—N CLEMENT 57-6 W 23rd Ave W 25 E 25 N 100 E 25 S 100. W Benn Hocking to Thos Hamill. Sept. 12, 1913

Sept. 19, 1913—NW PACIFIC AND Mason. J or Jos Roger to J M Floeger. Sept. 19, 1913

LIENS FILED

SAN FRANCISCO COUNTY.

Sept. 13, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 15 NE 75. Crane Co vs D R McElroy, H M Hoffman and W L Meusser. \$952.23

Sept. 13, 1913—E DOLORES 76 S 21st S 25x E 90. Mulcahy Bros vs O B Hedstrom and Annie E Conniff. \$952.23

Sept. 15, 1913—W WOODLAND AVE 150 S Parnassus Ave W 80xS 25 Lot 55 Blk "O" Sunset. California Standard Planing Mill Co vs E Florence Stebbing. \$352.95

Sept. 16, 1913—W RAILROAD AVE 26 N 17th Ave (South) N 25x W 100. A Alebrts vs Geo Dall Olmo. \$567.50

Sept. 16, 1913—W EMBARCADERO 137-6 S Howard S 45-10x W 137-6. Theodore S Hoin vs Joseph Wagner. \$25,389.85

Sept. 17, 1913—S SHORT IN Blk 12 Sub No. 3 Pioche and Robinson's Sub. Leonard Lumber Co vs B W Haines and C H Gish. \$34.33

Sept. 17, 1913—SE ELLIS & JONES 55x87.6. J S Guerin and T F Guerin as J S Guerin & Co vs Brandt & Stevens and The Board Realty Co. \$1516.35

Sept. 18, 1913—E FORTY-SEVENTH Ave 260 S Balboa to a pt 360 S Balboa x 120 in depth. W H Yates vs E B Hallett. \$600

Sept. 19, 1913—SW RUSSIA AVE 75 NW Athens NW 25xSW 100. D A Markwith vs Slegmund H Friedrichs. \$176.80

NOTICE OF NON-RESPONSIBILITY.

Sept. 16, 1913—E HARRISON 50 S 18th S 75x E 124-3 including spur track to be constructed on Harrison to above premises. John H and Mary J Claassen as to improvements on leased property.

RELEASE OF BUILDER'S BOND.

Sept. 16, 1913—W TRENTON 112-6 N Jackson. Maurice Salomon and Arthur Golliner to Southwestern Surety Ins. Co. releasing said surety company as surety for John S. Ratto under contract of August 18, 1913

NOTICE OF NON-RESPONSIBILITY.

Sept. 17, 1913—E TWENTY-THIRD Ave 90 S Ulloa S 30x E 120, Parkside Realty Co as to improvements on leased property.....

OAKLAND AND ALAMEDA

APARTMENT HOUSE—3 story and base, frame, \$12,000. Berkeley, Alameda Co., Cal. Architect, George W. Patton, 2126 Emerson St., Berkeley. Owner, Mrs. E. N. Richardson. The building will be erected on Dana street near Channing, and has been designed to contain six modern suites of three and four rooms. Interior finish will be of pine and elm with some hardwood floors. A central heating system will be installed. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be finished with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased by the architect.

BUNGALOW—1½ story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. There will be a large open fire place in the living room and brick mantel. Hardwood floors will be used in the bath room and kitchen. Composition floor will also be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOWS—5, 1 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, none. Owner, Al. Story, Builders' Exchange, Oakland. These houses will be erected on property on Indian Rock avenue. Each dwelling has been designed to contain six rooms and bath. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the living rooms and dining rooms. There will be a large open fire place in each of the living rooms. Mantels will be of brick and tile. Bath rooms will have tile wainscot. Exterior will be covered with cement plaster, shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Frederick F. Thomas. The dwelling will be erected in Thousand Oaks Park, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles. Plans are complete and figures are being taken.

BUNGALOW — 1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. W. Woodard, 1540 Broadway, Oakland. The dwelling will be erected on Bright avenue south of 13th avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have cement floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, E. J. Aalto and Otto Peterson, 1531 California street, Berkeley. The dwelling, which has been designed for a seven-room house with bath and sleeping porch, will be erected on one of the most beautiful homesites in Piedmont. Interior will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of granite and tile. Bath rooms will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

GARAGE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. E. J. Culver. The building has been designed for private garage and will be erected on property adjoining the owner's home. First floor will contain storage space and machine shop and upper floor will be arranged for living rooms. Interior finish will be of pine throughout. There will be a cement floor on the first floor. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

AUDITORIUM—General construction. Cost not stated. Oakland, Cal. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids will be received on October 9th by the City Council for the general construction of the \$1,000,000 Municipal Auditorium which is to be erected on the shores of Lake Merritt. Plans and specifications can be secured from Architect Donovan. The work will include practically all construction except the foundation work and steel, contract for which have already been let.

CITY HALL—Cabinet work and painting. Cost not stated. Oakland, Cal. Architects, Palmer & Hornbostel, New York, associated with Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans and specifications for the interior painting and for furnishing and setting all cabinet work for the new City Hall building are complete. Separate figures will be taken for each part of this work. Bids will be opened

by the Oakland City Council on October 9th. Plans and specifications can be secured from Architect J. J. Donovan, Security Bank Bldg.

POST OFFICE — Painting, cement work and brick work, subfigures. Alameda, Alameda Co., Cal. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, William V. Murray, Post Office Bldg., Alameda, wants subfigures from San Francisco and Oakland contractors on painting, cement sidewalks, cement curbs and coping work, brick driveway and court yard work and other work. Interested parties can see Mr. Murray at the Alameda Post Office.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, A. H. Gertz. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans have been revised and new bids are being taken.

BUNGALOW — 1 story and base, frame, \$3,000. Oakland, Cal. Architect, Charles F. Mau, Macdonough Bldg., Oakland. Owner, Henry Drath, 682 34th street. The dwelling will be erected on the north side of 42nd street near West street, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of brick. There will be a composition floor in the bath room and tile wainscot in both the bath and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$6,500. Oakland, Cal. Architect, Clarence A. Tantau, 251 Kearny St., S. F. Owner, Mrs. J. H. Lewis. The dwelling will be erected at the northeast corner of Keith avenue and Pryal street, and will contain eight rooms, bath and sleeping porch. A garage will also be erected on the rear of the lot. Interior of the dwelling will be handsomely finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of both the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

CONVENT BUILDING—2 story and base, frame, \$23,695. Berkeley, Alameda Co., Cal. Architect, John J. Foote, 46 Kearny St., S. F. Owners, St. Joseph's Convent. Contractors, Kilder & McCullough, Berkeley. Con-

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.

CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

Building Contracts Awarded

Oakland.

722	Bellegarde	.....Sohr	1300
723	Lebowsky	.....Marshall	1100
724	Pfrang	.....Pfrang	2000
725	Miller	.....Scott	1900
726	French	.....McDonald	2500
727	Stahl	.....Stahl	1500
728	Niles Timber	.....Lydeksen	600
729	Colby	.....Alien	900
731	Spelman	.....Sommarstrom	5000
732	Michel	.....Morilhat	5100
736	Gault	.....Burritt	2175
737	Riggie	.....Riggie	1500
738	Long	.....Morris	2000
739	Schutt	.....Robertson	2325
740	Hatch	.....Jackson	1500
741	Bolts	.....Bolts	2000
742	Moran	.....Moran	1000
743	Whalen	.....Whalen	2500
744	Coit	.....Coit	2500
751	Woodard	.....Woodard	3000
753	Mechi	.....Gaspard	1800
754	Soile	.....Anderson	2015
755	Kleir	.....Sell	1810
759	Borchard	.....Wolfe	1000
760	Edwards	.....Schneibly	1000
761	Bruzzone	.....Kendler	1800
762	Frederickson	.....Christiansen	1600
763	Windel	.....Burritt	2133
766	Croll	.....Aitchison	600
767	Windle	.....Burritt	2132
768	Orr	.....Pearson	7270
769	Wristen	.....Flittner	1740
770	Peterson	.....Alert Bldg	1800
771	Wesland	.....Filley	1000
772	Carlson	.....Carlson	1800
773	Andetti	.....Andetti	2400
774	Albee	.....Western Un	1900
775	Mazzero	.....Mazzero	1600
776	Donovan	.....Donovan	3750
777	Canny	.....Bellafontaine	1650
778	Solloway	.....Sydes	1850
779	McClurg	.....Neal	15000
780	Havens	.....Olson	4600
781	Fisher	.....Sprague	2925
782	Davis	.....Rooff	500
783	Hombberger	.....Owner	2500
784	Enos	.....Dean	2630
785	Pabiola	.....Coit	1850
786	Coit	.....Coit	2500
787	Sell	.....Boss	9000
789	Gustafson	.....Gustafson	8000

(2722) E ADELINE 125 S 36th, Oak-
land. One-story 4-room dwelling.
Owner.....B. Bellegarde, Chestnut nr
36th, Oakland.

Architect...None.
Contractor...H. W. Sohr, 3429 Haven,
Oakland. COST, \$1300

(2723) E FORTY-SECOND AVE 120
S E-12th, Oakland. One-story 5-
room dwelling.

Owner.....L. H. Lebowsky, 1026 42nd
Ave., Oakland.
Architect...None.
Contractor...J. S. Marshall, 1030 High,
Oakland. COST, \$1100

(2724) S FORTIETH 100 E Cerrito,
Oakland. One-story 5-room dwlg.
Owner.....C. J. Pfrang, Hudson and
Claremont, Oakland.

Architect...None.
Day's work. COST, \$2000

(2725) S E-TWENTYTH 120 W 17th
Ave., Oakland. One-story 5-room
dwelling.

Owner.....Harry G. Miller, 427 La-
guna, Oakland.
Architect...None.
Contractor...G. A. Scott, 685 23rd, Okd.
COST, \$1900

(2726) SE E-TWENTY-THIRD AND
Mitchell, Oakland. One and one-half
story 6-room dwelling.

Owner.....Mrs. French, Fruitvale Ave
Oakland.
Architect...None.
Contractor...Alex McDonald, 2329 Sal-
inger Ave., Oakland. COST, \$2500

(2727) E CROSBY 235 S Harper, Oak-
land. One-story 5-room dwlg.
Owner.....Jos. Stahl, 1534 Park Ave.,
Oakland.

Architect...None.
Contractor...Chas. Stahl, 1534 Park Ave
Oakland. COST, \$1500

(2728) SW CLAREMONT AND 56TH,
Oakland. Coal bunker.

Owner.....Niles Timber Co., Premises
Architect...None.
Contractor...G. H. Lydixsen, 1616 25th
Ave., Oakland. COST, \$600

(2729) NO. 706 THIRTY-THIRD, Oak-
land. Alter and repair.

Owner.....Miss Francis Colby, Prem.
Architect...None.
Contractor...M. Allen, 829 52nd, Okd.
COST, \$900

(2731) NE TWENTY-FIFTH & TELE-
graph Ave., Oakland. One-story
brick addition.

Owner.....Mrs. J. Spelman, 696 18th,
Oakland.
Architect...None.
Contractor...E. Sommarstrom, 202 E-
12th, Oakland. COST, \$5000

(2732) W SAN PABLO AVE 239 ft. 1
in. from S line Stanford Ave S 50 W
100 N 55 E 100, Oakland. All work
for one-story nickelodeon and bowl-
ing alley.

Owner.....J. Michel, 1754 27th Ave.,
Oakland.
Architect...Edw. T. Foulkes, Crocker
Bldg., San Francisco.

Contractor...P. Morilhat, Oakland.
Filed Sept. 13, '13. Dated Sept. 2, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5100

Bond, \$2600. Sureties, P. Morilhat, J.
Cassou and P. Bordenave. Limit, 60
days. Forfeit, none. Plans and speci-
fications filed.

(2736) NE COR. ON ALLEY & 11TH
Ave., bet 19th and 20th Aves. 45x115,
Oakland. All work for one-story 5-
room dwelling.

Owner.....A. M. Gault & J. Halpern,
6027 Grove, Oakland.
Architect...None.

Contractor...O. L. Burritt, 427 63rd,
Oakland.

Filed Sept. 15, '13. Dated Sept. 8, '13.
Frame up \$600
1st coat plaster on..... 600
Completed and accepted..... 500
Usual 35 days..... 475
TOTAL COST, \$2175

Bond, none. Limit, 65 days. Forfeit,
none. Plans and specifications filed.

(2737) NE FORTY-NINTH & LAW-
ton, Oakland. One and one-half-
story 5-room dwelling.

Owner.....Chas. C. Riggie, 367 49th,
Oakland.

Architect...None.

Day's work. COST, \$1500

(2738) S E-FOURTEENTH, bet. 82nd
and 83rd Aves., Oakland. Two-story
8-room dwelling and plumbing shop.

Owner.....R. F. Long, 8219 E-14th,
Oakland.
Architect...None.

Contractor...Justus Morris, 2956 Telegraph Ave., Oakland.
COST, \$2000
(2739) N E-TWENTY-SECOND 275 E 21st Ave., Oakland. One-story 5-room dwelling.
Owner.....Herman Schutt, 1915 E-16th, Oakland.
Architect...None.

Contractor...A. J. Robertson, 4080 Boulevard Ave., Oakland.
COST, \$2325

(2740) N LOGAN 300 W Fruitvale Ave Oakland. Two-story 6-room dwlg.
Owner.....Fred W. Hatch, 1907 Persalta Ave., Oakland.
Architect...None.
Contractor...C. A. Jackson, 2913 Viola, Oakland.
COST, \$1500

(2741) N HARPER COURT 240 W 35th Ave., Oakland. One-story 5-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(2742) S FORTY-FIRST 500 E Broadway, Oakland. One-story four-room dwelling.
Owner.....T. W. Moran, Security Bk. Bldg., Oakland.
Architect...None.
Day's work. COST, \$1000

(2743) E COLBY 165 N 61st, Oakland. One-story 5-room dwelling.
Owner.....J. F. Whalen, 1542 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(2744) S RICH 200 E Telegraph Ave., Oakland. One-story 5-room dwlg.
Owner.....C. B. Colt, 1522 Broadway, Oakland.
Architect...Alvin J. Stern, 1322 Broadway, Oakland.
Contractor...Roger Colt, 1522 Broadway, Oakland.
COST, \$2500

(2751) E BRIGHTON AVE 200 S 13th Ave., Oakland One-story 7-room dwelling.
Owner.....E. W. Woodard, 1540 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3000

(2753) NO. 772 SIXTH, Oakland. All work for alteration and addition.
Owner.....V. Mrelli, Oakland.
Architect...None.
Contractor...Gaspard & Sharp, Okd.
Filed Sept. 15, '13. Dated Aug. 22, '13.
Rough frame up.....\$600
1st coat plaster on.....600
Completed.....300
Usual 35 days.....300
TOTAL COST, \$1800

Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(2754) COR. E-TWELFTH AND 14TH Ave., Oakland. Alterations.
Owner.....B. C. Soule, Oakland
Architect...None.
Contractor...James Anderson, 306 Magnolia, Piedmont.
Filed Sept. 16, '13. Dated Sept. 11, '13.
Work in back of store, floors laid, partitions built and plastering done.....\$665
Completed.....850

Usual 35 days.....500
TOTAL COST, \$2015
Bond, none. Limit, 70 days. Forfeit, none. Specifications only filed.

(2755) E-SIXTEENTH AND 57TH Ave, being Lot 58 Melrose Boulevard Tract, Oakland. Brick, carpenter, plumbing, plastering, painting, wiring and sewer for one-story cottage and store.
Owner.....John and Johanna Klein, Oakland.
Architect...None.
Contractor...E. N. Sell and J. W. Ecker, Filed Sept. 16, '13. Dated Sept. 15, '13.
Frame up.....1/4
Plastering completed.....1/4
Completed and accepted.....1/4
Usual 35 days.....1/4
TOTAL COST, \$1810

Bond, none. Limit, —, Forfeit, none
Plans and specifications filed.

(2759) NE MINNA AND ANGELA Aves., Oakland. One-story four-room dwelling.
Owner.....F. S. Borchart, 3021 Minna Ave., Oakland.
Architect...None.
Contractor...Max Wolfe, 3934 Angela Ave., Oakland.
COST, \$1000

(2760) NO. 1227 BROADWAY, Oakland. Alterations.
Owner.....R. W. Edwards, Premises.
Architect...None.
Contractor...Schnebly, Hostrawser & Pedgrift, 1943 Broadway, Oakland.
COST, \$1000

(2761) NE HILTON AND DANTE AVES Oakland. One-story 5-room dwlg.
Owner.....Mrs. A. F. Bruzzone, 1545 Third, Alameda.
Architect...None.
Contractor...Frank Kenders, 2200 90th Ave., Oakland.
COST, \$1800

(2762) NO. 3225 FOOTHILL BLVD., Oakland. Addition.
Owner.....P. C. Frederickson, Prem
Architect...None.
Contractor...N. Christensen, 1932 Irving Ave., Oakland.
COST, \$1600

(2763) N APGAR 200 E Lusk, Oakland One-story 5-room dwelling.
Owner.....T. Windel.
Architect...None.
Contractor...O. L. Burritt, 427 63rd, Oakland.
COST, \$2133

(2764) N TAFT AVE 200 E Broadway, Oakland. One-story five-room dwelling.
Owner.....Geo. H. Hollidge, 1011 Oak, Oakland.
Architect...None.
Contractor...C. B. Stanley, 1507 50th Ave., Oakland.
COST, \$2000

(2767) E 30th LOT 17 BLK "I" Map Sheridan Tract, Oakland. All work for one-story 6-room dwelling.
Owner.....T. Windle, 740 60th, Okd.
Architect...None.
Contractor...O. L. Burritt, 427 63rd, Oakland.
Filed Sept. 17, '13. Dated Sept. 12, '13.
Frame up.....\$600

1st coat plaster on.....500
Completed.....500
Usual 35 days.....533
TOTAL COST, \$2133

Bond, none. Limit, 60 days after Sept. 11. Forfeit, none. Plans and specifications filed.

(2768) E EUCLID AVE 50 S Laguna Ave E 125th 50 being Lot 2 Blk 10 Lakeside Subdiv Adams Point Pty., Oakland. All work for two-story and basement dwelling.
Owner.....Calvin M. Orr, 579 32nd, Oakland.
Architect...John J. Donovan, Security Bank Bldg., Oakland.
Contractor...Ben Pearson, 2001 Addison, Berkeley.
Filed Sept. 17, '13. Dated Sept. 16, '13.
10th of each month.....75%
Completed and accepted any money due to make up the.....75%
Usual 35 days.....25%
TOTAL COST, \$7270

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2769) E 35 LOT 16 BLK 6 Map Boulevard Park Tract, Oakland. All work for one-story 5-room dwlg.
Owner.....Jessie P. Wristen, Brentwood, California.
Architect...None.
Contractor...Jos. W. Hittner, 1700 25th Ave., Oakland.
Filed Sept. 17, '13. Dated Sept. 16, '13.
Frame up.....1/4
1st coat plaster on.....1/4
Completed and accepted.....1/4
Usual 35 days.....1/4
TOTAL COST, \$1740

Bond, none. Limit, 35 days. Forfeit, \$1. Plans and specifications filed.

(2770) SE FOURTEENTH AVE AND E 33rd S 100x E 33 1/2, 108 ft. 6 1/2 in E direction, Oakland. All work for one-story dwelling.
Owner.....Samuel J. Peterson, 1929 Fairview, Oakland.
Architect...None.
Contractor...Alert Bldg Co, 217 Santa Marina Bldg., S. F.
Filed Sept. 17, '13. Dated Sept. 17, '13.
Frame up.....1/4
Rough coat plaster on.....1/4
Completed and accepted.....1/4
Usual 35 days.....1/4
TOTAL COST, \$1800

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2771) W ALLENDALE 300 N High, Oakland. One-story 3-room dwlg.
Owner.....A. O. Waaland, 63rd St. near San Pablo Ave., Okd.
Architect...None.
Contractor...Filley & Burchart, 816 Alton Way, Berkeley.
COST, \$1000

(2772) E EIGHTY-SECOND AVE 150 S Holly, Oakland. One-story 8-room dwelling.
Owner.....O. M. Carlson, 1601 83rd Ave., Oakland.
Architect...None.
Day's work. COST, \$1800

(2773) W HARRINGTON AVE 55 N Nevil, Oakland. One-story 7-room dwelling.
Owner.....J. Andetti, 2563 Harrington Ave., Oakland.
Architect...None.
Day's work. COST, \$2100

(2774) N CALIFORNIA 300 W Maple Terrace, Oakland. One-story four-room dwelling.
Owner.....Harry Albee.
Architect...None.
Contractor...Western Union Home Bldgs., 1617 Telegraph Ave Oakland. COST, \$1900

(2775) E SIXTY-FOURTH AVE 100 N E-14th, Oakland. One-story five-room dwelling.
Owner.....S. Mazzerro, 3109 Galindo, Oakland.
Architect...None.
Day's work. COST, \$1600

(2776) W TELEGRAPH AVE 50 S Alcatraz Ave., Oakland. One-story brick nickelodeon.
Owner.....J. J. Donovan, 6323 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$3750

(2777) E SEVENTY-EIGHTH AVE 100 S Main, Oakland. One-story five-room dwelling.
Owner.....Phillip Canny, — Dimond Ave., Oakland.
Architect...None.
Contractor...A. J. Bellafontaine, 6712 Flora, Oakland. COST, \$1650

(2778) E HIGH 250 N St. Carlo, Oakland. One-story 5-room dwlg.
Owner.....J. Solloway, 4217 Boulevard Ave., Oakland.
Architect...None.
Contractor...H. Sydes, 4079 Boulevard Ave., Oakland. COST, \$1850

(2779) W BROADWAY 75 S 29th, Oakland. One-story 5-room auto sales rooms.
Owner.....J. A. McClurg, 17 Prospect Drive, Oakland.
Architect...None.
Contractor...Joseph Neal, 3399 College Ave., Oakland. COST, \$15,000

(2780) N WALLA VISTA 300 W Arimo Court, Oakland. Two-story seven-room dwelling.
Owner.....Wickham Havens
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor...Alfred Olson, 1116 Myrtle, Oakland. COST, \$1660

(2781) NW ORANGE 140 SW Perry SW 45.35xNW 130, Oakland. Lumber, mill work, sash, doors, glass, weights and cords, labor, stairs, canvas deck, deafening, P and B paper, concrete foundation, excavation of trenches and basement, rough hardware and placing of finish hardware, shingles and shingling for two-story and basement dwelling.
Owner.....M. Fisher, 179 Santa Clara Ave., Oakland.
Architect...None.
Contractor...J. B. Sprague, 1632 46th Ave., Oakland.
Filed Sept. 18, '13. Dated Sept. 18, '13.
Frame up, rafters and sheathing on roof and sides..... ¼
Exterior mill work set and shingling completed..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$2925

Bond, limit, forfeit, none. Plans and specifications filed.

(2782) E THIRTY-EIGHTH AVE 125 N Kansas, Oakland. One-story 3-room dwelling.
Owner.....W. C. Davis Co., End, Lese Ave. Car line.
Architect...None.
Contractor...Hoeff Co., 3755 Brown Ave Oakland. COST, \$500

(2783) E FORTY-FIRST AVE 40 N Carrington, Oakland. Two-story 6-room dwelling.
Owner.....Chas. Homberger, 2109 41st Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(2784) E 107TH AVE 1000 S E-14th, Oakland. Two-story 8-room flats.
Owner.....Mrs. Grace Enos, — 107th Ave., Oakland.
Architect...None.
Contractor...C. M. Dean, 2206 23rd Ave., Oakland. COST, \$2630

(2785) NE MOSS AVE & BROADWAY Oakland. Elevators.
Owner.....Fabiola Hospital, Prem.
Architect...None.
Contractor...Otis Elevator Co., Beach and Stockton, S. F. COST, \$850

(2786) S FIFTY-SECOND 100 W Shattuck Ave., Oakland. One-story five-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect...Alvin J. Stern, 1522 Broadway, Oakland.
Contractor...Roger Coit, 1522 Broadway, Oakland. COST, \$2500

(2791) NO. 2655 HARRISON, Oakland. Three-story 18-room apartments.
Owner.....Mrs. A. Gustafson, 1028 Linden, Oakland.
Architect...None.
Contractor...Alfred Gustafson, 928 Linden, Oakland. COST, \$8000

Building Contracts Awarded

Berkeley.

2734 Sodeman	Carlson	2450
2735 Moore	Montgomery	1466
2745 Schuyler	Schuyler	2500
2746 Same	Same	2500
2747 Petet on	Peterson	2000
2748 Chan	Spittler	2500
2749 Jensen	Jensen	2100
2750 Patton	Winham	1200
2752 Goodale	De Kay	3500
2756 Winkler	Armstrong	1950
2757 Equitable	Hughson	450
2758 Mainero	Valente	900
2788 Peake	Peake	3000
2789 Farr	Peake	4500
2790 Waste	Armstrong	15000

(2734) N VIRGINIA 120 E Grant, Berkeley. One and one-half-story 7-room dwelling.
Owner.....L. P. Sodeman, 7th and Channing, Berkeley.
Architect...None.
Contractor...Larson Carlson, 1627 Parker, Berkeley. COST, \$2150

(2735) W HILLCREST ROAD 50 N Eucalyptus, Berkeley. Garage.

Owner.....J. G. Moore, Hillcrest Rd., Berkeley.

Architect...Walter Parker, 214 Kearny, San Francisco.
Contractor...W. S. Montgomery, 2321 Ward, Berkeley. COST, \$1466.50

(2745) S SONOMA AVE 200 E Monterey Ave., Berkeley. One-story six-room dwelling.
Owner.....J. Brown Schuyler, 2903 Minna Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(2746) S SONOMA 300 E Monterey, Berkeley. One-story 6-room dwlg.
Owner.....J. Brown Schuyler, 2903 Minna, Oakland.
Architect...None.
Day's work. COST, \$2500

(2747) W GRANT 104 N Blake, Berkeley. Two-story 6-room dwlg.
Owner.....Charles Peterson, 1743 Blake, Berkeley.
Architect...None.
Day's work. COST, \$2060

(2748) N RUSSELL 200 E Shattuck Ave., Berkeley. One-story 9-room dwelling.
Owner.....Herbert Chan, 2119 Russell, Berkeley.
Architect...None.
Contractor...E. B. Spittler, 214 Ashby Ave., Berkeley. COST, \$2500

(2749) E CARLOTTA 112 S Posen, Berkeley. One-story 5-room dwlg.
Owner.....S. Jensen, 667 Poirier Oakland.
Architect...None.
Contractor...E. B. Spittler, 214 Ashby Euclid Ave., Berkeley. COST, \$2100

(2750) NE SAN PABLO & HOPKINS, Berkeley. One-story store.
Owner.....Louise J. Patton, 2906 Telegraph Ave., Berkeley.
Architect...None.
Contractor...H. G. Winham, 59 62nd, Oakland. COST, \$1200

(2752) E BENVENUE 60 N Derby, Berkeley. Two-story 9-room dwlg.
Owner.....D. Goodale, 2000 Shattuck Ave., Berkeley.
Architect...Leonard H. Ford, 2136 Center, Berkeley.
Contractor...De Kay & Co., 2000 Shattuck Ave., Berkeley. COST, \$3500

(2756) N SHAFTER AVE 768 E College Ave., Berkeley. One-story 4-room dwelling.
Owner.....J. Winkler, Berkeley.
Architect...None.
Contractor...Chas. Armstrong, 932 25th Oakland. COST, \$1950

(2757) NO. 1706 BANCROFT WAY, Berkeley. Repairs.
Owner.....Equitable Bldg. Association, Berkeley National Bank Bldg., Bkly.
Architect...None.
Contractor...Hughson & Donnelly, 1608 Stuart, Berkeley. COST, \$850

(2758) S KAINS AVE 105 S Jones Ave., Berkeley. One-story 4-room dwelling.
Owner.....F. Mainero, 3463 Haven, Oakland.
Architect...None.
Contractor...M. E. Valente, 5882 Vallejo Oakland.
COST, \$900

(2788) S YOLO AVE 93½ W Bonita Ave., Berkeley. One and one-half-story 3-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Day's work.....COST, \$3000

(2789) W INDIAN ROCK AVE 349.89 N San Mateo Road, Berkeley. Two-story 7-room dwelling.
Owner.....Rose M. Farr.
Architect...None.
Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
COST, \$4500

(2790) S BANCROFT 100 W Fulton, Berkeley. Three-story 18-room apartment house.
Owner.....Judge Wm. H. Waste and F. H. Clark, Homestead Bank Bldg., Berkeley.
Architect...W. H. Ratcliff, 1st National Bank Bldg., Bkly.
Contractor...F. E. Armstrong, 2249 Hearst Ave., Berkeley.
COST, \$15,000

Building Contracts Awarded.

Alameda.

2730 Petaluma RltyNoble 1800
2733 HillenHillen 6000
2764 HoldgeStanley 2000
2765 MonroeMonroe 2000

(2730) NO. 1200 BROADWAY, Alameda One-story 5-room dwelling.
Owner.....Petaluma Realty Co., Petaluma, Cal.
Architect...None.
Contractor...G. H. Noble, 220 Central Ave., Alameda.
COST, \$1800

(2733) NOS. 1510-1518 FERNSIDE Boulevard, Alameda. Two one-story dwellings.
Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.
Designer...W. W. Landgrebe.
Day's work.....COST, \$6000

(2765) NO. 1711 EIGHTH, Alameda. One-story dwelling.
Owner.....J. W. Monroe, 690 61st, Oakland.
Architect...None.
Day's work.....COST, \$2000

(2766) NO. 703 CENTRAL AVE., Alameda. Alter saloon.
Owner.....J. G. Croll, Premises.
Architect...None.
Contractor...Alchison & Sons, 548 Santa Clara Ave., Ala.
COST, \$600

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Sept. 13, 1913—W MONTGOMERY 65 S Ridgeway, Okd. W H Hawken to whom it may concern...Sept. 10, '13

Sept. 13, 1913—SW KALES AVE 125 SE Broadway SW 102 NE 128 NW 78.67, Okd. G G Reed to whom it may concern.....Sept. 1, 1913
Sept. 13, 1913—SE STUART & BENVENUE AVE S 50xE 90, Bkly. Mary E Shuman to Louis Engler...Sept. 2, '13
Sept. 13, 1913—LOT 32 BLK 2 Berkeley Square, Bkly. David T Babcock to Louis Engler...Sept. 11, 1913
Sept. 13, 1913—LOT 5 BLK "3" Map Waterside Terrace, Ala. F N Strang to whom it may concern.....Sept. 6, 1913
Sept. 15, 1913—W SHATTUCK AVE 86 from SE Allston Way S 180 deg 9 min W 130 N 180 deg 4 min E to pt beg, Bkly. Shattuck Hotel Association and Arthur Arlett to Clinton Fireproofing Co....Sept. 12, 1913
Sept. 15, 1913—LOT 27 BLK "G" Map Mastick Park, Ala. Mark T Cole to whom it may concern...Sept. 13, '13
Sept. 15, 1913—LOT 15 BLK "C" Map Sunnyslope, Okd. C M Covell to C L Decker Co.....Sept. 12, 1913
Sept. 16, 1913—LOT 14 BLK 9 Map Thousand Oaks, Bkly. Annie Elizabeth Ristenpart to whom it may concern.....Sept. 12, 1913
Sept. 16, 1913—PTN LOT 6 BLK 3 Map Highland Park Terrace, Okd. J A Roberts to W B Roberts.....Sept. 11, 1913
Sept. 16, 1913—PTN LOTS 6 AND 7 Blk 3, Map Highland Park Terrace Okd. J A Roberts to W B Roberts.....Sept. 11, 1913
Sept. 16, 1913—SW E-TWENTY-sixth 36 SE 21st Ave SE 23.44 SE 7.12 SW 53.12 NW 13.40 NW 24.20 NE 53.62, Okd. J A Roberts to W B Roberts.....Sept. 11, 1913
Sept. 16, 1913—LOT 27 BLK 1 Map Berkeley Square, Bkly. Joseph Pattinson to whom it may concern.....Sept. 10, 1913
Sept. 16, 1913—LOT 25 Map Highland Tract, Okd. Joseph St. Mary to whom it may concern...Sept. 16, 1913
Sept. 17, 1913—LOT 18 BLK "C" Claremont Court, Bkly. Harriet S Sanderson to Sullivan Bros.....Sept. 17, 1913
Sept. 18, 1913—W REGENT 70 S Ashby Ave S 35xW 50, Bkly. H P Nelson to whom it may concern.....Sept. 17, 1913
Sept. 17, 1913—NW BROADWAY & 38th N 44 W 142.21 SW 91.71 E 150, Okd. Joseph Koenig to E A JanssenSept. 13, 1913
Sept. 19, 1913—LOT 23 Map Dimond Vista, Okd. C M Blabon to whom it may concern.....Completed —

LIENS FILED.

ALAMEDA COUNTY.

Sept. 13, 1913—CENTER LN BELLA Vista Ave 633.94 NW center in Pleasant Valley Ave NE 74.29 SE 50 SW 104.84 NW 50 except strip land 30 feet wide along entire SW bndry above parcel land, Oakland Helene Harrold Baxter (wf Harold Kelsey)\$3500
Sept. 13, 1913—E ADELINE 55.70 SE Emerson SE 55.70 E 149.06 N 50 W 174.51, Okd. Bertha M Werner (wf Geo W).....\$6000
Sept. 13, 1913—PTN LOT 4 BLK 2 Map Wheeler Tract, Bkly. James B Brewster\$5000
Sept. 13, 1913—N MILVIA 150 S Vine S 60xW 16x½ Bkly. Ida M Smith (wf W W)\$3000

Sept. 15, 1913—LOT 4 and ptn Lots 3 and 5 Blk "F" Corrected Map Nicol Tract, Okd. F H Wintermeyer vs W M and Annit and R Morris\$15.50
Sept. 16, 1913—W PALM 193 S Central Ave S 35xW 100, Ala. Magnolia Street Planing Mill Co vs E B Robinson and J B Randall.....\$99.50
Sept. 16, 1913—N SAN JOSE AVE 200 W Walnut W 50xN 150, Ala. Alameda Hardware Co vs T G Morris\$62.44
Sept. 18, 1913—SW NINETEENTH & Cypress W 122-9 S 52-4½ W 13-3 S 52-4½ E 137 N 104-9, Okd. Pierce Hardware Co, \$202.13. Downey-Cavasso Glass & Paint Co, \$38.77 vs Columbia Laundry Co, H S White and Lena White.....\$300
Sept. 18, 1913—LOTS 19, 20, 21 AND 22 Blk "C" Amended Map Fairview Tract Okd. C F Howard Co vs Western Union Home Bldrs, Jno H Saunders and J McDonough.....\$110.74
Sept. 18, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40xS 123, Okd. Powers & Murray vs J C and Laura Petersen & B B Wickersham\$300
Sept. 18, 1913—N SAN JOSE AVE 200 W Walnut W 50xN 150, Ala. H H Gates vs Thomas G Morris.....\$562.45

SAN JOSE AND THE SANTA CLARA VALLEY.

CITY HALL—2 story and base. Concrete and brick. \$20,000. Burlingame, San Mateo Co., Cal. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, City of Burlingame. Bids opened recently for this work show Robert Trost of San Francisco low at \$19,958. Only \$20,000 is available for complete construction, and it is probable that plans will have to be revised. No action was taken by the City Trustees. A complete list of all figures appears under the heading of San Jose and the Santa Clara Valley in this issue.

BUNGALOWS—1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: G. W. Latta, 434 N Eleventh St., San Jose, 1 story six-room frame cottage, \$2,000, and J. H. Wagner, 320 S Sixteenth St., San Jose, 1 story six-room cottage, \$2,000.

Burlingame City Hall Bids Are Opened.

Robert Trost of This City Low Man on Two-story Building Designed by Architect Charles Peter Weeks.

Fourteen sets of figures were received by the Burlingame City Trustees, September 15th for the construction of their new City Hall building. The structure is a two-story brick and concrete building designed by Architect Charles Peter Weeks, Mutual Bank Bldg., this city. Robert Trost submitted the low-t figure at \$19,958. No official action was taken by the Trustees. Only \$20,000 is available for construction complete and it is probable that plans will have to be re-

vised. The following firms figured the work:

Harlingame City Hall.

Tieslau Bros., Oakland.....	\$21,458
J. W. Carr.....	20,410
C. P. Moore Bldg. Co.....	22,321
Robert Frost.....	19,958
Commary-Peterson Co.	23,393
Caldwell & Wisnom, San Mateo	
.....	21,986
R. H. Van Sant.....	22,166
Newsom-Wold & Kohn.....	22,000
Monson Bros.	21,587
Pringle-Dunn & Co.....	22,750
Ruegg Bros.	23,575
Larsen & Larsen.....	22,254
W. L. Gott.....	21,458
McLaren & Peterson.....	21,548

Building Contracts.

SANTA CLARA COUNTY.

N JULIAN, bet 6th and 7th, San Jose.
Planing mill.
Owner.....Glenwood Lumber Co., 31
N-Third St., San Jose.

Architect...None.
Day's work. COST, \$2500
N AUZERAIS AVE, 2nd Lot E Vine,
San Jose. Three-room cottage.
Owner.....Mrs. L. J. Keane, Premises
Architect...None
Day's work. COST, \$1500

NO. 133 N-MARKET, San Jose. New
roof and repairs.
Owner.....Italian Benevolent Society
Premises.
Architect...None.
Day's work. COST, \$200

NO. 676 N-TWELFTH, San Jose. Re-
pair cottage.
Owner.....S. Vicono, Premises.
Architect...None.
Day's work. COST, \$210

NO. 1284 PLUM, San Jose. Repair resi-
dence.
Owner.....V. Bisorda, Premises.
Architect...None.
Day's work. COST, \$250

NO. 112 COLFAX, San Jose. All work
for frame dwelling.
Owner.....J. Nolan.

Architect...J. A. Weldon, San Jose.
Contractor...J. A. Weldon, San Jose.
Filed Sept. 5, '13. Dated Sept. 3, '13.
Frame up\$357 50
Brown mortar on..... 357 50
When completed 357 50
30 days after..... 357 50
TOTAL COST, \$1430 00

Bond, \$500. Surety, Title Guaranty &
Surety Co. of Scranton, Penn. Limit,
90 days. Forfeit, none. Plans and
specifications filed.

NEAR COR. MARKET AND JULIAN,
San Jose. All work for warehouse.
Owner.....The Keystone Co., 251 N-
Market, San Jose.

Architect...Wm. Rinder, Rea Bldg.,
San Jose.
Contractor...Z. O. Field, 167 S-Priest,
San Jose

Filed Sept. 4, '13. Dated Sept. 4, '13.
75% of labor performed and 90%
of material furnished between
1st and 6th of each month.....
Usual 35 days remaining 25% and
10%

TOTAL COST, \$6700
Bond, \$3250. Sureties, G. Raggio and

F. H. Figel. Limit, 90 working days.
Forfeit, none. Plans and specifications
filed.

NO. 86 S-SECOND, San Jose. Re-
modeling upper story of brick bldg.
Owner.....H. J. Martin, Haven and
Wilson.

Architect...C. S. McKenzie, Bank of
San Jose Bldg., S. J.
Contractor...J. C. Thorp, Porter Bldg.,
San Jose.

Filed Sept. 10, '13. Dated Aug. 27, '13.
Upper story torn out.....\$1300
1-st coat plaster and roof on... 1300
Work completed 1300
Usual 35 days..... 1300
TOTAL COST, \$5200

Bond, \$2600. Surety, Fidelity & De-
posit Co. Limit, 100 working days.
Forfeit, none. Plans and specifications
filed.

ON SAN FRANCISCO ROAD NEAR
Sunnyvale. All work for one-story
frame cottage.

Owner.....T. B. Dawson, Sunnyvale,
California.

Architect...C. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor...M. C. Van Der Kamp, Sun-
nyvale, Cal.

COST, \$1560
Filed Sept. 15, '13. Dated Aug. 18, '13.
Frame up\$390
1st coat plaster on..... 390
When completed 390
Usual 35 days..... 390
TOTAL COST, \$1560

Bond, \$750. Sureties, F. E. Devert and
H. J. Langdon. Limit, 50 days. For-
feit, none. Plans and specifications
filed.

ON PAGE STREET in May Park Tract,
San Jose. All work for one-story
frame cottage.

Owner.....Mrs. C. Behr.
Architect...None.
Contractor...L. I. Kelly, San Jose.

Filed Aug. 30, '13. Dated ———
Frame up\$450
Brown plaster on..... 450
Building completed 450
30 days after.....Remainder
TOTAL COST, \$1800

Bond, none. Limit, 65 days. Forfeit,
none. Plans and specifications filed.

W ROYAL AVE S San Salvadore, San
Jose. Repair cottage.

Owner.....Calcianno Pasquale, Prem.
Architect...None.
Day's work. COST, \$200

LOT NO. 12, Vondome Ave., San Jose.
Four-room cottage.

Owner.....John Celli, Premises.
Architect...None.
Contractor...A. Delmastro, 402 W-San
Fernando, San Jose

COST, \$360

N TAYLOR, 3rd Lot E of 14th, San
Jose. Five-room cottage.

Owner.....C. Scimeca, 17th and Taylor
San Jose.

Architect...None.
Contractor...I. Luthold, 13th & Taylor,
San Jose

COST, \$1700

W BIRD AVE, 3rd Lot S San Salvadore,
San Jose. Repair cottage

Owner.....P. Dazl, 533 W-San Carlos,
San Jose.

Architect...None.
Day's work. COST, \$250

W BIRD AVE 2nd Lot S San Salvadore,
San Jose. Repair cottage.

Owner.....P. Dazl, 533 W-San Carlos,
San Jose.

Architect...None.
Day's work. COST, \$250

NO. 680 W-SAN FERNANDO, San Jose.
Repair cottage.

Owner.....J. Cerruti, 269 Martel,
San Jose.

Architect...None.
Day's work. COST, \$250

NO. 284 PREVAST, San Jose. Repair
cottage.

Owner.....F. E. Rose, Premises.
Architect...None.

Contractor...W. J. Moore, 239 Orchard,
San Jose.

COST, \$400

NO. 434 N-ELEVENTH, San Jose. Six
room cottage.

Owner.....G. W. Latta, Premises.
Architect...None.

Day's work. COST, \$2000

E FIFTEENTH, 2nd Lot S San Carlos,
San Jose. Six-room cottage.

Owner.....J. H. Wagner, 320 S-16th,
San Jose.

Architect...None.
Day's work. COST, \$2000

Building Contracts.

SAN MATEO COUNTY.

LOTS 23 AND 24 BLK 51 Cunningham
Tract, Parallone City. All work for
one-story and attic bungalow.

Owner.....Fredericke Maier.
Architect...Fredericke Maier.

Contractor...Frank L. Richardson.
Filed Sept. 10, '13. Dated Sept. 8, '13.

Frame enclosed, floors laid and
roof on\$500
Plastering finished and ready
for inside finish..... 300
Finished and accepted..... 300
When second party furnishes a
release signed in full by all sub-
contractors 370
TOTAL COST, \$1470

Bond, limit, forfeit, none. Plans and
specifications, none.

COUNTY ROAD near 2nd Ave., San
Mateo. Treads, rises, nosing, strings
and fascia at all interior stairs, floors
in kitchen, pantry, refrigerator laun-
dry, etc., for hospital.

Owner.....St. Matthew's Red Cross
Hospital.

Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.

Contractor...Fibrestone & Roofing Co.,
704 Market, San Francisco

Filed Sept. 10, '13. Dated Aug. 28, '13.

Accepted by architect, 75%. \$1612.50
Usual 35 days, 25%..... 537.50

TOTAL COST, \$2150.00

Bond, \$1075. Surety, United States Fide-
lity & Guaranty Co. Limit, 40

working days after Sept. 5. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Sept. 5, 1913—LOT 11 Brown Sub
Stockton Rancho. A York to whom
it may concern.....Sept. 2, 1913
Sept. 5, 1913—LOT 10 BLK 3 Shot-
tenhamer Sub, City of San Jose. J

W Weedon to whom it may concernSept. 4, 1913
 Sept. 6, 1913—LOT 8 Sycamore Tract, San Jose. E D Lynch to Wolf & WolfSept. 1, 1913
 Sept. 11, 1913—COR STEVENS CREEK and San Salvador, San Jose. Mrs A M O'Connor to Shottenhamer BrosAug. 25, 1913
 Sept. 12, 1913—LOT 38 BLK 1, San Jose Park Tract, San Jose. Tillie Peters to A V PetersSept. 12, 1913
 Sept. 19, 1913—COR MONROE AND Madison, Grammar School Lot, Santa Clara. Board of Education to Morrison BrosSept. 15, 1913

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Sept. 18, 1913—VILLA AND CASTRO Mountain View. Judson Mfg Co vs H C Spreen, G Odell and A Jurlan\$135.84

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Sept. 6, 1913—LOT 53 BLK 9, Crocker Estate Tract, Daly City. Arthur G Duncan to L L Allen. Aug. 29, 1913
 Sept. 6, 1913—HILLSBOROUGH. Chas T Crocker to Smoot Co. Aug. 30, '13
 Sept. 8, 1913—LOT NO. 16 BLK "N" Sub No. 3 and Re-sub of Blks "G" and "H" Sub No. 2, Hayward Park. Thos Hume and Sophie (his wife) to Croop & KeeganSept. 6, 1913

BUILDER'S BOND.

SAN MATEO COUNTY.

Sept. 17, 1913—36 ACRE TRACT, Easton, San Mateo Co. Owner, C. Frederick Kohl with John MacBain, contractor. Surety, Fidelity & Deposit Co. of Maryland. Bond, \$33,490. Contract filed August 21, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL ADDITION—2 story and base, brick and steel, \$80,000. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County High School District. Plans have been submitted to the Board of Supervisors for an addition to the present County High School. New building will be two stories in height and of fireproof construction. There will be a number of class rooms, gymnasium, a large auditorium and laboratories. Interior finish will be of pine with maple floors. There will be steam heat. Considerable tile and marble will be used. Exterior of the building will be faced with pressed brick. Working drawings are being prepared.

PASSENGER STATION—1 story and base, brick and concrete, \$25,000. Porterville, Tulare Co., Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Company. Plans are complete and bids are now being

taken for the construction of a new depot in Porterville. There will be two waiting rooms, agent's office and baggage room. There will be a central heating system. Interior will be finished in pine. Exterior of the building will be faced with cement or pressed brick. Plans can be secured from the Engineer's office, Flood Bldg., San Francisco. Bids will be opened on September 25th.

Contracts Awarded.

DETENTION HOME—2 story and base, brick and steel, \$12,200. Fresno, Fresno Co., Cal. Architects, Swartz, Hotekin & Swartz, Rowell Bldg., Fresno. Owners, Fresno County. Contractors, Lindgren & Co., Monadnock Bldg., S. F. Contract price, \$12,200.

Building Contracts.

FRESNO COUNTY.

N STREET AND LOS ANGELES AVE., Fresno. All work for reinforced concrete tank, foundations, retaining walls, covered platform, garage, office, etc., for Fresno Distributing Station.

Owner.....Associated Oil Co., Sharon Bldg., San Francisco.
 Architect.....None.
 Contractor.....H. F. Smith, 52 Garland Ave., Alameda.
 Filed Sept. 15, '13. Dated Aug. 30, '13.
 On 10th of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$6141
 Bond, \$3100. Surety, Massachusetts Bonding & Insurance Co. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

PART OF W 1/2 LOT 7, Yoakum Tract, Selma. All work for one-story frame dwelling.

Owner.....R. G. Wildey & P. M. Yost.
 Architect.....Thos. W. Birmingham.
 Contractor.....Joseph H. Keosseyan.
 Filed Sept. 15, '13. Dated Sept. 13, '13.
 Enclosed and shingled.....\$412.75
 Completion of building..... 412.75
 36 days after..... \$25.50
 TOTAL COST, \$1651.00
 Bond, \$826. Sureties, I. M. Townsend and S. A. Noble. Limit, forfeit, none. Plans and specifications filed.

LOTS 1, 2, 3 BLK 104, City of Fresno. All work for addition to building.

Owner.....E. F. Mitchell, 681 Market, San Francisco.
 Architect.....None.
 Contractor.....California Constr. Co., San Francisco.

Filed Sept. 15, '13. Dated Sept. 5, '13.
 Steel delivered.....\$800
 Usual 35 days..... 235
 TOTAL COST, \$1035
 Bond, \$1085. Surety, W. B. Kyle. Limit, 20 working days. Forfeit, none. Plans and specifications filed.

LOTS 37, 38, 39, 40 SUB NO. 2 Bullard Lands Irrigated, Fresno. All work for two-story frame barn, garage and pump house.

Owner.....J. C. Forkner, Fresno.
 Architect.....None.
 Contractor.....Henry Gede, 140 Jensen Ave., Fresno.
 Filed Sept. 15, '13. Dated Sept. 15, '13.
 Frame erected.....\$400
 Completion 400
 Usual 35 days..... 450
 TOTAL COST, \$1250
 Bond, \$700. Surety, Southwestern

Surety Insurance Co. Limit, 27 working days. Forfeit, \$5 per day. Plans and specifications filed.

LOTS 37 TO 40 SUB. NO. 2 Bullard Lands Irrigated, Fresno. All work for one-story frame dwelling.
 Owner.....J. C. Forkner, Fresno.
 Architect.....None.

Contractor.....Henry Gede, 140 Jensen Ave., Fresno.
 Filed Sept. 15, '13. Dated Sept. 15, '13.
 Frame up\$250
 Completion 250
 Usual 35 days..... 350
 TOTAL COST, \$850
 Bond, \$500. Surety, Southwestern Surety Insurance Co. Limit, 35 working days. Forfeit, \$5 per day. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

LIENS FILED

MARIN COUNTY.

RECORDED AMOUNT
 Sept. 15, 1913—SAN RAFAEL. Crane Co (corp) vs Dominican College and H M Hoffman & W L Meusser..\$756.32
 Sept. 13, 1913—ROSS VALLEY PK, San Anselmo, Marin Co. Acme Lumber Co (corp) vs Hamilton Willis Jr and Emily Willis.....\$161.31

LIENS FILED.

MARIN COUNTY.

RECORDED AMOUNT
 Sept. 19, 1913—MAGNOLIA & GRAND Ave, San Rafael. Plant Rubber & Supply Co (corp) vs Dominican College and Hoffman & Meusser..\$172.57

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, \$2,000. Sacramento. Architect, none. Owners, O. H. Moore & Co., 2903 35th street, Sacramento. The house will contain six rooms and bath, and is to be erected on the East End Division Tract. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be a large open fire place in the living room with brick or tile mantel. Tile Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and work will be done by Day Labor.

DORMITORY—2 story, frame. Cost not stated. Davis, Volo Co., Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, University of California. Plans have been completed and are now out for figures for a two-story frame dormitory building which is to be erected at the University Farm at Davis. Interior finish will be of pine throughout. Exterior of the building will be covered with rustic and shiplap. There will be modern plumbing and a central heating system. Plans can be secured from the Comptroller of the University at Berkeley. Bids will be opened on September 24th.



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Contracts Awarded.

LEVEE WORK—Earth and rock construction. Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Three bids were received by the Sacramento Commissioners of Public Work for levee work in Districts 4, 8 and 19. The Summit Construction Co. offered to do the work in District 4 for \$51,000 and in District 8 for \$81,000, making a total bid of \$135,000. Other bids submitted by Haviland, Dozier and Tibbets on the whole work were for 9 1/2 per cent above cost, and F. E. Frye for the work in Districts 8 and 19 for 10 per cent above the cost. All bids have been taken under consideration by the Commissioners of Public Works.

Building Contracts.

SACRAMENTO COUNTY.

LOT 11 AND N 1/2 LOT 2, Clairmont Tct., East Sacramento. Two-story concrete standstone & frame bungalow.

Owner....Charles A. Bliss,
Architect....None.
Contractor....George W. McKay.
COST, \$6042

LOT 11 East End Add'n. Sacramento. Erect dwelling.

Owner....W. L. England,
Architect....None.
Contractor....O. H. Moore & Co., 2903
35th St., Sacramento.
COST, \$1800

LOT 19 East End Add'n. Sacramento. Erect dwelling.

Owner....O. H. Moore & Co., 2903
35th St., Sacramento.
Architect....None.
Day's work.....COST, \$2000

W 1/2 Lot 4 O. P. 30TH AND 31ST STS Sacramento. Alter building.

Owner....Mrs. L. Jurgens, 3028 O St., Sacramento.
Architect....None.
Contractor....C. J. Hopkinson, 1318 25th St., Sacramento.
COST, \$1200

LOTS 61 AND 62 West Curtis Oaks, Sacramento. Dwelling.

Owner....A. S. Hildebrand, 1115 8th St., Sacramento.
Architect....None.
Contractor....T. M. Dougall, 2713 1st Ave Sacramento.
COST, \$3200

LOT 37 Goethe Sub. 60, Sacramento.

Alter dwelling.
Owner....G. Brochini.
Architect....None.
Contractor....P. Leoni, — P St., Sacramento.
COST, \$100

LOT 26, 28TH STREET TRACT, Sacramento. Dwelling.

Owner....Mrs. G. Harnson, 1912 11 St., Sacramento.
Architect....None.
Contractor....D. B. Vernon, 294 Stockton Ave., Sacramento.
COST, \$1200

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Sept. 12, 1913—LOTS 19 AND 20 Allen Tct; Nos. 2113 and 2115 33rd St., Sacramento. Clark Realty Co to H Goldman.....Sept. 11, 1913

Building Contracts.

SAN JOAQUIN COUNTY.

LOT NO. 6 BLK 46 W OF CENTER street, Stockton. All work for two-story frame residence.

Owner....R. R. Hammond 18 E-Flora St. Stockton
Architect....Wm. B. Thomas, San Joaquin Bldg., Stockton.
Contractor....Sinnott Bros., 330 N-Van Buren, Stockton.

Filed Sept. 11, '13. Dated Sept. 11, '13.
Foundation in\$1000 00
Frame up1500 00
Plastering completed1750 00
Completed and accepted....\$3750 00
Usual 35 days.....2062 50
TOTAL COST, \$8250 00

Bond, \$4125. Sureties, J. A. Inglis and T. B. Littleton. Limit, none. Forfeit, none. Plans and specifications filed.

CENTER LINE OAK AT INSTR OF center line Hutchins, Stockton. All work for three-story and basement white faced brick school building.

Owner....Lodi High School, Lodi.
Architect....Stone & Wright, 31 S-California St., Stockton.
Contractor....Arthur Arlett, S. F.

Filed Sept. 10, '13. Dated Sept. 10, '13.
15th and 30th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$119,620
Bond, \$90,000. Surety, Hartford, Conn. Limit, none. Forfeit, \$10 for each day work not completed. Plans and specifications filed.

LOTS 9 AND 10 BLK 4, Tracy, Cal. All work for one-story brick build-

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

ing (store and saloon).
Owner.....J. H. Craig, 221 S-Sierra Nevada St., Stockton.
Architect....Wm. B. Thomas, San Joaquin Bldg., Stockton.
Contractor....Jos. F. Hoerl, 1128 South Stanislaus St., Stockton.
Filed Sept. 10, '13. Dated Sept. 10, '13.
Brick work done.....\$825
Roof on845
Building completed855
Usual 35 days.....840
TOTAL COST, \$3365
Bond, \$1680. Surety, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Sept. 11, 1913—N 85 FEET LOT 8, J. K. 14th and 15th Sts., Sacramento. Chauncey H Dunn to Ransome Concrete Co.....Sept. 8, 1913

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT
Sept. 8, 1913—FARM NO. 663 and Farm No. 669 Cont. 20 acres; No. 663 and No. 669 Central California Traction Unit No. 10. W Thoenes \$3675; Eberhardt & Rhodes, \$140 vs Hamilton Investment Co.....
Sept. 6, 1913—LOT 13 BLK 1 R Turner's Subvn, Sacramento. Capital Paint Co vs H H and Ethel Mull.....\$70.40

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE — 2 story and base, frame, \$7,000. Los Angeles, Cal. Architect, George H. Skidmore, Union Oil Bldg., L. A. Owner, Mrs. C. A. Bennet. The dwelling will be erected at the corner of Eighth street and Mountain avenue, and has been designed to contain 10 rooms, baths and sleeping porch. Interior finish will be of pine and birch. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath house and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with stucco. Plans are not being prepared.

APARTMENT HOUSE—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, R. M. Jackson, Citizens' National Bank Bldg., L. A. Owner, Southwest Investment Co. The building will be erected at

the corner of 18th and San Pedro streets covering an area of 10x76 feet. First floor will be arranged for stores and upper floor will be subdivided into four apartments of three rooms and bath. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Stores will have patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Bath rooms will have cement floors and tile wainscot. Plans are being prepared.

APARTMENT HOUSE—2 story and base, brick and steel, \$15,000. Los Angeles, Cal. Architect, none. Owner, Mrs. Fannie L. Lowe, 624 West 8th street, L. A. The building will be erected on Slansen avenue near Hoover street. There will be several stores on the first floor and twelve suites of two and three rooms each on the upper floors. All apartments will have beds and private baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LODGE HALL ALTERATIONS — 2 story and base, brick. Cost not stated. Ontario, San Bernardino Co., Cal. Architect, Eager & Eager, Story Bldg., L. A. Owners, Independent Order of Odd Fellows. The first floor of the present building will be altered for store purposes and the second floor will be rearranged for a large lodge room, reception hall, banquet room, lounging rooms, billiard rooms and kitchen. Interior finish will be of pine and hardwood. A new steam heating system will be installed. Exterior of the building will be faced with cream colored pressed brick. Plans are now being prepared.

HOSPITAL—4 story and base, reinforced concrete, \$250,000. San Diego, Cal. Architect, John S. Siebert, Spreckels Bldg., San Diego. Owners, E. Alex. T. Crane and J. L. Adams. A site covering an area of 100x200 feet has been secured on Cedar street between 7th and 8th streets. The basement will contain the emergency wards, storage space and mechanical equipment. First floor will contain the administrative departments, consultation rooms, dining room and kitchen. Second and third floors will be devoted to wards and private rooms. The fourth floor will contain two operating rooms. Contagious ward will occupy the roof. Construction will be fireproof. There will be steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with cement plaster. Plans are now being prepared.

HOTEL—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, W. W. Neuer. The building will occupy a corner site and will contain several stores on the first floor besides the hotel lobby and entrance. Upper floors will be arranged for 110 guest rooms, 25 per cent of which will have private baths. Interior finish will be of pine and hardwoods. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Store will have patent fronts. Bath rooms will have cement floors and tile wainscot. Exterior of the building

will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—4 story and base, brick and steel. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, S. Tilden Norton, Title Insurance Bldg., L. A. Owners, W. M. Gottschalk and A. Siorety. The building will be erected on a corner lot and will contain five stores on the first floor. Upper floor will contain in the neighborhood of 120 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and birch. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

RESIDENCE — 2 story and base, brick and frame, \$15,000. Los Angeles, Cal. Architect, H. H. Whiteley, Story Bldg., L. A. Owner, S. M. Cooper. The dwelling will be erected on a corner lot and will contain in the neighborhood of 11 rooms and 3 baths. Interior finish will be of pine, cedar, oak and birch. Hardwood floors will be used in the principal rooms. There will be furnace heat and three open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be faced with cream colored pressed brick. Plans are being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner's name withheld. The dwelling will occupy a corner site and has been designed for a 14-room house with 4 baths and sleeping porches. Interior finish will be of pine, oak, cedar and birch. Hardwood floors will be used in the principal rooms. There will be furnace heat and four open fire places. A garage will also be erected on the property. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

STORES AND THEATRE 1 story and base, brick and steel, \$30,000. Los Angeles, Cal. Architect, Lawrence A. Valk, Union Oil Bldg., L. A. Owner, Henry Lamb. This work has been mentioned here before when plans were first prepared. The building will cover a large area and has been designed to contain a moving picture theatre and five stores. Interior finish will be of pine throughout. Stores will have patent store fronts and plate glass windows. There will be a modern ventilating system in the theatre. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOFT BUILDING—6 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, Harold Cross, Bible Institute Bldg., L. A. Owners, Lyon, McKinney & Smith. The building is to be erected on South Hill street and will have a frontage of 60 feet and a depth of 150 feet. Considerable steel will be used. There will be store on the first floor and upper floors will be arranged for light lofts

Plans provide for freight and passenger elevators, steam heat and metal window sash and frames. Interior finish will be of pine. There will be automatic sprinkler, patent store fronts and sidewalk doors. Exterior of the building will be faced with pressed brick. Plans are now nearly complete.

THEATRE—1 story and base, reinforced concrete. Cost not stated. Long Beach, Los Angeles Co., Cal. Architects, Metcalf & Davies, 13 American avenue, Long Beach. Owners, Kuhn Amusement Co. The building will be erected on West Ocean avenue and will contain a large auditorium and one store. Interior finish will be of pine and ornamental plaster. A modern system of heating and ventilation will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being called.

THEATRE AND STORES—1 story and base, brick and steel, \$20,000. Los Angeles, Cal. Architect, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Joseph L. Murphey. The building will be erected on a corner site, covering an area of 50x150 feet. Besides the theatre there will be two stores. Interior finish will be of pine throughout. Considerable tile and ornamental plaster will be used in the theatre. There will be a modern system of ventilation. A cement floor will be used. Stores will have patent fronts and plate glass windows. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster and artificial stone. Plans are nearly complete and figures will be taken next week.

THEATRE—1 story and base, brick, \$14,000. Los Angeles, Cal. Architect, Lawrence Valk, Union Oil Bldg., L. A. Owners, H. Lustig and M. Gore. The building will be erected on a corner site and will contain two stores besides a moving picture theatre seating 500 people. Interior finish will be of pine throughout. Construction will be fireproof. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

CHURCH—1 story, frame, \$10,000. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, York Boulevard Methodist Church. The building has been designed in the Mission style and will have an auditorium with a seating capacity of 250 people. Sunday school rooms and pastor's study. Interior finish will be of pine and redwood. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will shortly be taken.

LIBRARY—1 story and base, brick, \$19,000. Huntington Beach, Los Angeles Co., Cal. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, Town of Huntington Beach. The building, which is to be classic in design, will be erected on a corner site, covering an area of 36x50 feet. Interior will be finished in pine and hardwood. There will be two reading rooms, librarian's office and stack room. Maple floor will be used. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORE AND ROOMS—2 story and base, brick. Cost not stated. Corona, River side Co., Cal. Architect, H. C. Kogner, 424 Broadway, L. A. Owners, Corona Investment Co. The build-

ers, Columbia Investment Co. The building will be erected on a corner site, covering a large area. There will be banking rooms, post office and five stores on the first floor. Upper floor will be arranged for 13 guest rooms and several lobbies. Interior finish will be of paneled rough out. Plan provide for steam heat and a hot water system. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and bids will be called for next week.

Contracts Awarded.

HOSPITAL—2 story and base, reinforced concrete, \$45,111. Santa Ana, Orange Co., Cal. Architect's name not given. Owners, Orange County. Contractor, C. R. McNeil, 911 Spurgeon street Santa Ana, general construction only. Contract price, \$45,111.

PAESSENER STATION—2 and 1 story, Chas. A. and Chas. C. \$250,000. Los Angeles, Cal. Architects, Parkinson and Ferguson, Security Bldg., L. A. Owners, Southern Pacific Co. Contractors, Alta Planning Mill Co., 830 McCarty St., L. A. General construction only. Contract price, \$250,000.

STORE AND OFFICES—2 story and base, reinforced concrete, \$20,000. Santa Ana, Orange Co., Cal. Architect, F. H. Eley, Hervey-Finlay Bldg., Santa Ana. Owner, H. D. Meyers. Contractor, N. L. Galbraith, 1029 West 3rd St., Santa Ana. Contract price, \$20,000.

PORTLAND AND OREGON.

RESIDENCE—3 story and base, brick, \$35,000. Portland, Ore. Architects, Ellis F. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owner, Daniel Kern. The dwelling has been designed for a modern city residence, and will contain in the neighborhood of 14 rooms, several baths and sleeping porch. Interior finish will be largely of hardwoods with pine. Hardwood floor will be used in the principal rooms. There will be steam heat and open fire places. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot. Exterior of the house will be faced with pressed brick. Plans are complete and the work is being done by Day Labor.

HOTEL—3 story and base, brick and steel, \$30,000. Portland, Ore. Architect, A. C. Ewart, Beck Bldg., Portland. Owner, Jessie M. James. The building will be erected on 6th street near Irving covering an area of 50x100 feet. Plans provide for two stories on the ground floor besides the hotel lobby. Upper floors will be arranged for a total of 55 guest rooms and a number of public baths. There will be steam heat and a hot water supply. Interior finish will be of pine throughout. There will be patent store front and plate glass windows. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

WAREHOUSE—1 story and base, brick and concrete, \$20,000. Baker City, Ore. Architect, M. P. White, Baker City. Owner, S. A. Helmes. The building has been designed with foundations and exterior walls heavy enough to carry additional stories. The building will cover an area of 50x200 feet and will be erected near the railroad and will have spur track facilities.

There will be a cement floor, metal window sash and frames and fire proof doors. Exterior will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

HOTEL—2 story and base, brick. Cost not stated. Sheridan, Ore. Architects, Brubaker Construction Co., Railroad Exchange Bldg., Portland. Owner's name not given. Contractors, Brubaker Construction Co., Railroad Exchange Bldg., Portland. Contract price not stated. Note: The building will cover an area of 58x100 feet.

STORE AND BILLIARD HALL—2 story and base, brick, \$12,000. Portland, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owner, Frank Keenan, Contractor, J. K. Flynn, 589 Hoyt street, Portland. Contract price, \$12,000.

SEATTLE AND WASHINGTON.

NEW ARCHITECTURAL FIRM ANNOUNCED.

TACOMA, WASH.—C. F. W. Lundberg and Frank Mahon have formed a co-partnership for the practice or architecture under the firm name of Lundberg & Mahon. Offices will be in the Provident Building, Tacoma.

Both members of the firm are well known members of their profession in the city of Tacoma and throughout the States of Washington and Oregon. The partnership is regarded by their many friends as a strong combination of business ability and professional skill.

APARTMENT HOUSE—3 story and base, brick and steel, \$37,000. Seattle, Wash. Architect, Robert E. Knipe, Henry Bldg., Seattle. Owner, Robert E. Knipe. The building will be erected on 18th avenue near Republican street, and will cover an area of 42x114 feet. Interior has been arranged for ten large suites, ranging from four to seven rooms. Interior finish will be of pine and hardwood with hardwood floors in all dining and living rooms. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. Tile and marble will be used in the entrance vestibule. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

Contracts Awarded.

HOTEL—3 story and base, brick and steel, \$125,000. Seattle, Wash. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. Contractors, Butler Construction Co., Central Bldg., Seattle. Contract price, \$125,000.

LIBRARY—1 story and base, brick, \$10,000. Renton, Wash. Architect, Harold H. Ginnold, Epler Bldg., Seattle. Owners, City of Renton. Contractors, Eckman & Mowatt, Mutual Life Bldg., Seattle. Contract price not stated.

DRAINAGE CANAL FOR YUBA.

YUBA CITY (Sutter Co.), September 20.—The Directors of Reclamation District 1,001 have decided to start immediately the construction of four miles of drainage canal proposed to

be built from the pumping plant to a northerly point. The work is to be done by a large excavator and will be under the supervision of the Directors.

The prime object of the canal is to drain a large acreage that is flooded during high water stages to such an extent that the crops cannot be planted in time. The land is especially valuable for growing beans. If present plans carry a \$60,000 pumping plant will be installed next year.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11599, Automobile.—Inquiry has been made at an American consulate for the description and price of a 6-passenger automobile. The would-be purchaser wants a low-priced car of light or medium weight, but with sufficient power to climb steep hills with a full load. Manufacturers who are interested should send descriptions and prices to the consulate in question for transmission to the inquirer.

No. 11600, Household articles and kitchen utensils.—A manufacturers' agent in France informs an American consular officer that he desires to obtain agencies for American manufacturers of household articles, such as are sold in department stores. He particularly specifies glassware, enameled and aluminum goods, and small tools.

No. 11560, Sanitary lavatories.—Inquiries have been made at an American consulate by a member of a Latin American municipal council regarding the manufacturers or washing basins in which the water spouts up from the center in such a way that a person can wash in running water. Catalogues and price lists should be sent to the inquirer at once.

No. 11562, Steam tug.—The Harbor Board, Santander, Spain, invites tenders for steam tug for dredgers at an estimated cost of \$18,493. Particulars may be obtained of Junta de Obras del Puerto.

No. 11563, Oil tanks, machinery, and tools.—An American consular officer in a Latin American country reports that there is now being constructed a plant for the extraction of petroleum from wells, and the storage of it in tanks. Other projects are contemplated, and any American houses wishing to become listed as possible bidders should send their names to an official named in the report. Copy of the complete report, as well as the latest official reports on the oil exploitations may be obtained from the Bureau of Foreign and Domestic Commerce.

No. 11567, Sewage works.—The Egyptian Ministry of Public Works, on behalf of the municipality of Port Said, invite tenders for the construction of the disposal works in connection with the drainage of Port Said, including detritus tanks, sedimentation tanks, four circular bacterial filters, humus

tanks, and all necessary pipes, chambers, and channels. Tenders will be received until October 11 by the Controller General, Main Drainage Department, Ministry of Public Works, Cairo, at whose office conditions of tender plans, etc., may be seen or obtained on payment of \$15, which will not be returned.

No. 11568, Electric lighting machinery and plant.—Tenders are invited by the Egyptian Ministry of the Interior for supplying the machinery and plant required for the installation of electric light in the town of Samannoud. The contract will be divided into two parts, (1) generating plant and equipment and the lighting of the central station (2) the distributing system. The offer may be for the complete installation or for either section. Sealed tenders will be received until October 31.

No. 11569, Water Supply.—The municipality of Rio Grande do Sul Brazil is calling for tenders for a concession for the provision of a water supply, sewerage, and rainwater drainage system in the town at an estimated cost of \$1,946,600 to \$2,433,250. Tenders, accompanied by a deposit of about \$1,621, will be received until December 15 by Sr. Coronel Intendente Municipal, Directoria de Obras, Rio Grande do Sul, Brazil.

No. 11570, Supplies of various kinds.—Tenders are invited by the municipality of Alexandria for supply of various articles required for the use of the Service du Nettoiement during 1913-14, including oils and colors, wood, steel and iron bars, angle iron, bolts and nuts, screws, rivets, brooms, buckles, wire, etc. Sealed tenders will be received until September 30 by the Director General de la Municipalite d'Alexandria, Egypt.

REGILDING THE CROSS ON ST. PAUL'S.

Four hundred feet above the pavement of St. Paul's churchyard, a gang of men is at present engaged upon a task of unique interest. About ninety years ago the ball and cross which surmount the great dome of St. Paul's Cathedral were gilded, and the work apparently was of such an excellent character that it has withstood the wear and tear of time until lately, when it was decided to regild the cathedral cross.

From the pavement the ball looks little larger than a football and the cross but three or four feet high. As a matter of fact, however, the latter, which is said to weigh 3360 pounds, is no less than thirty feet in height, while the ball on which it is mounted is six feet in diameter and will hold ten or twelve persons.

Only the best English "double gold" leaf, as it is technically described, will be used—that is, pure gold beaten out and placed on transfer paper treated with paraffin wax and double the thickness ordinarily employed for outdoor work—from which it will be obvious that the regilding process will be a very costly one. As a matter of fact, the total cost of the job, which will take a couple of months to complete, will be considerably over £1000.

The scaffolding which is being used is extraordinarily simple, consisting of little more than a few ladders, set up by a firm of experts in the fixing of lightning conductors. A different

method, however, was employed when the original ball and cross set up by Wren, were gilded in 1821. On that occasion they were removed, and apparently the scaffolding was not fixed as it should have been; for it has been told how, according to the boisterous weather, scarcely a day passed without some part of the scaffolding or the machinery connected with it being damaged.—London Tid-Bits.

CHINESE IRON COMPETITION.

The proposed placing of pig iron on the free list has brought one of the Pennsylvania Senators to the front with doleful anticipations of the closing of our merchant furnaces by the rush of imports from China. His figures as to wages and other costs in that country make a striking contrast to those of the Pennsylvania iron makers; but when we come down to actual facts, the prospects of any real competition seems sufficiently remote. China has certainly large resources in iron ore and coal, but there development so far has been exceedingly slow and does not seem to increase. The largest iron works in China are those at Hanyang, and in this country the plant would rank as a small one; moreover, its total production is far below the consumption of the country. What foreign trade it has is chiefly with Japan, and that country takes more iron ore than pig or finished ore, preferring to do the melting in its own furnaces.

One attempt was made on the Pacific Coast to import Chinese pig regularly under contract, but that resulted in a rather disastrous failure. The exports of iron ore from China reached their highest figure in 1911, with 68,630 tons, but in 1912 fell to a little less than 8,000 tons. In both years little or none of the exported iron went farther than Japan. Even if it had all come to this country the quantity would have been less than .002 per cent of our consumption.

We are not advocating free pig iron especially; but its opponents, to secure success, must find some better argument than Chinese competition. The awakening of industrial China is slow and must be slow, in the nature of things. Forty or fifty years from now iron from the East may be a factor in our industrial situation, and then it may be time to protect ourselves. At the present time, however, it seems simply a waste of time to talk about it.—Engineering and Mining Journal.

BANK CLEARINGS.

Bank clearings as reported to the California Development Board by the several clearing house cities for the week ending September 11, follows: San Francisco, \$47,351,902; Los Angeles, \$21,374,143; Oakland, \$3,811,501; Sacramento, \$1,205,600; San Diego, \$2,360,115; Fresno, \$1,055,019; Stockton, \$974,902; San Jose, \$591,553; Pasadena, \$822,187; Bakersfield, \$608,235.

SALE OF SCHOOL AND SEWER BONDS.

The City Treasurer sold during the last week \$105,000 of 5 per cent school and sewer bonds. Since August 14 the treasurer has disposed of \$800,000 worth of bonds in denominations of

\$1000 to citizens of San Francisco. The treasurer has now \$6163,000 remaining to be sold and applications and deposits made for \$63,000 of that amount will be delivered soon.

PROGRESS ON EXPOSITION WORK.

Director of Works Harris D. H. Connick, in a report just submitted to President Charles C. Moore of the 1915 International Exposition, tells of the activities on the Exposition site at Harbor View. He re-affirms the promise of the Exposition directorate made one year ago in positively declaring that every one of the exhibit palaces will be completed nine months before February 26th, 1915, the date of opening the Exposition gates. "Up to date, 25,100 feet of pipe for the high pressure water system has been laid, and the work is about forty per cent completed," said Director Connick. "About 235 head of stock with necessary scrapers, plows, wagons, etc., are engaged in grading the Exposition site. "About 48 head of stock with proper equipment are now employed in grading the race track and drill ground and 235 head of stock are grading the railway yards, Lyon street, the band concourse, the Fine Arts Pool, and spreading loam in the South Gardens and storing loam on the site of the old Pacific Nursery. "The contract for the Service water supply system on the Exposition grounds called for 63,173 feet of pipe of which 54,830 feet have actually been laid. "Eighty per cent of the work on the Machinery Palace has been completed. During the month of August, 1,070,000 feet of lumber was erected in place. All the heavy framing for the Machinery Palace is completed with the exception of a small amount in the east entrance, and there still remains to be done about 300,000 feet of light work, consisting of studding, sheathing, flooring and furring.

"About 46,000 feet of the finished roofing has been completed. The staff work for the north end and the north half of the building is rapidly nearing completion, about 25,000 square feet having been set since my last report. The work on the plumbing, high pressure system and sprinkler system for this great building is progressing rapidly. "All lumber for the Palace of Education has been received and since August 1st, 375,000 feet of lumber have been placed in position. The wall and roof framing is being conducted along with the heavy framing. All concrete work has been finished to the first floor line. Centering for the fire wall has been completed to the height of balcony framing and concrete will be poured within a few days.

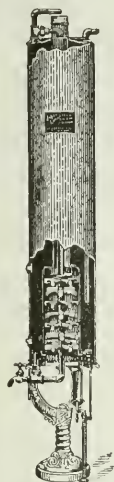
"Nearly all the structural work for the Food Products Building has been framed but the assembling is progressing slowly due to a lack of steel. The traveler used for the erection of material is in place and the erection will start immediately upon the receipt of steel. "The conduit system for the Exposition building section is nearly half completed. Nearly two million feet of lumber have been placed below the first floor in the construction of the Agricultural Palace, and framing of timbers has commenced."

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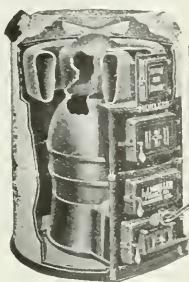
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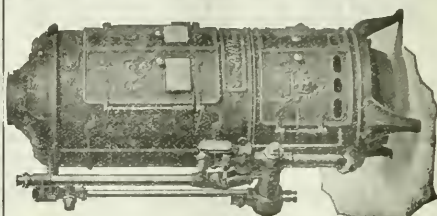
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Nilson & Arras
New Era Marble & Concrete Co.
Nugent, Robinson
Peterson & Co. Chas. T.
Rasmussen, A.
San Francisco Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Spargo, John
Stanquist & Taylor.
Szoke, Francis
Thomas & Sands
Westerlund, J. V.
Zimmerman, L. M.
Concrete Machs.
Bacon & Co. E. R.
Graves & Spens
Road Machs. Co.
Lilley & Thurston Co.
Livermore Co., Norman E.
Contractors' Equipment.
A. L. Young Machinery Co.
Applan, Cornice
Work & P. n.
Bacon & Co. E. P.
Langford, Felts & Myers
Orrington - Arthur Konnel Co.
Cornice Works.
Atlas Heating & Ventilating Co.
Barth, Cor. Wks.
Capital Sheet Metal Works
Crown Cornice
Guilford Cor. Wks.
Compens & Nygren
Fahler Cornice Works
H. & M. Sheet Metal Works
Holmer Sheet Metal Works

Hibernia Sheet Metal Works
Huches, H. J.
Hurabelle Bros.
Ideal Cornice Co.
Korell & Co. J. A.
Modern Sheet Metal Works
Morrisson & Co.
Olive & Leary
United Sheet Metal Works
Western Furnace & Cornice Co.
S. F. Metal Stamp & Carr. Co.
Crawl Oil Burners
Hall & Jacobsen
Sherman, Kimball & Co.
Crushed Rock.
Bay Devel. Co.
Cal Building Material Co.
Cassarretto, John
City Supply Co.
Holland, J. P.
McAullin, A. L.
Simon-Point Brick Co.
Standard Crushed Rock Co. E. B. & A. L.
Western Development Syndicate
Damp Proofing.
Brickey, P. J.
Fox, John L.
Imperial Waterproving Co.
Ragle & Jamieson
Taylor, L. Z.
Door Opener and Closer.
Rischmuller, Geo.
Electric Fixtures.
American Gas & Electric Fixture Co.
Calif. Gas & Electric Fixture Co.
Pacific Gas & Electric Co.
Electric Light Co.
City Electric Co.
S. F. Gas & Electric Co.
Electric Wiring & Equipment.
American Electric Eng. Co.
Cal. Elec. Constr. Co.
Central Elec. Co.
City Protective Electric Co.
Decker, Electrical
Construction Co.
Farnsworth Electrical Works.
Geddes & Electric Constr. Co.
General Eng. Co.
Globe Electric Works
Harridre, W. S.
Hicks Elect. Co.
Kirsten, W. H.
Low Elec. Co.
Machinist Electric Co.
McFell Elec. Co.
National Electric Co.
Newberry, Bent
helm Elec. Co.
Pac. Fire Extinguishers Co.
Richards, P. n.
Ridgdale, Elec. Co.
Schmidt & M.
Standard Elec. Co.
The
Webbental - Gas
line Elec. Co.
Webb Electric Co.
Elevators Holdlers.
Ott Elevator Co.
S. F. Elevator Co.
Van Emon Elevator Co.
Estimator.
Works
Crook & Eastman
Dillon, H.
Ferguson, W. H.
Hawell
Morse, E. J.
Pridle, Milton
Walker, J. M.
Church

Floors, Composition.

Artolith Mfg. Co.
 Benoit K&F. Co.,
 J. W.
 Dwan Co., J. E.
 Friestone &
 Roofing Co.
 Flannery R. & P.
 Co., H. H.
 Goodmansan, A. K.
 Malott, Peterson
 & Adams.
 Watsonite Co.
Floors, Hardwood.
 Calif Parquet F.
 Co.
 Hardwood Lit. Co.
 Inland Floor Co.
 Pac. Floor Sand-
 ing Co.
Galvanized Iron.
 Baker & Hamil-
 ton
 Berger Mfg. Co.
Gas Fixture.
 American Gas &
 Elec. Fixture Co.
 Cal. Gas & Elec-
 tric Co.
 Day Co., Thomas
**Gas Heating Sys-
 tems.**
 Reator System
 Gas Heating Co.
**Gasoline Tanks &
 Pumps.**
 Deming, E. R.
Glass & Glazing.
 American Plate
 and Window
 Glass Co.
 Cal. Plate & Win-
 dow Glass Co.
 Cohen, I.
 Day Co., W. P.
 Grosslicht & Din-
 niene
 Habenicht &
 Howlett
 Mission Plate &
 Window Glass
 Co.
 Pioneer Plate &
 Window Glass
 Co.
 Schwarz & Gott-
 lieb
 United Glass
 Works (Inc.)
Grading.
 Branick, J. P.
 Button, I. V.
 Cassaretto, John
 Devincenzi & Co.,
 L.
 Dillon Teaming
 Co.
 Gallen & Carlin
 Hartnett J. D.
 Holland, J. P.
 Lennon Co., J. E.
 Leffler, Fred
 Luzeen, Ernest
 McGlinchey &
 Menohan
 Montague Co., P.
 O'Day Co., Dan'l
 O'Donnell, Philip
 Powers, Chas. J.
 Rahiman & Woods
 Schmid, A.
 Sibley Grading &
 Teaming Co.
 Star Con. Co.
 Wright Co.
Granite Curbing.
 Graham Granite
 Co.
 Leed Granite Co.,
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 Pacific Granite Co.
 Placer Granite Co.
Gravel.
 Bay Devel. Co.
 Cal. Building Ma-
 terial Co.
 Standard Crushed
 Rock Co.
 Stone Co., E. B. &
 A. L.
**Hardwood Deal-
 ers.**
 Inland Floor Co.
 Hardwood Inter-
 floor Co.
 Wood Lumber Co.,
 C. K.
**Bakers, Bldrs. & Hamil-
 ton.**
 Bennett Bros.
 Brittain & Co.,

Joost Bros.
 Marshall - Newell
 Supply Co.
 Meyer, Adolph
 Norman & Sons,
 F. G.
 Palace Hdware Co.
 S. F. Hdware Co.
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Hay & Grain.
 Anglinger, E.
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 ilating.**
 Ahlback & Mayer
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 Ventilating Co.
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 Lawson, Herman
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 Snook & Co.,
 Fred W.
 Turner Co., The
**Houses Movers &
 Raisers.**
 Hatch, H. L.
 Treasold, A. H.
 Stratton, C. C.
 Sullivan, D. J. & T.
Inland Floors.
 Calif. Parquet
 Floor Co.
 Hardwood Inter-
 floor Co.
 Inland Floor Co.
 Pac. Floor Sand-
 ing Co.
Iron Foundry.
 Enterprise Found-
 ry Co.
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 Stove & Found-
 ry Co.
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 ton
 Dawson & Noyes
 Judson Mfg. Co.
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 Art Metal Works
 Brode Iron Wks.
 Dyer Bros.
 Eureka Wire &
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 Folsom St. Iron
 Works.
 Glasser & Kloeres
 Golden Gate Iron
 Works
 Hillard Co., C. J.
 Michel & Pfeffer
 Monarch Iron
 Works
 North Star Iron
 Works
 Ralston Iron
 Works
 S. F. Iron Works
 Sartorius Co.
 Schraeder's Iron
 Works
 Secord Iron Wks
 Steiger & Kerr
 Stove & Found-
 ry Co.
 Vulcan Iron Wks.
 West Coast Wire
 & Iron Works
 Western Iron
 Works
 Zenith Iron Wks.
**Joist Hangers &
 Pole Caps.**
 Kortick & Falls
 Mfg. Co.
 Lilley & Thurston
 Co.
 Roman Co., C.
 Waterhouse &
 Price Co.
 Western Bldrs.
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**Bathers, Wood &
 Metal.**
 Edwards, C. H.
 Haydon, Fred.
 Lynch, Richard
 McAbee, E. T.
 Raymond, Wm. H.
 Ward, J. E.
Lime & Plaster.
 Deniers.
 Aden Plaster Co.
 Cal. Lime & Hy-
 draulic Co.
 Cowell Lime &
 Cement Co.
 Guerin & Co., J. S.
 Holland, J. P.
 Lennon Co., J. E.
 Pacific Portland
 Cement Co.

Quality Line prod-
 ucts Co.
**Western Lime &
 Cement Co.**
Lumber Dealers.
 Acme Lumber Co.
 Christenson Lum-
 ber Co.
 Columbia Lumber
 Co.
 Doe Co., Frank P.
 Hart-Wood Lum-
 ber Co.
 Hauptman Lum-
 ber Co.
 Kruse Co., J. H.
 Rooper Lumber Co.
 Higgins Lumber
 Co., J. E.
 Loop Lumber Co.
 MacDonald Lum-
 ber Co.
 Moore Mill and
 Lumber Co.
 Olson - Mahony
 Co.
 Lumber Co.
 Pope & Talbot
 Reinhart Mill &
 Lumber Co.
 Ryan, George
 Santa Clara Val-
 ley Mill & Lum-
 ber Co.
 Santa Fe Lumber
 Co.
 S. F. Lumber Co.
 Schouten & Co., J.
 W.
 Van Arsdale-Har-
 ris Lumber Co.
 Wilson Bros. & Co.
 Wall, Jos. P.
 Wood Lumber Co.,
 E. K.
 Yates, Wm. F.
**Magnesian Floor-
 ing.**
 Artolith Mfg. Co.
 Bender R. & P.
 Co.
 Dwan & Co., J. E.
 Fibrestone &
 Roofing Co.
 Flannery R. & P. Co.
 R. H.
 Goodmansan, A. K.
 Malott & Peter-
 son
 Tiernan & Bero-
 no
 Watsonite Co.
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 Ornates.**
 Ginsberg Bros.
 Hulse Tile Co.
 Kirwan & Dono-
 van
 Mangrum & Otter
 Peerless Agencies
 Co.
 Timmons, J. W.
 Watson Mantel &
 Tile Co.
**Marble and Mosaic
 Work.**
 Cneco, C. H.
 Grass & Co., P.
 Mission Concrete
 & Mosaic Wks
 Mission Marble
 Works
 Musto Sons-Keen-
 nan Co.
 New Era Marble
 & Concrete Co.
 Vermont Marble
 Co.
Metal Lath.
 Atlantic Fire-
 proofing Co.
 Berger Mfg. Co.
 Lilley & Thurston
 Co.
 Rebuilding Constr.
 Co.
 Waterhouse &
 Price
 Western Builders'
 Supply Co.
Metal Stamping.
 S. F. Metal Stamp-
 ing & Co.
Oil and Greases.
 Standard Oil Co.
**Ornamental Plac-
 tering.**
 Rinner, Theodore
 Larson, O. F.
 Lipp & Co., J. P.
**Painters and Dec-
 orators.**
 Baker Co., W. T.
 Bernstein, Wm
 Blum Lath
 Burns Bros.
 Clark & Dickson
 Cooksey &
 Cramer Bros.

Dahl, T. H.
 Donovan, V. J.
 Erickson, Wm. J.
 Flynn & Mikkel-
 sen.
 Hansen, Elbing A
 Jourdain, Al.
 Lewis, J. J.
 Miller, L.
 Miller, J. A.
 McCubbin, James
 Manning, John
 Neal, L. J.
 Quandt & Son
 Ruderman, I.
 Schaffer, Wm.
 Kierman & O'Brien
 Kirschbaum, W. F.
 Lacey Bros.
 Lawson, Herman
 Lettich Bros.
 Spark & Sons,
 John H.
 Swanson, Peter
 The Globe Paint-
 ers
 Walker, Mayer
 Wagner, Fred
 Wagner Bros.
 Zelinsky, R.
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 nishes, Etc.**
 Clark & Dickson
 Cohn & Co., Mar-
 ion D.
 Desoit Graphite
 Co.
 Fuller Co., W. P.
 O'Brien, J. S.
 Paraffine Paint Co.
 Pratt & Lambert
 Whitler - Coburn
 Co.
Patent Chimneys
 Clawson Co. L. H.
 Dresser - McDon-
 Hughes, H. J.
 Dunlevy & Geth-
 e
Pile Driving.
 Lamburth, C. E.
Planing Mills.
 Anderson Bros.
 Birch Co., L. H.
 Builders' Supply
 Depot
 Cal. Door Co.
 Cal. Planing Mill.
 Empire Planing
 Mill
 Hermann, A.
 Herring's Mill
 Holden - Deuprey
 Co.
 Lorden Mill Co.,
 J. P.
 Moore St. Planing
 Mill
 Moore Mill & Lum-
 ber Co.
 Pac. Coast Mill &
 Lumber Co.
 Prensas Planing
 Mill
 Reinhart Lumber
 & Planing Mill
 San Mateo Plan-
 ing Mill
 Santa Clara Val-
 ley Mill & Lum-
 ber Co.
 Spencer St. Plan-
 ing Mill
 Taylor & Co.
 Usuna Mfg. Co.
 Western Planing
 Mill
 Veyhle & Collins
 Yates, Wm. F.
Plasterers.
 Bosch, Herman
 Bradley & O'Reilly
 Brennan, James
 Burr, Chas. J.
 Campbell, Chas.
 Cashman, M. J.
 Chalmers, H. A.
 (Inc.)
 Glosser G. W.
 Glosser & Kaiser
 Cline, T. J.
 Fay, John
 Greenback, Joe
 Connel Co., J. E.
 Daly, J. H.
 Duthie, Chas.
 Fraser, Simon
 Fray, A.
 Gilmoir, W. G.
 Jacobson, N.
 Knowles, A.
 Leach, Kaiser
 MacGruber & Co.
 Mowat Donald
 A. L.
 Phillips, J. J.
 Sexton, T. D.
 Terranova, M. J.
 The Pacific Plas-

tering Co.
 Wagner, James A.
**Plumbing and Gas
 Fitting.**
 Ahlback & Mayer
 Alton, Thon. W.
 Boscus Bros.
 Bernard, Geo. F.
 Connor & Band
 Connor, B. J.
 Empire Plumbing
 Co.
 Goss, Wm. P.
 Grundy, Edward
 Houston, J. J.
 Kara, F. E.
 Kierman & O'Brien
 Kirschbaum, W. F.
 Lacey Bros.
 Lawson, Herman
 Lettich Bros.
 Plumbing
 Co., M.
 Looney Co., M.
 May, Gus
 McNeill
 McLeod, J. J.
 Penkerton, J. H.
 Perazzi, H. J.
 Skelly, Thomas
 Sears, John
 Snook & Co.,
 Fred W.
 Stewart, James E.
 Tippitt, J.
 Turner Co., The
 Wetzel, Theo.
Plumbers Supplies
 Mark-Lally Co.
 Nelson Mfg. Co.
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 Freight & Pas-
 senger.**
 Kent, James B.
Railway Materials
 Langford, Felts &
 Myers.
 Orenstein - Ar-
 thur Koppel Co.
Real Estate.
 Ludwig, J. C.
Roofing.
 Lamburth, C. E.
 Markley, James E.
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 Felt.**
 Andes Roofing Co.,
 B. F.
 Bender Roofing &
 Felt Co.
 Cal. Roofing Co.
 Cantley & Co., J.
 Enterprise Roof-
 ing Co.
 Felt, Stone &
 Roofing Co.
 Flaherty, R. H.
 Goodman, A. K.
 Larkin Asphalt
 Co.
 Lawson Roofing
 Co.
 Lovett Bros.
 Malott, Peterson
 & Adams
 Parry & Co., H. M.
 Raphael Roofing
 Co.
 Samuel Co., H. D.
 Tibbets Roofing
 Co.
 Western Asbestos
 & Magnesite Co.
 Western Felt and
 Refining Co.
**Roofing (Slate &
 Tile).**
 Graham, R. G.
 White, Ed. A.
Roofing Materials.
 John A. Manville
 Co., H. W.
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 Waterhouse &
 Price
 Western Asbestos
 Magnesite Co.
 Western Builders'
 Supply Co.
 Whittier - Coburn
 Co.
Sand, Gravel, Etc.
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 Cal. Building Ma-
 terial Co.
 Holland, J. P.
 McMullin Bros.
 Stone Co., E. B. &
 A. L.
 Western Building
 terial Co.
 Western Development
 Syndicate.

**Sanitary Garbage
 Chutes.**
 Bill & Jacobsen
Sand Blasting.
 McDermott, W.
Sheet Metal Wks.
 Appman Cornice
 Works
**Atlas Heating &
 Ventilating Wks**
 Barth Cornice
 Works
Cap Sheet
 Metal Works
 Conyns & Nygren
 Crown Cornice
 Works
 Forde Cornice
 Works
 G. & M. Sheet
 Metal Works
 Guilfoyle Cornice
 Hibernia Sheet
 Metal Works
 Helper Sheet
 Metal Works
 Hughes, H. J.
 Hurabelle Bros.
 Ideal Cornice Wks
 Korell & Co., J. A.
 Modern Sheet Met-
 al Works
 Morrison & Co.
 S. F. Metal Stam-
 ing & Corr. Co.
 United H. Metal
 Products Co.
 Western Furnace
 & Cornice Co.
Sidewalk Lights.
 Berger Mfg. Co.
 Dwan & Co., J. E.
 McGulgan & Co.,
 J. John
 Phoenix Sidewalk
 Light Co.
 Waterhouse &
 Price
Slair Builders.
 Bishop & Peraino
 Boller, John
 Jacobson, J.
 Johnson, C. Wm.
 Long, E. W.
 Porter, W. F.
 Stewart, J. K.
Stationery.
 Foster & Short
 Wright, J. H.
Steel Bars.
 Baker & Hamil-
 ton
 Dawson & Noyes
 Woods & Hud-
 son
Steel Erector.
 Williams Con-
 struction Co.
**Stenography and
 Typewriting.**
 Watson, Elliott
Store Fronts.
 Kawner Mfg. Co.
 Waterhouse &
 Price
 Western Builders'
 Supply Co.
**Structural Steel
 Contractors.**
 Judson Mfg. Co.
 Schraeder's Iron
 Works
 Western Iron Sup-
 ply Co.
 Woods & Huddart
Steel Contractor.
 Connihan & El-
 liott.
Stoves.
 Mangrum & Otter
 Steiger & Kerr
**Structural Steel
 Contractors.**
 Brode Iron Wks.
 Dyer Bros.
 Golden Gate Iron
 Works
 S. F. Francisco
 Iron Works
 Ralston Iron Wks
 Schaner, Fred C.
 Vulcan Iron Wks.
 Zenith Iron Wks.

Surveyors.
Morser, E. V.
Sanborn & Corin-
son
**Tenning & Grad-
ing.**
Brantik, J. P.
Bulton, L. V.
Devencenzi & Co.,
L.
Dillon Teaming
Co.
Gallen & Carlin
Hartnett, J. D.
Holland, J. P.
Lennon, C. J. E.
Leffler, Fred

Lugen, Ernest
McGlinchey &
Monahan
Monaghan Co., P.
O'Day Co., D.
Powers, Chas. J.
Sibley Teaming &
Grading Co.
Schmid, A.
Star Contracting
Co.
Wright Co., J. H.
Tiling.
Ginsberg Bros.
Ginsberg & Co., S.
Hulse Tile Co.
Kilwan & Dor-
van
Mangrum & Ott*

Peerless Agency
Co.
Thom-
W
Wheeler, Martin
Vacuum Co.
Bill & Jacobson
Sherman, Kimball
Co.
Wail Heds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works.

Whitewashing
Brickley, P. J.
Reigel & Jamieson
Taylor, L. A.
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American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Peacock, John
Van Sant-Hough-
ton Co.
Glass and Glazing
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cohbedick Glass
Co., L. N.
Fuller, W. P. &
Co.
Habenicht & Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)
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ing.**
Church, D. O., Co.
Dillon, D.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLennan, S. R.

S. F. Lime Co.
Raymond, W. H.
Curling, Granite,
McLennan, S. B.
Door Openers.
Rischmuller, Geo.
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Central Electric
Co.
City Electric Co.
Decker Electric Co
Globe Elec. Co.
Hanbridge, W. S.
Levy Elec. Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Van Emom Eleva-
tor Co.
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S. F. Fibre & Cord
age Co.
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Nicks, L. A.
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Taiston Iron Wks
Heller
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Heller
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ing Co.
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ualty Co.
Pacific Surety Co.
United States
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Pottery Co.
Carquinez Brick &
Pottery Co.

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Peterson - Karts-
choke Brick Co.
Remillard Bk. Co.
Sacramento
Trans. Co.
San Fran. Bk. Co.
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Pottery Wks.
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Oakland Paving
Brick Co.
Building Material.
California Build-
ing Material
City Supply Co.
Kortick - Falls
Mfg Co.
Holland, J. P.
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Johns-Manville Co.
Levy & Co., Robt.
S.
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Co.
Pacific Rerhing &
Roofing Co.
Parrott & Co.
Paraffine Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co.
Waterhouse &
Price Co.
Western Bldrs
Supply Co.
Western Building
Material Co.
Fernald Co., The
Building Paper
Boyd & Moore
Lilley & Thurston
Co.
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Balfour, Guthrie
Co.
Cowell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. J.
Maynard, Jr., L. A.
Pacific
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
relson Co.
Foster & Vogt
Goodman Artifi-
cial Stone Co.
Hauu, C. W.
Keatinge & Sons, R.
Leonard, J. J.
Leonard, J. P.
Lynch, A.
Pasqualetti, J.
Stanquist & Tay-
lor
Stanzel & Forbes
Zimmerman, L. M.
**Concrete Reia-
forcement.**
Lilley & Thurston
Co.
**Contractors &
Builders.**
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Anderson, W. W.
Arthur, L.
Bateman, J. C.
Berling, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Burdick, Wm. A.
Caldwell & Co.
Cameron & Dis-
son.
Cavanaugh & Ve-
zina
Chisholm, R. A.
Cobby, J. W.
Connannon, W. N.
Conroy, H.
Cregghino & Son.
Lewis
Days' Sons, T. H.
Dewar, E. & Son.
Elam, Thos. & Son
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Fahy, R.
Fischer, Fred.
Franz, Val.
Frost, T. P.
Gillespie, G. G.
Gallagher, Frank
Gardner, Robert.
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Hansbrough Bros
Healey - Tibbitts
Hinson, L. A.
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Holt & Son
Hawkins, A.
Hott Bros.
Ingerson, C. A.
Jacks, H.
Jones, W. G.

Kent, S. H.
Knowles & Rich-
ley.
Lang & Bergstrom
Leiter, E. T. &
Sons.
Lynch, P. J.
Masow & Morrison.
Mathews Con. Co.
Mathies, H. C.
McBain, J. J.
McKillican, R and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, B. T.
Penny, Isaac.
McLeran & Peter-
son.
Robertson, J. M.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
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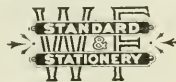
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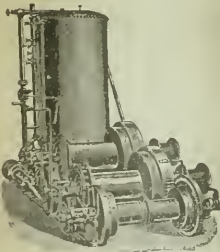
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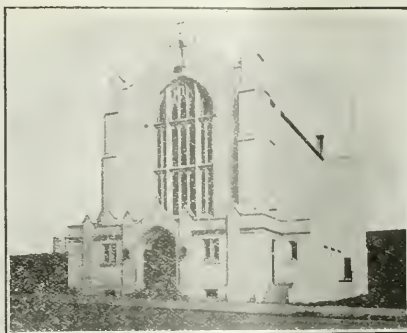
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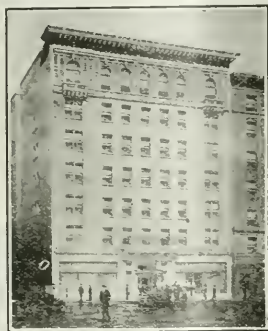
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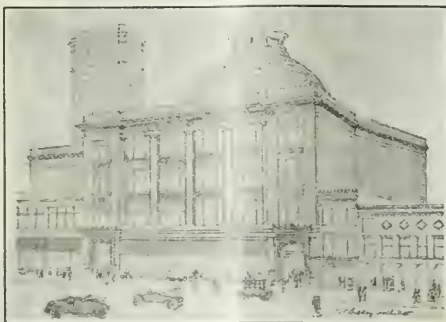
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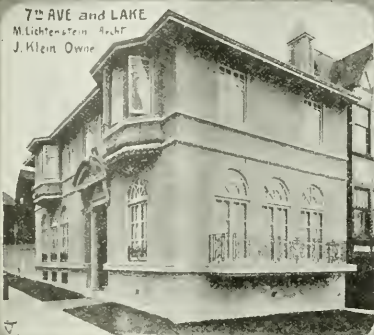
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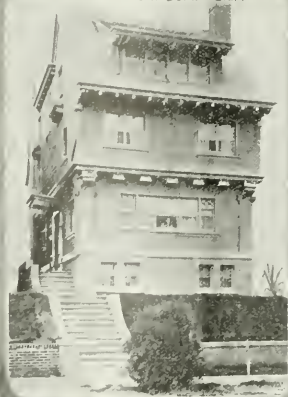
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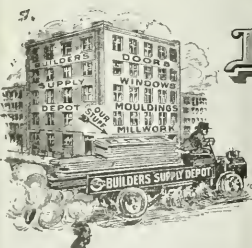
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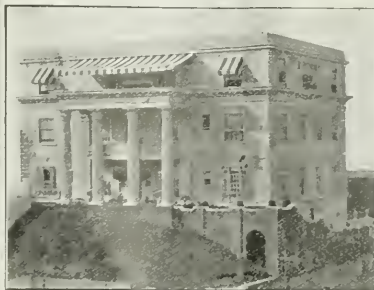
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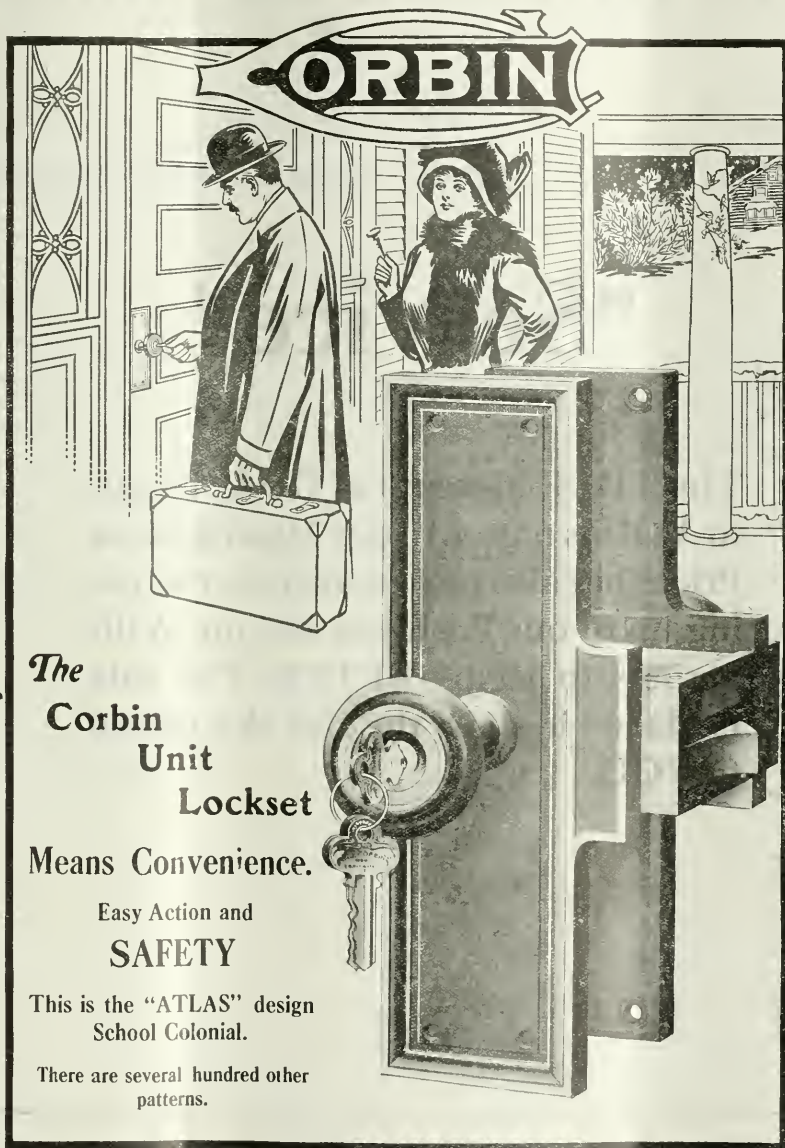
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Editorial Comment.

Spain has accepted the invitation to exhibit at the World's Fair in 1915. As a matter of sentiment it is eminently proper that such an exhibit should be made. Although the Andalusian government has fallen from the high estate it occupied four hundred years ago when Balboa discovered the Pacific Ocean, yet it has left its name and impress upon the continent of America and especially upon the South and Central American sections. California itself will always bear the imprint of the colonization and language of Spain. Here are Andalusian skies and an Andalusian climate. Here are the traditions of old Spain. And it was the caravels of Columbus under the flag of Spain that first sought the way by water to the western world.

So that now the western passage to Cathay has at last been found and the nations of the world are to meet in commemoration of the event, it is eminently fit that the nation first to blaze the way should be represented.

"Drink no water with your meals," one self styled "dietetic expert" advises. "Eat only the whole wheat and shun white bread," says another. And so on, and so on, and so on.

This flood of fake advice from unskilled men who are simply trying to make a living by exploiting the public has caused the investigation by the Department of Agriculture. The conclusions are eminently sane. The best diet for the ordinary person is wholesome ordinary fare.

Persons with indigestion, of course, should go to the best doctor they can find, and follow his instructions. But the normal human animal can eat about what he likes—in moderation—and thrive on it.

The report of the Interstate Commerce Commission shows that during the months of October, November, December, 1912, 260 people were killed and 4,334 were injured in train accidents. Casualties of all classes amounted to 2,967 killed and 61,322 injured. The total number of collisions and derailments for this quarter compared with those for corresponding quarters of the four previous years show that with the exception of 1911, the number has increased, there being for the current quarter an increase of 48.8 per cent over the corresponding quarter of 1908.

The Commissioners of Patents has filed his report to Congress in which is published many facts and statistics relative to the progress of inventions. The report covers the year ending December 31, 1912, and among other things shows the receipts of the Office

from all sources to have been \$2,118,158.30, and the expenditures \$2,022,066.11, leaving a surplus of \$96,092.19 and the amount of the total net surplus, being earnings of the Patent Office, deposited in the Treasury of the United States, to be \$7,160,017.95.

In proportion to population more patents were issued to citizens of Connecticut than to those of any other State—one to every 1,150. Next in order are the following: District of Columbia, one to every 1,229; California, one to every 1,434; New Jersey, one to every 1,508; Massachusetts, one to every 1,509; Illinois, one to every 1,639; Colorado, one to every 1,711; New York, one to every 1,786, while South Carolina is last in the list of States with one patent issued during the year to every 18,040.

It is interesting to note that California is third in the list of patents granted in proportion to population. Here where there is such a wide range of activity and wide opportunity compared to the Eastern States, the fact that California is beaten by only two states, and those Connecticut and the District of Columbia, it goes to show that the people of this state are progressive and abreast of the times. All things considered the state can be said to be at the head of any state in the Union in proportion to population of any state that has diversified and agricultural resources.

Among many statistical facts the report also includes some statistical tables covering a comparison of the business of the Patent Office from 1837 to 1912; the first patent and the number of patents issued in each year; the number of patents issued by the United States and foreign countries from the earliest period to December 31st, 1912, and an interesting comparison between the receipts, expenditures and volume of business done in the years ended December 31st, 1899, and December 31st, 1912, which shows the percentage of increase is greatest in every item except the number of employees, indicating an increase in receipts and in mass of work without a proportionate increase, but rather with a proportionate decrease in the number of employees of the Office.

Altogether it is an interesting publication as are all facts that show the progress of invention and the wonderful advances that have been made in this mechanical age.

An Experimental Study of Ventilation Problems will be carried on for the next four years by a commission having at its disposal a fund of \$50,000, which is part of a gift made by Mrs. Elizabeth Milbank Anderson to the Association for Improving the Condition of the Poor. The chairman of the Commission is Dr. Charles Edward A. Winslow of New York.

STYLE IN AMERICAN ARCHITECTURE.

An Address by Ralph Adam Cram.

This paper is based upon an address before the Contemporary Club of Philadelphia, reprinted through courtesy of the Yale Review, July, 1913.

The various followings in architecture today are so many and so manifest that he who runs may read, and parenthetically, he who reads very certainly often runs—from some of the strange aberrations that beset his path. I am minded therefore, in writing under the above title, to say less about style and styles and half a style, than of the impulse—or the impulses, for they are legion—behind them, and of the goal to which in devious ways they are all tending.

There is nothing accidental in our stylistic development or in the universe, for that matter. There was once a very wise man who, on speaking of a miracle to a friend, and being confronted by the assertion that the event was not that but rather a coincidence, devoutly said that he thanked God he was not so superstitious as to believe in coincidences. So chaotic and illogical as our devious wanderings under the strange gods of style may be, there are grounds for thinking that even here we may find evidences of design, of a Providence that overrules all things for good; "an idea," as Chesterton would say, not without humor.

For chaos is the only word that one can justly apply to the quaint and inconsequent conceits in which we have indulged since that monumental moment in the early nineteenth century when, architecturally, all that had been since the beginning ceased, and that which had never been before on land or sea began. A walk up Fifth avenue from Madison Square to the Park, with one's eyes open, is an experience of some surprise, and equal illumination; and it leaves an indelible impression of that primal chaos that is certainly without form, if it is not wholly void. Here one may see in a scant two miles (count, but how replete with experiences!), a treasure-trove of all peoples and all generations: Roman temples and Parisian shops; Gothic of sorts (and out of sorts), from the "Carpenter-Gothic" of 1815, through Victorian of that ilk, to the most modern and competent re-creating of ancient forms and restored ideals; Venetian palaces, and Louis Selze palaces, and Roman palaces, and more palaces from wherever palaces were ever built; delicate little Georgian ghosts, shrinking in their unpremeditated contact with Babylonian skyscrapers that poise their towering masses of plain tile masonry on an unconvincing sub-structure of plate glass. And it is all contemporary—the oldest of it dates back not two generations; while it is all wildly and improbably different.

The experience prompts retropection, and we turn over the dog-eared leaves of the immediate past. Apparently it was the same, only less so, back to

the decade between 1820 and 1830, and there we find a reasonably firm foothold. Here at last, at the beginning of the century, we discover actual unanimity, and with some relief we go back century after century, tracing variations, but discovering no precedent for the chaos we have left. From time to time, even to the first Olympiad, we suddenly find ourselves at some brief period where a light is manifestly going on, but there were never more than two parts to the contest, and this once passed, we have another four or five centuries of peaceful and unified development. Our own Colonial merges without a shock in English Georgian; this, through Inigo Jones, in the Renaissance of the Continent. A generation of warfare lands us in Flamboyant Gothic, and so to real Gothic, that stretches back through logical vicissitudes to the twelfth century. Another upheaval, and in a moment we are with the Romanesque that touches home itself—and behind lies Hellas. No chaos here; definite and lawful development; infinite variety, infinite personality, and a vitality that demands a more illimitable word than "infinite." What happened, then, in 1825, what is happening now, what is going to happen, and why?

We all know what our own Colonial was like; perhaps we do not fully realize how varied it was as between one section and another, but at least we appreciate its simplicity and directness, its honesty, its native refinement and delicacy, its frequent originality. It isn't the same as English Georgian; sometimes it is distinctly better, and, however humble or colloquial, it is marked always by extreme good taste. If anything, it improved during the almost two centuries of Colonial growth, and when the nineteenth century opened it was still instinct with life. A half-century later where were we? Remember 1850, and all that dates connotes of structural dishonesty, stylistic barbarism, and general ugliness! Here is the debatable period, and we may narrow it; for in 1810 and in 1820, good work was still being done, while in 1810, yes in 1830, the sudden savagery diluted with shameless artifice was widely prevalent. To me, this decade between 1820 and 1830 is one of the great moments in architectural history; for then the last flicker of instinctive art amongst men died away, and a new period came in. Such a thing had never happened before: it is true Rome never matched Greece in perfection of art; the Dark Ages after her fall were dark indeed; the second Dark Ages after the death of Charlemagne were equally black; while the transition from Gothic to Renaissance was not without elements of disappointment; but at none of these transitional moments were people absolutely wrong headed, never was the work of their hands so illively disgraceful. Even now we put their poor products in our art museums, where they are not out-faced by the splendid monuments of the great and crescent epochs. In a

word, what happened about 1825 was anomalous: it happened for the first time; and for the first time whatever man tried to do in art was not only wrong, it was absolutely and unescapably bad.

I should like to deal with this matter in detail, but the labor would prolong itself unduly. Briefly, what happened was, it seems to me, this. The Renaissance had struck a wrong note—and in several things besides architecture; for the first time man self-confidently set to work to invent and popularize a new and perfectly artificial style. I am not concerned here with the question whether it was a good style or not, the point is that it was done with malice aforethought; it was invented by a cabal of painters, goldsmiths, scenic artists, and literary men, and railroaded through a stunned society that, busied with other matters, took what was offered it, abandoned its old native ways, and later, when time for thought offered, found it was too late to go back. Outside Italy there was at first a little desire for the new-fangled mode as there was for the doctrinal Reformation outside Germany. In France and England good taste still reigned supreme, and though the dogmatic iconoclasts took good care that the best of the old work should be destroyed, and that suspicion should be cast on what—from sheer exhaustion—they allowed to remain, though for one reason and another the new Classic style came in, the good taste of the people still remained operative, and while Italy and Germany were mired in Rococo and Baroque, they continued building lovely things that were good in spite of their artificial style, because their people had not yet lost their senses or their taste.

It could not last, however; certain essentials had been lost out of life during the Renaissance and the Reformation; the Revolution—third act in the great melodrama—was a foregone conclusion; it completed the working out of the foreordained plot, and after it was over and the curtain had been rung down, whatever had been won, good taste had been lost, and remained only the memory of a thing that had been born with man's civilization and had accompanied it until that time.

Alberti and Palladio and Inigo Jones had dissolved and disappeared in the slim refinements of American Colonial. What followed? For a brief time, and in one or two categories of activity, the spurious and delusive imitations that Jefferson ore or less popularized, the style sometimes known as neo-Grec, but more accurately termed—because of its wide use for Protestant meeting-houses in country districts—the Greco-Baptist style. It cannot be mistaken, front porticoes of well-designed, four-foot classical columns made of seven-eighths inch pine stock neatly nailed together, painted white, and echoing like a drum to the incautious kick of the heel; slat shades covered with clapboards, green blinds

to the round-topped windows, and a little bit of a brick chimney sticking up at the stern where once, in happier days, stood the little cot that housed the Sanctus bell.

Then came what is well called Carpenter-Gothic, marked by the same high indifference to structural integrity, and with even less reliance on precedent for its architectural forms; a perfectly awful farrago of libelous details—pointed arches, clustered columns, buttresses, parapets, pinnacles—and all of the ever present pine lumber painted gray, and usually sandered as a final refinement of verisimilitude. And with these wonderful monuments, cheek by jowl, Italian villas, very white and much balconied. Swiss chalets, and every other imaginable thing that the immortal Batty Langley, or later the admirable Mr Downing could invent, with, for evidence of sterling American ingenuity, the "jig-saw-and-batten" refinement of crime. We really could not be expected to stand all this, and when the Centennial finally revealed us as, architecturally speaking, the most savage of nations, we began to look about for means of amendment. We were not strikingly successful, as is evidenced by the so-called "Queen Anne" and "Eastlake" products of the morning after the celebration; but the Ruskinian leaven was working, and a group of men did attempt to produce something that at least had some vestiges of thought behind it. It is generally considered very awful indeed—and so it is, but it was the first sincere an enthusiastic work for generations, and demands a word of recognition. Its vivid ugliness is due to the fact that in the space of seventy-five years the last, faintest flicker of sense of beauty had vanished from the American citizen; its intensity of purpose bears witness to the sincerity of the men who did it, and I for one would give them praise, not blame.

We are approaching—in our review—another era in the development of our architecture; let us gather up the many strands in preparation therefor. Here are the "wild and whirling words" of Hunt, Eldlitz, Furness; here is the grave old Gothic of Upjohn's following, Renwick, Congdon, Haight; admirable, much of it, especially in little country churches; here is the Ruskinian fold, Cummings, Sturgis, Cabot—rather Boston you will note; here is the old Classical tradition that had slipped very, very far from the standards of Thornton, Bulfinch, McComb, now flaring luridly in the appalling forms of Mullet's Government buildings and the Philadelphia City Hall. Let us pursue the subject no further; there are others, but let them be nameless; we have enough to indicate a condition of some complexity and a certain lack of conviction, or even racial unity. Then the event occurred, and its name was H. H. Richardson. The first great genius in American architecture, he rolled like an aesthetic juggernaut over the prostrate bodies of his peers and the public, and in ten years we did have substantial unity. We were like the village fisherman who didn't care what color they painted the old tub, "so as they painted her red"; we didn't care what our architecture was, so long as it was Romanesque. For another ten years we had a love-feast

of cavernous arches, quarry-faced ashlar, cyclopean voussoirs, and seaweed decoration; village schools, railway stations, cottages—all, all were of the sacrosanct style of certain rather barbarous peoples in the south of France at the close of the Dark Ages.

And in another ten years Richardson was dead, and his style, which had followed the course of empire to the prairies and the alkali lands and the lands beyond the Sierras; and a few years ago I found some of it in Japan! It was splendid, and it was compelling, as its discoverer handled it; but it was alien, artificial, an impossible, equally with the bad thing it displaced. But it *did* displace them, and Richardson will be remembered, not as the discoverer of a new style, but as the man who made architecture a living art once more.

Eighteen hundred and ninety, and we start again. Two tendencies are clear and explicit. A new and revived Classic with McKim as its protagonist, and a new Gothic. The first splits up at once into three lines of development: pure Classic, Beaux Arts, and Colonial, each vital, brilliant, and beautiful in varying degrees. The second was, and remains, more or less one, a taking over of the late Gothic of England and prolonging it into new fields, sometimes into new beauties. So matters ran on for another ten years; at the end of that time the pure Classic has won new laurels for its clean and scholarly beauty, the Beaux Arts following has abandoned most of its banality of French bad taste and has become better than the best contemporary work in France, while the neo-Colonial has developed into a living thing of exquisite charm. I feel too near the Gothic development to speak of it without prejudice, but its advance has been no less than that of its Classical rival—or should I say, hedfellow?

And now two new elements enter: steel-frame construction on the one hand, and on the other the Secessionist. The steel-frame is the *enfant terrible* of architecture, but like so many of the genius it may grow up to be a serious-minded citizen and a good father. It isn't that now, it is a menace, not only to architecture, but to society; but it is young and it is having its fling. If we can make it realize that it is a new force, not a substitute, we shall do well. When it contents itself in its own sphere, and the municipality says kindly and firmly, "thus far and no further"—the "thus far" being about one hundred and twenty-five feet above street level, as in the very wise town of Boston—then it may be a good servant. Like all good servants it makes the worst possible master; and when it claims as its chiefest virtue that it enables us to reproduce the Baths of Caracalla, vaults and all, at half the price, or build a second Chartres Cathedral with no danger from thrusting arches, and with flying buttresses that may be content beautifully to exist, since they will have no other work to do, then it is time to call a halt.

The Secessionist—one might sometimes call him Post-Impressionist, Cubist even—is the latest element to be introduced, and in some ways he is the most interesting. Unlike his confreres in Germany, Spain, and Scan-

dinavia, he shows himself little except in minor domestic work—for at heart we are a conservative race, whatever individuals may be—but here he is stimulating. His habitat seems to be Chicago and the Pacific Coast; his governing conviction a strongly developed enmity to archaeological forms of any kind. Some of the little houses of the Middle West are striking, quite novel, and inordinately clever; some of the work on the Pacific Coast, particularly around Pasadena, is exquisite, no less. Personally, I don't believe it is possible wholly to sever oneself from the past, its forms and expression; and it certainly would be undesirable; on the other hand, the astute archaeology of some of our best modern work, Whether Classic or Gothic, is stupefying and leads nowhere. Out of the interplay of these two tendencies much of value may arise.

And there you are: three kinds of Classic, two kinds of Gothic, skeleton-frame, and Secessionist—all are operative today, each, one admits, consummately clever and improving every day; for there is no architectural retrogression in America, there is steady and startling advance, not only in facility for handling and developing styles, but in that far more important affair, recognition of the fact that styles matter far less than style. From a purely professional standpoint the most encouraging thing is the breadth of culture, the philosophical insight into the essence of things, the liberality of judgment that mark so many of the architectural profession today. Gone are the old days of the "Battle of the Styles"; the swords are beaten into pruning-hooks, and these are being used very efficiently in clearing away the thicket of superstitions and prejudices that for so long choked the struggling flower of sound artistic development. The Goth and the Pagan can now meet safely in street or drawing room without danger of acute disorder; even the structural engineer and the artist preserve the peace (in public); for all have found out that architecture is much bigger than its forms, that the fundamental laws are the same for all good styles, and that the things that count are structural integrity, good taste, restraint, vision, and significance. No one now would claim with the clangor of trumpets that the day of victory was about to dawn for the Beaux Arts, Gothic, or steel-frame styles, or for any other, for that matter; each is contributing something to the mysterious alembic we are brewing; and all we hope is that out of it may come the philosopher's stone, that touching inert matter, shall turn it into refined gold—which by the way is the proper function of architecture and of all the arts.

Chaos then confronts us, in that there is no single architectural following, but legion; and in that fact lies the honor of our art, for neither is society one, or ever at one with itself. This is one of those great five-hundred year periods of rolling activity, one of those nodes that periodically divide the vast vibrations of history, when all things are in a flux, when all that has been for four centuries is plunging downward in disintegration, while all that shall be for another equal period is surging up-

wards towards its culmination. Architecture is nothing unless it is intimately expressive, and if utterly different things clamor for voicing, different also must be their architectural manifestation. You can't build a Roman Catholic or Episcopal church in the *Beaux Arts* vernacular (it has been done, but it is extremely silly) because the Church is the eternal and fundamentally immutable thing in the world of change and novelty and experiment; and it has to express this quality through the connotation of the forms it developed through a thousand years to voice the fullness of its genius that was developing simultaneously. Neither can you use the steel-frame or reinforced concrete to the same ends, though this very sordid wickedness has also been perpetrated. I have grounds for believing. On the other hand, think of using the consummate art of the Chartres Cathedral for a railway terminal, or the Sainte Chapelle for a stock exchange, or Haddon Hall for an Atlantic City hotel, or the Ducal Palace in Venice for a department store, or the Erechtheum for a fire engine house. The case has merely to be stated to be given leave to withdraw, and with it goes, for the time, the talk we once heard of an "American Style." Styles come from unity of impulse; styles come from a just and universal estimate of comparative values; styles come where there is the all-developing influence and the vivid stimulus of a clear and explicit and compelling religious faith; and these occur, not at the moment of wild confusion when one epoch of five centuries is yielding to another, but after the change in dynasty has been effected, and the new era begins its ascending course. The only premeditated architecture I know, the only style that was deliberately devised and worked out according to preconceived ideas, the style of the Renaissance, was yet not half so artificial as it looks (and as some of us would like to think), for in a sense it was inevitable, granting the postulates of the humanists and the flimsy dogmas of the materialists of the sixteenth century. It did not develop insensibly and instinctively like Hellenic and Byzantine and Gothic and Chinese Buddhist art—the really great arts in history—but once the great parabola of mediæval civilization curved downward to its end, once Constantinople fell, something of the sort was not to be escaped.

Now I do not feel that we shall be content with an art of the scope of that of the Renaissance; I do not feel that we shall be content with a new epoch of civilization on Renaissance lines. There are better ways of life, and sooner, I believe all the wonderful new forces now working hiddenly, or revealing themselves sporadically, will assemble to a new synthesis that will give issue in a great epoch of civilization as unified as ours is disunited, as centrifugal as ours is centrifugal, as spiritually efficient as ours is materially efficient; and that then will come, and come naturally and insensibly, the inevitable art that will be glorious and great, because it shows forth a rational character, a rational life that is also great and glorious.

Reduced to its simplest terms, Amer-

ican architecture is seen to have had two epochs. First, the attempted conservation of a definite style (which, whatever its genesis, had become an essential part of our racial character), and its complete disappearance exactly at the time when the serious and conservative nature of the people of the United States gave place, with almost equal suddenness, to a new quality born partly of political independence, partly of new and stimulating natural conditions, partly of the backwardness from Continental revolution, and above all of the swift working out, at last, of powers latent in the Renaissance-Reformation itself. Second, the confused activities of many men of many minds, who had cut loose from tradition become moribund. Communal interests, the sense of solidarity, inherited from the Middle Ages and persisting in strange new forms even though the Renaissance epoch itself, had yielded to a crescent individualism, and architecture, like good art, followed close to heel.

This is really all there is to our architectural history, and I have used many words in saying what might have been expressed in a sentence. What lies before us? More pigeon-holes, more personal followings, more individualism, with anarchy at the end? I do not think so, but rather exactly the reverse. Architecture is always expressive; sometimes it reveals metaphysical and biological truth, when in itself there is no truth whatever. If we built Independence Hall in Philadelphia, there was something in us of the same nature, and we glory in the fact. If we built the City Hall in the same town, there was something in us like that, arresting as the thought must be. If we are doing three Classics, and two Gothics, and steel-frame, and Post-Impressionism (not to mention others) at the present moment, then that is because our nature is the same. Now, can we again prove the truth of the saying, "Ex pede Herculem," and, using our present output as the foot stone admits the connotation is of the centipede, create the Hercules? I mean, can we, from what we are doing today, predict anything of the future? Not of our future style—that will be what our society makes it; but of society itself. For my own part I think we can; for all that we are doing in architecture indicates the accuracy of the deduction we draw from myriad other manifestations, namely, that we are at the end of an epoch of materialism, rationalism, and intellectualism, and at the beginning of a wonderful new epoch, when once more we shall achieve a just estimate of comparative values, when material achievement becomes the slave again, and no longer the slave driver, when spiritual intuition drives mere intellect back into its proper and very circumscribed sphere, and when religion, at the same time dogmatic, sacramental, and mystic, becomes, in the ancient and sounding phrase, "One, Holy, Catholic, and Apostolic," and assumes again its rightful place as the supreme element in life and action, the golden chain on which are strung, and by which are bound together, the varied jewels of action.

Everywhere, and at the very moment when our material activity and

our material triumphs seem to threaten the high stars, appear the evidences that this wonderful thing is coming to pass, and architecture adds its medium of proof. What else does it mean that on every hand men now demand in art better things than ever before, and get them, from an increasing number of men, whether they are Pagans, Goths, or Vandals? What is the meaning of the return to Gothic, not only in form, but "in spirit and in truth"? Is it that we are pleased with these forms and wearied of others? Not at all. It is simply this, that the Renaissance - Reformation - Revolution having run its course, and its epoch having reached its appointed term, we go back, deliberately or instinctively, as life goes back, as history goes back, to restore something of the antecedent epoch, to win back something we have lost, to return to the work in the roads, to gain again the old lamps we credulously bartered for new. Men laugh—or did, they have given it over of late—at what they call the reactionary nature and the affectation of the Gothic restoration of the moment, and they would be dight if it meant what they think it means. Its significance is higher than their estimate, higher than the conscious impulses of those who are furthering the work; for back of it all lies the fact that we need today in our society, in the State, in the Church, is precisely what we abandoned when, as one man, we arose to the cry of the leaders and abettors of the Renaissance. We lost much, but we gained much; now the time has come for us to conserve all that we gained of good, slough off the rest, and then gather up again the priceless heritage of mediævalism, so long disregarded to our pain and loss.

Shall we rest there? Shall we restore a style, and a way of life, and a mode of thought? Shall we re-create on amorphous mediævalism and live lifelessly in that fool's paradise? On the contrary. When a man finds himself confronting a narrow stream, with no bridge in sight, does he leap convulsively on the very brink and then project himself into space? If he does he is very apt to fall of his immediate object—which is to get across. No; he retraces his steps, gains his running start, and clears the obstacle at a bound. This is what we architects are doing when we fall back on the great past for our inspiration; this is what, specifically, the Gothicists are particularly doing. We are getting our running start, we are retracing our steps to the great Christian Middle Ages, not that there we may remain, but that we may achieve an adequate point of departure; what follow must take care of itself.

And in following this course we are not alone; we have life with us; for at last life also is going backward, back to gather up the golden apples lost in the wild race for prizes of another sort, back for its running start, that it may clear the crevasse that startlingly has opened before it. Beyond this chasm lies a new field, and a fair field, and it is ours if we will.

The night has darkened, but lightened towards dawn; there is silver on the edges of the hills and promise of a new day, not only for architects, but for every man.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$29,000. Architect, none. Owner, E. A. Schmidt. The building will be erected on the east side of Harrison street near 14th, and has been designed to contain 50 rooms, which will be arranged in two and three room suites. All apartments will have wall beds and private bath rooms. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water plant. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He can be found on the site.

OAKLAND, CAL.—Apartment house, 5 story and base. Class C construction, \$70,000. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. Four sets of plans and specifications are available at this office for figuring the following work on the \$70,000 apartment house, which is to be erected from plans by C. W. McCall. Plans may be taken from this office in the order in which application is made. Bids are desired on the following work: Plastering, plumbing, glass and glazing, sheet metal work, painting, electric work, brick and masonry, marble and tile work. Bids must be in the hands of Architect McCall, Central Bank Bldg., Oakland, by Thursday, October 2nd.

LOS ANGELES, CAL.—Apartment house, 4 story and base. Class C construction, \$55,000. Architect, E. R. Hogan, Jr., 1564 West 46th street, L. A. Owner, Ernest C. Hillman. The building will be erected on an inside lot and has been designed to contain a total of 86 rooms besides a large office, lobby, billiard room and amusement rooms. Apartments will be arranged in two and three room suites, all with private baths and wall beds. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have tile wainscot and cement floors. Exterior of the building will be faced with glazed pressed brick. Plans are complete and figures will be taken at once.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$30,000. Architect, L. L. Jones, 1 W. Hellman Bldg., L. A. Owner, J. P. Partch. The building will cover an area of 55x115 feet, and has been designed with stores on the first floor and 40 rooms arranged in two and three room suites on the upper floors. Interior finish will be of pine throughout. Plans provide for steam heat. All suites will have private bath rooms and wall beds. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GLENDAL, LOS ANGELES CO., CAL.—Apartment house, 2 story and

base, brick. Cost not stated. Architect, Paul V. Tuttle, Delta Bldg., L. A. Owner, Mattison E. Jones. The building will contain three stores on the first floor and a number of two and three room apartments on the upper floor. Interior finish will be of pine and elm. Some hardwood floors will be used. There will be steam heat and a hot water system. All suites will have wall beds and private bath rooms. Stores will have patent fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are being prepared.

IMPERIAL, IMPERIAL CO., CAL.—Apartment house, 2 story and base, brick and frame. Cost not stated. Architects, Nee & Spencer, Union League Bldg., L. A. Owners, Imperial Valley Syndicate. The building will contain stores on the first floor and a number of two and three room suites on the upper floors. All suites will have wall beds and private bath rooms. Interior finish will be of pine throughout. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$14,000. Architect, Charles J. Rousseau, 46 Kearny St., S. F. Owners, Mr. and Mrs. F. A. Sutherland, Contractor, John C. Kincanon, 1676 Fulton St., S. F. Contract price, \$14,000.

BRIDGES, DAMS AND HARBOR WORK.

REID'S FERRY, SHASTA CO., CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineers, Thomas & Post, Los Angeles. Owners, Shasta County. The Supervisors of Shasta County have tentatively accepted plans and specifications for a steel and concrete highway bridge prepared by Engineers Thomas & Post of Los Angeles. The bridge is to be erected over the Sacramento River at Reid's Ferry, and is one of the connecting links in the State Highway. Plans and specifications were submitted to the State Highway Commission for approval.

CHURCHES.

WALLA WALLA, WASH.—Church, 2 story and base, steel, brick and stone, \$65,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, First Congregational Church. The building will be erected on a corner site and will cover an area of 50x120 feet. The design is in the classic style, with the exterior faced with pressed brick and cut stone. Besides the main auditorium, which will have a seating capacity of 1,000 people, there will be Sunday school rooms, social parlors, a large banquet room and kitchen. Interior finish will be of pine and hardwoods with considerable

ornamental plaster. Plans provide for a central heating system, probably steam heat. Several large art glass windows are to be installed. Working drawings are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Church, steel and brick, \$100,000. Architect, John J. Foley, 46 Kearny St., S. F. Owners, St. Joseph church. The following additional contracts have just been awarded: Plain and ornamental plastering to Herman Bosch at \$13,400, and metal furring and lathing to the Atlantic Fireproofing Co. at \$4,685.

FACTORIES & WAREHOUSES.

MILWAUKEE, ORE.—Factory, 2 story and base, reinforced concrete, \$25,000. Architect, P. Chapell Brown, Mohawk Bldg., Portland. Owners, Beaver State Motor Car Co. The building will cover a considerable ground area and is to be erected on a corner. Construction will be fireproof. Interior of the office portion will be finished in pine. There will be a cement floor and metal window sash and frames. Exterior of the building will be faced with cement plaster. Over \$20,000 will be expended in the purchase of machinery. Plans are now being prepared.

PEARL HARBOR, HAWAII—Cold storage plant, 1 story and base, reinforced concrete, \$10,000. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been completed for the construction of a cold storage and ice making plant which is to be erected at the Naval Station at Pearl Harbor. Bids are now being taken and will be opened in Washington, D. C. on November 1st. Plans can be secured from the Bureau of Yards and Docks or from the Commandant at Pearl Harbor. The sum of \$9,000 is available for construction.

Contracts Awarded.

OAKLAND, CAL.—Warehouse, 2 story and base, brick and steel. Cost not stated. Architects, Oliver Duval & Son, First National Bank Bldg., Oakland. Owner, Mrs. Hattie Lehnhardt. Contractors, Oliver Duval & Son, First National Bank Bldg., Oakland. Contract price not stated.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$11,000. Architects, Welch & Carey, Merchants' National Bank Bldg., S. F. Owner, A. Paladini. The building will be erected on Filbert street near Stockton, and has been designed to contain three large flats and a garage. Interiors will be finished in pine and redwood. Some hardwood floors and elm panels will also be used. There will be a large open fire place in each of the living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Entrances will be finished in marble and terrazzo. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$1,000. Architect, C. O. Clausen Phelan Bldg., S. F. Owner F. Barbarotto. The building will be erected on Brazil near Madrid street,

and will have a frontage of 25 feet and a depth of 55. Plans provide for one store and a flat on the first floor and a flat of six rooms on the upper floor. Interior finish will be of pine throughout. An open fire place with tile mantel will be installed in the upper flat. Bath room and kitchen will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Flats, 2 story and base, frame, \$6,000. Architect, C. G. H. Jordan, 742 Market St., S. F. Owner, N. Andrew, 153 Stuart street, S. F. The building will be erected on Lewiston avenue north of Alcatraz, and will contain two modern flats of five rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms. Exterior of the building will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

GARAGES.

PORTLAND, ORE.—Garage, 2 story and base, reinforced concrete, \$10,000. Architect, George Rea, Portland. Owners, Francis & Kadderly. The building will be erected at the northeast corner of 13th street and Hawthorne, and will cover an area of 95x110 feet. A concrete floor and metal window sash and frames will be used. Interior finish will be of pine. There will be special storage tanks for gasoline. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

GOVERNMENT WORK AND SUPPLIES.

Beneicia Arsenal Storehouse.

The House Committee on Appropriations refused to insert in the urgent deficiency bill an item for a storehouse at Beneicia Arsenal to replace the one destroyed by fire in October of last year. General Crozier has estimated that the building and equipment and connection with existing railroad tracks, which it was proposed to install, would cost \$120,000, a saving of some \$80,000 in the estimate which was originally submitted immediately after the fire. The question arose in the committee as to the character of this item, and it was maintained that it was not, properly speaking, a deficiency, although technically it might be considered so. It was pointed out by General Crozier that it could be considered by the committee on account of its urgency, and there was a precedent for such an appropriation at this time in the item made some years ago in the deficiency bill to replace a storehouse and material, \$2,000,000 in amount, at the Rock Island Arsenal. It was recalled by Chairman Fitzgerald in the Rock Island case the building had been destroyed and the estimate was submitted to be considered in a deficiency bill. In the case of the Beneicia Arsenal building the estimates had been sent in when it could have been considered in connection with the sundry civil bill and

at that time the committee declined to recommend the estimate. The same position was taken on the item when it was presented by General Crozier as an urgent deficiency.

Honolulu, H. T., Quarantine Station.

The contract for the construction of latrine buildings, sewage purification tank, etc., at the U. S. quarantine station, Honolulu, was awarded to W. N. Concanon Co., San Francisco, who will use fixtures manufactured by the following firms: Range closets, wash sinks, and iron urinals, Standard Mfg. Co.; floor trap, L. Wolf Mfg. Co.; shower heads, Wm. Bockel Co.; centrifugal pumps, American Well Works; motors for pumps and agitator, General Electric Co.; flexible joint pipe, American Cast Iron Pipe Co.; Portland Cement, "Standard."

Reclamation Work.

The Secretary of the Interior has authorized the Reclamation Service to execute contract with MacArthur Bros. Co., of New York City, for the construction of the Pishkun reservoir supply canal and tunnels and Sun River slope canal of the Sun River irrigation project, Mont. The work involves the excavation of 2,400,000 cubic yards of material and the construction of 3,215 linear feet of concrete-lined tunnel. The contract price is \$858,615.

Reclamation Service Discharge Pipes.

The following bids were received at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing semi-steel discharge pipes for balanced valves, Arrowrock dam, Boise project, Idaho:

Minneapolis Steel & Machinery Co., Minneapolis, Minn., item 1, \$2,852.54; 2, \$2,940.89; 3, \$3,747.29; 4, \$2,940.89; 5, \$6,446.54; 6, \$492.27.

Nordberg Mfg. Co., Milwaukee, Wis., item 1, \$2,830; 2, \$3,235; 3, \$4,245; 4, \$3,235; 5, \$7,430; 6, \$630.

U. S. Cast Iron Pipe & Foundry Co., San Francisco, Cal., item 1, \$3,142.80; 2, \$3,843.75; 3, \$4,763.40; 4, \$3,843.75; 5, \$8,335.95; 6, \$420.

Queen City Foundry, Denver, Colo., item 1, \$3,364; 2, \$3,650; 3, \$4,127; 4, \$3,686; 5, \$7,748; 6, \$598.

Pittsburgh Valve Foundry Construction Co., Pittsburgh, Pa., item 1, \$3,560; 2, \$3,525; 3, \$4,400; 4, \$3,525; 5, \$7,700; 6, \$435.

Independent Foundry Co., Portland, Ore., item 1, \$3,649; 2, \$3,860; 3, \$4,468; 4, \$3,860; 5, \$7,819; 6, \$606.

Rosedale Foundry & Machine Co., Pittsburgh, Pa., item 1, \$3,750; 2, \$3,840; 3, \$5,070; 4, \$4,960; 5, \$9,080; 6, \$880.

S. Morgan Smith, York, Pa., item 1, \$5,350; 2, \$5,540; 3, \$7,150; 4, \$5,540; 5, \$12,500; 6, \$972.

Power & Mining Machine Co., Cudahy, Wis., item 1, \$4,214; 2, \$4,475; 3, \$5,554; 4, \$4,475; 5, \$9,970; 6, \$491.

Fulton Engine Works, Los Angeles, Cal., item 1, \$5,388; 2, \$5,867; 3, \$7,438; 4, \$5,707; 5, \$12,930; 6, \$871.80.

Puget Sound Extension to Pier.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for the construction of a creosoted pile and timber extension to pier No. 8 at the navy yard, Puget Sound, Wash.

Item 1. Net price for pier extension

complete, in accordance with plans and specifications; item 2, net price to be added to the price named under item No. 1 for each interior bay of 8 ft added to length of pier, assuming outer portion of pier to be moved outward; item 3, net price to be deducted from the price named under item No. 1 for each interior bay of 8 ft deducted from length of pier, assuming outer portion of pier to be moved toward shore.

J. A. McEachern Co., 521 Railway Exchange Building, Seattle, Wash., item 1, \$9,865; 2, \$823; 3, \$823.

Johnson-Oden & Co., 447 Henry Building, Seattle, Wash., item 1, \$9,985; 2, \$900; 3, \$700.

San Jose, Cal., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office at San Jose, Cal.

The H. H. Shults Co., Gowanda, N. Y., \$143.

The Berger Mfg. Co., Canton, Ohio, \$198.

Crown Metal Construction Co., Jamestown, N. Y., \$196.

Art Metal Construction Co., Jamestown, N. Y., \$204.70.

The Von Dorn Iron Works, Cleveland, Ohio, \$385.

Casper, Wyo., Post Office.

All bids received April 7 by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Casper, Wyo., have been rejected. The specifications have been revised and the work readvertised.

Puget Sound, Shipfitters' Shop, Etc.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C. for shipfitters' shop, mold loft, boiler shop, and structural steel storage building at the navy yard, Puget Sound, Wash.:

Item 1. Net price for the steel frame work of the building erected complete in accordance with plans and specifications. Under this item are included all columns, trusses, beams, girders, purlins, girts, stairs (without the concrete), crane runways, removal of end framing of building No. 107, and connection of new steel work with old. It shall include all bolt holes for connection of sash, nailing strips, and woodwork to steel, except where otherwise specifically enumerated, but shall not include bolts for such connections. It shall not include rolling doors nor guides nor holes for their connection. It shall not include holes for hinges of doors directly connected to steel work. It shall not include any woodwork of permanent structure. It shall not include sash, corrugated expanded siding, flashing, corrugated roofing, gutters, down spouts, cornices, nor corrugated siding.

Item 2. Net price for the building except for the steel framework supplies, as specified under item 1, complete in accordance with plans and specifications. Under this item is included all that is not under item 1 for the completion of the building. It includes all concrete work, except as specified in paragraph 11, all woodwork, all sash, and door work, all

rocking, all gutters, downspouts and ornice work, all reinforcement for concrete, all corrugated expanded metal siding, all roof work on extensions to building No. 107, and between this building and building A, and all corrugated siding and sash on extensions.

Item 3. Net price for the steel framework as under item 1, except that both extensions to building No. 107 shall be omitted, and the projecting open sides of building "A" resulting from this omission shall be framed similar to the projection of building "B."

Item 4. Net price for the completion of the building as under item 2, except that both extensions to building No. 107 shall be omitted, and that the projecting open sides of building "A" resulting from this omission shall be completed similar to projecting end of building "B."

Item 5. Net price per bay to be deducted from item 3 for the omission of one or more bays of building "A." Under this item the bay or bays omitted would be of those projecting beyond the present building No. 107. The end framing would be transferred to the new ends and the projecting sides of building "B" would be framed in the same manner as required for similar sides.

Item 6. Net price per bay to be deducted from item 4 for the omission of one or more bays of building "A." Under this item the bay or bays omitted would be those projecting beyond the present building No. 107.

Puget Sound Bridge & Dredging Co., Seattle, Wash., item 1, \$167,048 and \$96,724; 2-A, \$99,474; 2-B, \$94,225; 3, \$158,194; 4, \$95,828; 4-A, \$98,578; 5, \$874; 6, \$564; 6-A, \$312; 6-B, \$357; 6-C, \$270.

Butler Construction Co., Seattle, Wash., item 1, \$168,500; 2, \$102,500; 3, \$159,900; 4, \$99,900; 5, \$950; 6, \$105.

C. R. Aldrich & L. R. Ellis, Seattle, Wash., item 1, \$154,829; 2, \$95,337; 3, \$144,854; 4, \$88,377; 5, \$1,156; 6, \$100.

American Bridge Co. of New York, 600 Continental Building, Baltimore, Md., item 1, \$149,640; 3, \$142,140; 5, \$50.

W. N. Concanon, San Francisco, Cal., item 1, \$160,600; 2, \$88,134, if awarded item 1 and 2, deduct \$1,000; 2-A, \$89,344; 3, \$152,000; 4, \$88,375; 5, \$890; 6, \$781.

Ritter-Sonley Co., Pittsburgh, Pa., item 1, \$173,765; 3, \$162,765; 5, \$1,144.

Belmont Iron Works, 2215 Washington avenue, Philadelphia, Pa., item 1, \$153,994; 3, \$144,700; 5, \$1,000.

Pearson Construction Co., 754 New York Building, Seattle, Wash., item 1, \$181,262; 2, \$99,955; 3, \$174,262; 4, \$98,709; 5, \$1,800; 6, \$1,300.

Phoenix Bridge Co., 410 Walnut street, Philadelphia, Pa., item 1, \$162,500; 3, \$154,000; 5, \$300.

that the arrangements of the living quarters for the purpose of carrying out the idea of the concentrated posts is not altogether satisfactory, in addition to which it is stated that the cement buildings are not conducive to comfort in that climate. It is asserted that the buildings should be preferably of frame, with wide verandas. The startling assertion has been made that some of the barracks will be found uninhabitable when they are completed, largely for the reason that the military authorities have not made the best use of architectural features and types of construction which will contribute to the comfort of those who live at these stations. It is confidently expected that the officers of the quartermaster's department, who have to do with this work and who are responsible for the situation in the Hawaiian Islands, will be fully capable of defending themselves against any sort of criticism. It has been understood that whatever was being done in the Hawaiian Islands, or in recent years in the Philippines, was only after a full consideration of the prevailing conditions and took into account the influences of climate upon the construction of Army buildings, especially those to be used as quarters and barracks.

Steel Highway Bridge.

The following bids were received by Commissioners of Indian Affairs, Washington, D. C. for the erection of a steel highway bridge across the San Juan River, Navajo Indian reservation, N. Mex.

X. Mex. Engineering Co., Fall City, Neb., for pin construction, \$16,399; unit prices, additional concrete, 15c per cu yd add, 10c per cu yd deduct.

Pueblo Bridge Co., Pueblo Colo., pin construction, \$14,235; riveted construction, \$14,725; add for additional concrete, 15, deduct 8.

Des Moines Bridge and Iron Co., Des Moines, Iowa, riveted construction, \$17,300; concrete additional, \$15, deduct \$10.

Clinton Bridge Works, Clinton, Iowa, superstructure only, \$17,850; pin construction, \$27,700; riveted construction, \$27,700; for additional concrete, add \$35; for the omission of concrete, deduct \$25.

Omaha Structural Steel Works, Omaha, Neb., pin construction, \$16,395; riveted construction, \$17,494; add for concrete, \$12; deduct for concrete, \$8.50.

Wichita Construction Co., Wichita, Kans., pin construction, \$21,250; add or deduct for concrete, \$10.

Midland Bridge Co., Kansas City, Mo., pin construction, \$17,064, alternate, \$14,947; riveted construction, \$17,662; alternate, \$15,448; additional concrete, \$15; for concrete omitted, deduct \$10.

El Paso Bridge and Iron Works, El Paso, Tex., pin construction, C, \$14,250; riveted construction, A, \$14,725; B, \$14,175; for additional concrete, add \$8.50; for omitting concrete, deduct \$8.50.

Patterson & Burkhart Bridge and Iron Co., Denver, Colo., riveted construction, \$16,055; for additional concrete below water, \$25; above water \$12.50; for omitting concrete, deduct \$7.

Transformers.

Abstract of bids for Truckee-Carson project, opened at Los Angeles, Cal., for transformers:

Wagner Electric & Mfg. Co., St. Louis, Mo., \$732.04; St. Louis, Mo.

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., and Pittsburgh, Pa., \$764.42; East Pittsburgh, Pa.

Allis-Chalmers Co., Los Angeles, Cal., \$225; East Norwood, Ohio.

General Electric Co., Los Angeles, Cal., \$850; Pittsfield, Mass.

B. F. Kierulff, Jr. & Co., Los Angeles, Cal., \$896.62; Fort Wayne, Ind.

Mare Island Channel Problem.

The Comptroller of the Treasury has advised the Navy Department that he will be constrained to hold that the Secretary of the Navy in contracting for the dredging of the Mare Island navy yard channel, authorized by the naval appropriation act of March 4, 1911, is restricted to the plans set forth in the report mentioned in that act; that is the report dated June 8, 1908, of the board of Army and Navy engineers, of which Colonel John Biddle was senior member, and could not, without further legislative authority, contract for a wider channel than that described in the report, although the cost thereof would actually be less than the authorized cost of the narrower channel. The Comptroller was informed of Chairman Padgett's assurance that so far as the legislative branch was concerned, there would be no obstacle to the secretary's proceeding with the dredging of the 600-foot channel within the limit of the cost fixed by the act, but the comptroller said that while he could see the advantages to be derived from contracting for the wider channel and while the limit of cost would not be exceeded by doing so, he could not consider the question of public policy involved, but would be bound to interpret the law according to the language and meaning thereof. An effort will be made to have the necessary legislative authority incorporated in the urgent deficiency bill in the Senate. The Navy Department will award the contract, under these circumstances, for the dredging on the basis of 600 feet over the bar, 400 feet past Commission Rock, and 1,000 feet in front of the navy yard upon the condition that when authorization shall have been received from Congress additional dredging will be required of the contractors. The proposals received ranged between \$232,000 and \$428,860, showing such wide variation in the estimates of the cost of this work that the department wisely caused a new investigation to be made into the conditions, and as a result received new bids as follows: S. G. Hinder, 400-foot channel, \$218,900, additional for 600-foot channel, \$50,000; H. G. Plummer, 400-foot channel, \$252,500; additional for 600-foot channel, \$69,000; R. A. Perry, 400-foot channel, \$197,000; additional for 600-foot channel, \$146,000. As a result of these bids the contract for this dredging will be awarded to the lowest bidder for \$197,000. The additional \$146,000 proposed for the 600-foot channel is well within the total amount available, and Congress will be appealed to for authority to dredge the wider channel without increase in the appropriation. A comparison of the lowest bid of the first and second set shows that Mr.

Army Construction in Hawaii.

Considerable interest is manifested by some members of the House and Senate Military Committee concerning the progress of work on Army buildings in the Hawaiian Islands. There is a possibility that some inquiry will be made during the hearings on the Army bill at the next session concerning the cost and effectiveness of the type of construction adopted at the Army stations in Hawaii. Criticism has reached Washington to the effect

Daniels has effected a saving of \$35,000 to the government, which saving will be even greater should Congress authorize the 600-foot channel.

Mare Island, Cal., Dredging.

The contract for dredging the channel and basin at Mare Island, Cal., on bids opened by the chief of the bureau of yards and docks has been awarded to R. A. Perry, San Francisco, at \$197,000.

Puget Sound, Gunners' Quarters, Etc.

The contract for the construction of gunners' quarters and filling houses at the navy yard, Puget Sound, Wash., has been awarded to Ericsson & Larson, Seattle, Wash., at \$5,896.

Grand Junction, Colo., Post Office.

The supervising architect, Treasury Department, Washington, D. C., has rejected all bids received June 24 for the construction, complete, of the U. S. post office at Grand Junction, Colo.

Subtreasury, San Francisco, Cal., Vault.

The contract for the construction, complete, of all the vault entrances for the new building for the U. S. subtreasury at San Francisco has been awarded to the York Safe and Lock Co., York, Pa., at \$37,895; time March 10, 1914.

HALLS AND SOCIETY BUILDINGS.

MERCED, MERCED CO., CAL.—Hall of Records, 1 story, base and mezzanine, reinforced concrete, \$35,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, Merced County. The building is designed in the Classic style, and will be erected in the Civic Center. Construction will be fireproof. Interior will be finished in pine and hardwood with considerable tile and ornamental plaster work. Metal shelves will be installed. Plans provide for a fireproof vault. A central heating system and modern plumbing and electric work are specified. Exterior of the building will be faced with cement plaster. Plans are complete and now out for figures. Bids will be opened on November 10th. Plans can be secured from the architect.

AUBURN, PLACER CO., CAL.—Club house, 2 story and base, reinforced concrete, \$13,000. Architect, Frank S. Holland, 100 Haight St., S. F. Owners, Auburn Tahoe Club, W. G. Lee, J. M. Francis and H. M. Hooper, Building Committee. This work has been mentioned here before. There will be two stores on the first floor and lodge rooms above. Interior will be finished in pine and redwood. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are in the hands of the Building Committee and figures are now being taken.

HOSPITALS.

SEATTLE, WASH.—Hospital, 2 story and base, reinforced concrete, \$40,000. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. This work was mentioned here when the architect was first selected to prepare plans. The building will be erected in Richmond Heights, and is to be the

first unit of a large institution. The main building will be 37x80 feet, with two wings each 21x73 feet. Interior will be finished in pine, white enamel and hardwoods. There will be steam heat and modern hospital plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for in a few days.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$45,000. Architect, Frank S. Holland, 100 Haight street, S. F. Owner's name withheld. The building will be erected on the south side of Sutter street near Taylor, and will have a frontage of 27½ feet by a depth of 100 feet. A large office and lobby will occupy the entire first floor. Upper floors will contain in the neighborhood of 50 rooms, all of which will have private baths. Interior finish will be of pine with hardwood floors. Considerable ornamental plaster will be used in the lobby. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Exterior will be faced with pressed brick trimmed with sandstone. Working drawings are being prepared.

SAN FRANCISCO—Hotel, 6 story and base, reinforced brick, \$65,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, A. Eisenberg. The building will be erected on Sutter street near Leavenworth, covering an area of 46½x125 feet. There will be a store besides the main hotel office and lobby on the first floor. Upper floors will contain about 75 rooms and baths. Interior finish will be of pine and hardwood with ornamental plaster used in the office and lobby. There will be steam heat, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Eisen & Son, Wilcox Bldg., L. A. Owners, Blumenthal Co. The building will be erected on a corner lot and will contain two stores besides the hotel office and lobby on the first floor. Upper three floors will be subdivided into about 50 guest rooms and a number of public and private baths. Interior finish will be of pine and hardwoods. There will be steam heat and elevator service. Hot and cold running water will be supplied to all rooms. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. A number of subcontracts will be let.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, M. J. Priester. The building will be erected on Wall street, and has been designed for a hotel of 85 guest rooms, a number of private baths and several public baths. There will be steam heat, elevator service and a hot water supply. Interior finish

will be of pine and redwood. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the general construction will be carried on by the Maine Building and Investment Co. Subcontracts on some parts of the work will be let.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponew. The building has been designed to contain stores on the first floor and a large number of guest rooms and baths on the upper floors. Plans will include steam heat, elevator service, hot water supply and a vacuum cleaning system. Interior finish will be of pine throughout. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 7 story and base. Class A construction, \$125,000. Architect, Walter Webber, Ferguson Bldg., L. A. Owners, Pico Street Improvement Co. Only preliminary plans have been prepared for this building, which is to be erected at the southwest corner of Pico and Figueroa streets. The owner contemplates the construction of but one wing of the building at this time. The cost of this work is estimated at \$125,000. Further mention will be made as the plans progress.

Contracts Awarded.

CARLTON, ORE.—Hotel, 2 story and base, brick. Cost not stated. Architect, E. M. Larry, McMinnaville. Owner's name withheld. Contractor, Martin Johnson, Carlton. Contract price, not stated.

LOS ANGELES, CAL.—Hotel, 12 story and base, reinforced concrete, \$267,000. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. Contractor, Carl Leonardt, H. W. Hellman Bldg., L. A., all work except painting, marble and tile. Contract price, \$267,000.

LIBRARIES.

COALINGA, FRESNO CO., CAL.—Library, 2 story and base, reinforced concrete, \$20,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, City of Coalinga. The building is designed in the Classic style and will cover a considerable ground area. There will be two large reading rooms, librarian's office and stack room. Metal shelves will be used. Interior finish will be of pine and hardwood. A maple floor is specified. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans have been approved by the Library Trustee and bids will be called for as soon as the approval of the Carnegie people is secured.

POST OFFICES.

CASPER, WYO.—Post office, 1 story, base and mezzanine, brick, stone and steel. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. This building has been mentioned here before when bids were first taken or

the work. All figures received have been rejected and plans revised. The building covers an area of approximately 4,000 square feet and will be of semi-fireproof construction. Interior finish will be of pine and hardwoods. Plans provide for a steam heating system and metal window sash and frames. Exterior will be faced with cut stone and pressed brick. Bids are now being taken and will be opened on October 24th. Plans can be secured from the Supervising Architect at Washington or from the Custodian of the site at Casper, Wyo. An official proposal appears in another column of this issue.

GRAND JUNCTION, COLO.—Post office, 1 story, base and mezzanine, brick and steel construction. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. All bids received for this work have been rejected and new plans are now nearly ready for figures. The building will be finished in pine and hardwoods. There will be steam heat and metal window sash and frames. Exterior will be faced with pressed brick trimmed with cut stone. Plans can be secured from the Supervising Architect or from the Custodian of the site at Grand Junction, Colo.

Contracts Awarded.

SAN FRANCISCO—Interior painting, Custom House, \$22,000. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, J. R. Kissell, 1723 Polk street, S. F. Contract price, \$22,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

RICHMOND, CONTRA COSTA CO., CAL.—Passenger station, 1 story and base, reinforced concrete, \$30,000. Engineer, G. W. Harris, L. A. Owners Santa Fe Railroad Co. Plans are being prepared for an attractive Mission style depot, which is to replace the present structure in Richmond. There will be two waiting rooms, baggage and express office and office of the agent. Interior finish will be of pine and hardwoods. A cement floor will be used. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Preliminary plans are being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, E. F. Hall. The dwelling will be erected on Ashbury street, and will be designed in the English half-timber style. Plans provide for about ten rooms and three baths. Interior will be finished in pine and various hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Composition floors and tile wainscoting will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling is to be covered with cement plaster and half-timber. Plans are now being prepared.

SAN FRANCISCO—House, 6, 1 story and base, frame, \$2,000 each. Architect, Edward E. Young, 551 Kear-

ny St., S. F. Owner, Thomas Scoble. These houses are to be erected on 14th avenue near Balboa street. Each dwelling will contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place in each of the living rooms. Tile and brick mantels will be used. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are complete and the work is to be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, James Welsh, 244 20th street, S. F. The dwelling will be erected on 22nd avenue near Lake, and has been designed for a seven-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place and brick mantel. Composition floor will be used in the bath room and tile wainscot in the bath and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Frank S. Holland, 100 Haight St., S. F. Owner's name withheld. This work has been mentioned here before. The building has been designed for a duplex residence. Each house will contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Provision has been made for a central heating system, but this will not be included in the general contract. Bath rooms will have tile wainscot. Automatic water heaters will be installed. There will be open fire places and tile mantels. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been revised and new figures are now being taken.

OAKLAND, CAL.—Residences, 2, 2 story and base, frame, \$2,800 each. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. These houses will be erected on Fleming avenue near Seminary avenue, and have been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Open fire places and tile and brick mantels will be used. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Joseph T. Carter, Balboa Bldg., S. F. Owner, George Wallace. The dwelling has been designed to contain seven rooms, two baths and sleeping porch. A garage will also be erected on the same lot. Interior finish will be of pine, redwood and various hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for a hot water

system of heating and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are nearly complete and figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owners, Patrick Nelson Co., 2025 Addison street, Berkeley. The dwelling will be erected in the Northbrae Tract. There will be seven rooms, bath and sleeping porch. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Thomas C. Huxley. The dwelling, which has been designed for an eight-room house, will be erected in Elmwood Park. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architect, A. W. Smith, 1004 Broadway, Oakland. Owner's name withheld. The dwelling will be erected in Havenscourt and has been designed to contain seven rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and out for figures.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$9,000. Architect, none. Owners, Patrick Nelson Co., 2025 Addison street, Berkeley. The dwelling is to be erected in Thousand Oaks and will contain eight rooms, baths and sleeping porch. Interior finish will be of pine, white enamel and hardwoods. There will be furnace heat and open fire places. Mantels will be of brick and tile. Composition floors will be used in the bath rooms. The wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame,

\$2,000. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling will be erected on Yolo avenue near Milvia, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Miss L. G. Reider. The dwelling will be erected in Bushnell Place, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath rooms will have composition floor and tile wainscot will be used in both the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, J. P. Clark. The dwelling will be erected on Warwick avenue, and has been designed to contain six rooms and bath. Interior finish will be entirely of pine. Hardwood floors will be used in the living room and dining room. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$1,000 each. Architect, none. Owners, Marshall and Diggs, College and Russell streets, Oakland. These houses will be erected at the corner of College and Russell streets, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of tile and brick. Floors in the principal rooms will be of hardwood. Composition flooring and tile wainscot will be used in the bath rooms. Tile will also be used in the kitchens. Automatic water heaters will be installed. Exterior of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, George Anderson, 5156 College Ave., Oakland. Owner, T. Anderson. The dwelling will be erected on Lawton avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. There will be furnace

heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot, and floor in the bath room will be of composition. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN ANSELMO, MARIN CO., CAL.—Residence additions, 1 story frame, \$3,000. Architect, Maxwell G. Bugbee, 330 Lick Bldg., S. F. Owner, George Breck. This work will include the construction of a garage and conservatory and a frame water tower. The tower will contain a tank with a capacity of 3,000 gallons. Mr. Breck has expended in the neighborhood of \$15,000 on his property, and has one of the finest homes in Yolanda Park. Plans for the above described work will be completed this week and figures will be taken.

MADERA, MADERA CO., CAL.—Bungalow, 1½ story and base, frame, \$1,500. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Mrs. J. F. Dalton. The house has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster and rustic. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architect, Edward T. Foulke, Crocker Bldg., S. F. Owner, J. Black, Jr. The dwelling will be erected at the corner of Presidio and 18th avenues, and has been designed for a high class city residence. The dwelling will contain in the neighborhood of ten rooms, three baths and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Newsum & Dixon, 1814 5th avenue, Oakland. Owner, P. A. McWilliams. The house will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Bungalows, 2, 1 story and base, frame, \$2,500 each. Architects, Newsum & Dixon, 1814 5th avenue, Oakland. Owner, J. Coward.

These two dwellings will each contain five rooms and bath, and will be erected on Shafter avenue. Interiors will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Interiors will be covered with cement plaster and rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, J. Heafey. The dwelling will be erected on a corner site, and will contain in the neighborhood of seven rooms, bath and sleeping porch. Interior will be handsomely finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat. Open fire places and brick or tile mantels will also be used. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN LEANDRO, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architects, Newsum & Dixon, 1814 5th avenue, Oakland. Owner, Mrs. Smith. The house will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer and hardwood floors. Plans provide for furnace heat and open fire place. Mantel will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

MENLO PARK, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, John B. Leonard. The dwelling has been designed for a country home and will contain in the neighborhood of ten rooms, three baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine and hardwood. There will be a central heating system, probably furnace heat. Open fire places and tile or brick mantels will be used. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

FILLMORE, VENTURA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owner, Richard Stephens. The dwelling will contain eleven rooms including a billiard hall and several baths. All bed rooms will have connecting baths and sleeping porches. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Bath rooms will have tile floors

and wainscoting. Plans are being prepared.

Contracts Awarded.

OAK KNOLL, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$18,000. Architects, Frohman & Martin, Slavin Bldg., L. A. Owner, Judge C. J. Wilhite. Contractor, E. D. Tyler, 539 South Pasadena street, L. A., general construction only. Contract price, \$18,000.

SCHOOLS.

OAKLAND, CAL.—School, 1 story and base, reinforced concrete, \$70,000. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This building will be known as the Lockwood School, and will be erected on East 14th street between 66th and 68th avenues. There will be ten class rooms, assembly hall and teachers' rooms. Interior finish will be of pine with maple floors. Plans provide for a steam heating system and a vacuum cleaning plant. Special electric work and school plumbing are called for in the specifications. Exterior of the building will be faced with cement plaster. Plans have been approved and are now out of figures. Bids will be opened by the Board of Education on October 13th. Plans can be secured from the architect.

LONG BEACH, LOS ANGELES CO., CAL.—Schools, 3, 2 story and base, brick. Cost not stated. Architect, A. B. Sturges, Story Bldg., L. A. Owners, City of Long Beach. One of the buildings will be 74x176 feet and will contain 16 class rooms, assembly hall, study rooms, offices and domestic science and manual training departments. The other two buildings will each cover an area of 65x165 feet, and will each contain 12 class rooms and an auditorium. Interior finish and floors will be of pine. Plenum heating systems will be installed. Exterior will be faced with pressed brick. Working drawings are complete and figures will be called for shortly.

UPPER LAKE, LAKE CO., CAL.—School, 1 story and base, frame. Cost not stated. Architect, Department of Indian Affairs, Washington, D. C. Owners, United States Government. Bids will be opened on October 6th at Washington, D. C., for the construction of a one-story frame building to be erected at the Round Valley Indian School. Plans are on file at the office of the local Indian Agency, 268 Market street. An official proposal appears in another column of this issue.

Contracts Awarded.

LOS ANGELES, CAL.—School, 2 story and base, brick and steel, \$11,928. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Contractors, Alta Planing Mill Co., 829 McGarry St., L. A. general construction. Contract price, \$11,928.

SEWERS, STREET WORK AND WATER SYSTEMS.

CANAL WORK — Excavating, etc. Cost not stated. Engineers, United States Reclamation Service, Orland, Cal. Owners, United States Government. Plans have been approved for the construction of about 6½ miles of irrigation canal in Colusa County. The work involves the excavating of about 200,000 cubic yards of materials. The

canal will be constructed in Colusa County about 2½ miles from Sites. Plans can be secured from the U. S. Reclamation Service Engineers in Orland. Bid will be opened on October 15th. An official proposal appears in another column of this issue.

Contracts Awarded.

SAN FRANCISCO—Pipe laying, \$5,400. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Contractors, Contra Costa Construction Co., S. F. Contract price, \$5,400.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Lofts, 7 story and base, reinforced concrete. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Sharon Estate. This building, covering an area of 68 feet square, will be erected on the property at the corner of Annie and Jessie streets. Adjoining property owned by the same estate has but recently been improved. The entire new building has been leased for a long term through the offices of A. J. Rich & Co. Construction will be fireproof with reinforced concrete floors, walls and interior partitions of metal lath and plaster. Interior finish will be of pine and metal. Plans provide for steam heat, elevator service and a vacuum cleaning system. There will be metal window sash and frames. Exterior of the building will be faced with cement plaster. Working drawings are being prepared.

SAN FRANCISCO—Stores, 1 story and base, brick, \$10,000. Architect, Frederick D. Boese, 4 Kearny street, S. F. Owners, Meyer & Rehmsstedt. The building will be erected at the southwest corner of Market and Stuart streets, covering an area of 45x67 feet. There will be two stores. Interior finish will be of pine. There will be patent store fronts and marble base. Exterior of the building will be faced with pressed brick. Plans have been out for figures and a contract will be let within a day or two.

LOS ANGELES, CAL.—Stores and lofts, 7 story and base, Class A construction. Cost not stated. Architect, Fred D. Dorn, Douglas Bldg., L. A. Owner's name withheld. The building will have a frontage of 80 feet and a depth of 150 feet. Construction will be of reinforced concrete and fireproof. Interior finish will be of pine and metal. Plans provide for steam heat, three elevators and a vacuum cleaning system. There will be metal window sash and frames and fireproof doors. There will be stores on the first floor and upper floors will be arranged for light lofts. Exterior of the building will be faced with cement plaster. Plans will be completed and all contracts awarded by January 1st.

OAKLAND, CAL.—Stores, 1 story, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. J. Schmidt. The building will be erected at the southwest corner of 55th and Telegraph avenue and will contain one large store. Interior finish will be of pine. There will be plate glass windows in patent store fronts. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Telephone exchange, 3 story and base, Class A construction. Cost not stated. Architect, Architectural Department Pacific Tel. and Tel. Co., 333 Grant avenue, S. F. Owners, Pacific States Tel. and Tel. Co. Announcement has been made that this company has secured a site on the principal business street in Richmond, and that preliminary plans are being prepared for a modern telephone exchange. The entire building will be occupied by the company. Further than the fact that the structure will be of the Class A type no details can be secured. Further mention will be made of the work as plans progress.

PORTLAND, ORE.—Store and office addition, 1 story, reinforced concrete, \$10,000. Architects, George Rae, Lumber Exchange Bldg., Portland. Owners, Kaddery and Francis. This work will include new interior finish, plumbing, painting, electric work and plastering. The new portion of the building will be arranged for offices. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores, 1 story and base, reinforced concrete. Cost not stated. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owner, J. C. Castello. The building will occupy a corner site and will cover an area of 100x152 feet. There will be a number of modern stores finished in pine and hardwoods. Construction will include a cement floor, marble base, patent store fronts, plate glass windows and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

PORTLAND, ORE.—Store and garage, 1 story and base, brick and steel. Cost not stated. Architect, Charles W. Ertz, Northwest Bldg., Portland. Owner, J. C. Bird. The building will cover an area of 100 feet square, and has been designed to contain several stores and a public garage. Interior finish will be of pine throughout. There will be a cement floor and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

PORTLAND, ORE.—Stores and offices, 2 story and base, brick and steel. Cost not stated. Architect, A. C. Jenkins, Stark Bldg., Albany. Owners, Wells and Foster. The building will be erected on a corner lot and will contain stores on the first floor and a number of modern offices on the upper floor. Interior finish will be of pine throughout. There will be a central heating system and metal window sash and frames. Patent store fronts will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base, brick, \$35,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. H. Van Nuys. Contractor, National Fireproof Building Co., Central Bldg., L. A. Contract price, \$35,000.

PORTLAND, ORE.—Store and offices, 1½ stories, brick construction, \$10,000. Architect, none. Owners, Western Realty Co., Board of Trade Bldg., Port-

land. Contractor, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$19,000.

THEATRES.

SAN FRANCISCO—Theatre, 2 story and base, brick and steel, \$35,000. Architects, Rouss-eau & Rousseau, Madnock Bldg., S. F. Owner, Nellie Harris. This work has been mentioned here several times before. The building will be erected on Broadway near Grant avenue, and will contain two stores besides the theatre. Construction will be fireproof with a complete steel frame and exterior walls of reinforced concrete. Exterior will be faced with cement plaster. Plans have been revised and are now out for figures. A contract will be awarded shortly.

SEALED PROPOSALS.

PROPOSALS FOR ICE PLANT. ICE PLANT—Sealed proposals, indorsed "Proposals for Building for Ice Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 1, 1913, and then be publicly opened, for building for ice-making and cold-storage plant, Naval Station, Pearl Harbor, Hawaii. Estimated cost, \$9,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station, Honolulu, T. H. H. R. STANFORD, chief of bureau, September 11, 1913.

PROPOSALS FOR CANAL WORK. EXCAVATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Orland, Cal., until 2 p. m., October 15, 1913, for the construction of about six and one-half miles of canal in Colusa County, Cal. The work involve the excavation of about 200,000 cubic yards of material, and is situated near the town of Stonyford, about 23 miles from Suisun, the terminus of the Colusa and Lake Railroad. For particulars address the United States Reclamation Service, Washington, D. C., Portland, Ore., or Orland, Cal. J. M. McKINNEY, acting director.

PROPOSALS FOR CANAL SUPPLIES. CANAL CIRCULAR 801—Proposals for Road Roller, Galvanized Roofing, Galvanized Sheet Steel or Iron, Rivets, Bolts, Bronze Bars, Sheet Copper, Sheet Lead, Pig Lead, Steel and Iron Pipe, Pipe Fittings, Valves, Cocks, Bibbs, Tray Pumps, Shower Heads, Copper Gaskets, Lead Bends, Ball Cocks, Force Cups, Reamers, Hacksaw Blades, Vitrified Sewer Pipe, Fire Brick, Asbestos Cement, Horse Brushes, Ropes for Bunks, Coaling Books, Paper, Pad-board, Japan Drier, Turpentine, S. elkar, Chrome Green, Varnish, Lumber and Sand. Timber—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., October 10, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 801) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES. CANAL CIRCULAR 800—Proposals for oil burning forges and furnaces and thermo-electric pyrometers. — Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., October 8, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 800) may be obtained

from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. A., general purchasing officer.

PROPOSALS FOR STEEL WORK. STEEL WORK—Sealed proposals, indorsed "Proposals for Steel Work, Pearl Harbor," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., October 18, 1913, and then be publicly opened, for structural steel work for coaling plant, naval station, Pearl Harbor, Hawaii. Estimated cost, \$350,000. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES. CANAL CIRCULAR 799—Proposals for Chain, Wire Cable, Track Spikes, Rivets, Bolts, Nuts, Lag Screws, Nails, Tacks, Lead Washers, Iron Washers, Sheet Zinc, Yellow Metal, Bronze Bars, Rubber Tubing, Bronze Wire Cloth, Files, Corporation Cocks, Portable Forges, Wheelbarrows, Grease Cups, Water Gauges, Buckets, Water Closets, Differential Blocks, Scythe Blades, Corn Brooms, Sash Cord, Brushes, Iron Brushes, Window Glass, Lantern Globes, Oars, Steel Tapes, Hoes, Packing, Asbestos Gaskets, Rawhide Belt Lacing, Cotton Canvas, Canvas Shoes, Railway Flags, Sash Cord, Towels, Sponges, Toilet Paper and Soap.— Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., October 1, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 799) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING. BUILDING, ETC.—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m., October 24, 1913, for the construction, complete (including mechanical equipment, interior lighting fixtures and appliances), of a one story, basement and mezzanine building of 4,000 square feet ground area, for the United States post office at Casper, Wyo. The first floor is of approved construction, the exterior facing of brick, and the roof of tin. Drawings and specification may be obtained from the custodian of site at Casper, Wyo., or at this office.

file, in the discretion of the supervising architect. WENNEROTH, supervising architect.

PROPOSALS FOR SEWER WORK. SEWER—Office Q. M., Fort Yellowstone, Wyo.—Sealed proposals, in triplicate, will be received at this office until 11 a. m., October 15, 1913, and then be opened for constructing an outfall sewer this post. Further information may be obtained by applying this office. HERMAN KOPPE, 2d lieutenant, 1st cav., U. M.

PROPOSALS FOR BUILDING. BUILDING—Sealed proposals indorsed "Proposals for Marine Officers' Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., October 18, 1913, and then be publicly opened for marine officers' quarters, navy yard, Puget Sound, Wash. Estimated cost, \$34,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL TOWER. DEPARTMENT OF COMMERCE AND LABOR—Lighthouse Service, Office of Lighthouse Inspector, 15th District, New Custom House, San Francisco, Cal.—Sealed PROPOSALS for furnishing the articles or services specified below will be received at this office until 11:00 a. m., September 23rd, 1913 (Tuesday). Time of delivery, within 30 days from date of order thereof. Place of delivery, f. o. b. water front, San Francisco, Cal. Description of articles or services desired: One structural steel tower 21 feet in height, 10 ft. diameter, for lighthouse. Blank proposals, specifications, and other information may be had upon application to this office.

PROPOSALS FOR CANAL SUPPLIES. CANAL CIRCULAR 798—Proposals for the Purchase of Supplies Offered for Sale by the Isthmian Canal Commission. Which are no Longer Needed, Such as Drugs and Chemicals, Surgical Instruments, Dressings, Appliances, Sundry Items for Pharmaceutical Hospital Purposes.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., November 7, 1913, at which time they will be opened in public, for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 798) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, at carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headlines, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame \$10,000, San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, E. F. Ball. The dwelling will be erected on Ashbury street, and will be designed in the English half-timber style. Plans provide for about ten rooms and three baths. Interior will be finished in pine and various hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Composition floors and tile wainscoting will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling is to be covered with cement plaster and half-

timber. Plans are now being prepared.

BUNGALOWS—6, 1 story and base, frame, \$2,000 each, San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Sculte. These houses are to be erected on 44th avenue near Balboa street. Each dwelling will contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place in each of the living rooms. Tile and brick mantels will be used. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, red and shingles. Plans are complete and the work is to be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, \$3,000. San Francisco. Architect, none. Owner, James Welsh, 244 20th street, S. F. The dwelling will be erected on 22nd avenue near Lake, and has been designed for a seven-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place and brick mantel. Composition floor will be used in the bath room, and tile wainscot in the bath and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architect, Frank S. Holland, 100 Haight St., S. F. Owner's name withheld. This work has been mentioned here before. The building has been designed for a duplex residence. Each house will contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Provision has been made for a central heating system, but this will not be included in the general contract. Bath rooms will have tile wainscot. Automatic water heaters will be installed. There will be open fire places and tile mantels. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been revised and new figures are now being taken.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, J. Bruck, Jr. The dwelling will be erected at the corner of Presidio and 18th avenues, and has been designed for a high-class city residence. The dwelling will contain in the neighborhood of ten rooms, three baths and sleeping porch. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

COLD STORAGE PLANT 1 story and base, reinforced concrete, \$10,000. Pearl Harbor, Hawaii. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been completed for the construction of a cold storage and ice making plant which is to be erected at the Naval Station at Pearl Harbor. Bids are now being taken, and will be opened in Washington, D. C., on November 1st. Plans can be secured from the Bureau of Yards and Docks, or from the Commandant at Pearl Harbor. The sum of \$9,000 is available for construction.

FLATS—3 story and base, frame, \$11,000. San Francisco. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, A. Paladini. The building will be erected on Filbert street near Stockton, and has been designed to contain three large flats and a garage. Interiors will be finished in pine and redwood. Some hardwood

floors and elm panels will also be used. There will be a large open fire place in each of the living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Entrances will be finished in marble and terrazzo. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, F. Barbarotto. The building will be erected on Brazil near Madrid, and will have a frontage of 25 feet and a depth of 55. Plans provide for one store and a flat on the first floor and a flat of six rooms on the upper floor. Interior finish will be of pine throughout. An open fire place with tile mantel will be installed in the upper flat. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—6 story and base, reinforced concrete, \$15,000. San Francisco. Architect, Frank S. Holland, 100 Haight street, S. F. Owner's name withheld. The building will be erected on the south side of Sutter street near Taylor, and will have a frontage of 27½ feet by a depth of 100 feet. A large office and lobby will occupy the entire first floor. Upper floors will contain in the neighborhood of 50 rooms, all of which will have private baths. Interior finish will be of pine with hardwood floors. Considerable ornamental plaster will be used in the lobby. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Exterior will be faced with pressed brick trimmed with sandstone. Working drawings are being prepared.

HOTEL—6 story and base, reinforced brick, \$65,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, A. Eisenberg. The building will be erected on Sutter street near Leavenworth, covering an area of 46½x125 feet. There will be a store besides the main hotel office and lobby on the first floor. Upper floors will contain about 75 rooms and baths. Interior finish will be of pine and hardwood with ornamental plaster used in the office and lobby. There will be steam heat, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

POST OFFICE—1 story, base and mezzanine, brick, stone and steel, cost not stated. Casper, Wyo. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. This building has been mentioned here before when bids were first taken on the work. All figures received have been rejected and plans revised. The building covers an area of approximately 4,000 square feet, and will be of semi-fireproof construction. Interior finish will be of pine and hardwoods. Plans provide for a steam heating system and metal window sash and frames. Exterior will be faced with cut stone and pressed brick. Bids are now being taken and will be opened on October 24th. Plans can be secured from the Supervising Architect at Wash-

ington or from the Custodian of the site at Casper, Wyo. An official proposal appears in another column of this issue.

POST OFFICE—1 story, base and mezzanine, brick and steel construction. Cost not stated. Grand Junction, Colo. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. All bids received for this work have been rejected and new plans are now nearly ready for figures. The building will be finished in pine and hardwoods. There will be steam heat and metal window sash and frames. Exterior will be faced with pressed brick trimmed with cut stone. Plans can be secured from the Supervising Architect or from the Custodian of the site at Grand Junction, Colo.

LOFTS—7 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Sharon Estate. This building, covering an area of 68 feet square, will be erected on the property at the corner of Annie and Jessie streets. Adjoining property owned by the same estate has but recently been improved. The entire new building has been leased for a long term through the offices of A. J. Kitch & Co. Construction will be fireproof with reinforced concrete floors, walls and interior partitions of metal lath and plaster. Interior finish will be of pine and metal. Plans provide for steam heat, elevator service and a vacuum cleaning system. There will be metal window sash and frames. Exterior of the building will be faced with cement plaster. Working drawings are being prepared.

STORES—1 story and base, brick, \$10,000. San Francisco. Architect, Frederick D. Boese, 45 Kearny St., S. F. Owners, Meyer & Rehmstedt. The building will be erected at the southwest corner of Market and Stuart streets, covering an area of 45x67 feet. There will be two stores. Interior finish will be of pine. There will be patent store fronts and marble base. Exterior of the building will be faced with pressed brick. Plans have been out for figures and a contract will be let within a day or two.

THEATRE—2 story and base, brick and steel, \$35,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Nellie Harris. This work has been mentioned here several times before. The building will be erected on Broadway near Grant avenue, and will contain two stores besides the theatre. Construction will be fireproof with a complete steel frame and exterior walls of reinforced concrete. Exterior will be faced with cement plaster. Plans have been revised and are now out for figures. A contract will be awarded shortly.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architect, Charles J. Rousseau, 16 Kearny St., S. F. Owner, Mr. and Mrs. F. A. Sutherland. Contractor, John C. Kananan, 1676 Fulton street, S. F. Contract price, \$14,000.

CHURCH—Steel and brick, \$100,000. San Francisco. Architect, John J. Foley, 16 Kearny St., S. F. Owners, St. Joseph Church. The following contracts have just been awarded: Plaster and ornamental plastering to

Herman Bosch at \$13,400, and metal furring and lathing to the Atlantic Fireproofing Co. at \$4,685.

INTERIOR PAINTING CUSTOM HOUSE—\$22,000. San Francisco. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, J. R. Kissell, 1723 Polk St., S. F. Contract price, \$22,000.

PIPE LAYING—\$5,400. San Francisco. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Contractors, Contra Costa Construction Co., S. F. Contract price, \$5,400.

City Bids Opened.

High Figure Received for Geary Street Car Advertising, Laying Pipe Bring Out Six Bidders.

R. C. Scott was the highest bidder for the privilege of selling advertising in the Municipal Geary Street cars. A bid of \$111 per car per year was received. The Geary street line is operating a total of 40 cars and at the figure submitted by R. C. Scott the city will receive something over \$12 per day from the advertising firm.

Bids were also opened on Wednesday afternoon by the Board of Public Works for laying pipe in Bay street and Van Ness avenue through Fort Mason. Six firms submitted bids, the lowest being received from the Contra Costa Construction Co. at \$5,400. The following figures were submitted:

Laying Pipe.

Massachusetts Bond Co.	\$5,982
R. C. Storrie & Co.	6,400
Gorrill Bros.	5,785
Edward Malley	6,275
Contra Costa Constr. Co.	5,400
F. Rolandi	5,800

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., OF BUILDING AND INDUSTRIAL NEWS published weekly at San Francisco, required by the Act of August 24, 1912.

Name of Editor, C. Munday, 560 Mission Street.

Managing Editor, L. A. Larsen, 560 Mission Street.

Business Manager, L. A. Larsen, 560 Mission Street.

Publisher, L. A. Larsen, 560 Mission Street.

Owner, L. A. Larsen, 560 Mission St. Known bond holders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities: None.

L. A. LARSEN, Owner Sworn to and subscribed before me this 19th day of September, 1913.

MARTIN ARONSOHN, Notary Public in and for the City and County of San Francisco, State of California.

(My commission expires Sept. 20th, 1915).

[SEAL]

RELEASE OF HILDEBRAND'S BOND.

Sept. 16, 1912—W TRENTON 112-6 N Jackson. Maurice Salomon and Arthur Go-liner to Southwestern Surety Ins. Co. releasing said surety company as surety for John S. Ratto under contract of August 18, 1913

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
3466	Bellmer	Bellmer	500
3467	Rittore	Ferroni	6000
3468	Connighan	Bartlett	4900
3469	Carlin	Carlin	4000
3470	Voight	Voight	1800
3471	Harris	Yates	1800
3472	Maritime	Burke	57750
3473	Carpenters'	Demar	33532
3474	Haner	Tarbett	1737
3475	Haner	Tarbett	2373
3476	Hencke	Born	9150
3477	Same	Goss	1400
3478	Same	Baldwin	808
3479	Mason	Montgomery	2393
3480	Terrill	Hill	1510
3481	Cavanagh	Roberts	2382
3482	Lamute	Lamute	800
3483	Bowers	Jones	500
3484	Smith	Smith	700
3485	Vassie	Nevelly	400
3486	Madden	Madden	500
3487	Cohn	Federal Sign	500
3488	Naloud	Naloud	1000
3489	Lager	Chynel	800
3490	Newell	Newell	800
3491	Foster	Anderson	400
3492	Miller	Sundberg	800
3493	St. Peter's Ep Ch.	Brandon	10000
3494	Birkenstock	MacKintosh	500
3495	Tamm	Stangl	1542
3496	Blanchi	Rolandi	27384
3497	Penziner	Johnson	1500
3498	O'Neill	O'Neill	400
3499	McCauley	F. A. McCauley	400
3500	McAfee	McAfee	1000
3501	Ferris	Brunswick	450
3502	Craviotti	Polati	1000
3503	Buckley	Ferguson	325
3504	Nostrom	Nostrom	1650
3505	Lakegard	Lakegard	1000
3506	Heyman	Heyman	1950
3507	Kapetanovic	Owner	500
3508	McCauley	Novelty	400
3509	Emery	Emery	400
3510	Johnson	Johnson	1900
3511	Johnson	Johnson	1900
3512	Scoble	Scoble	2000
3513	Same	Same	2000
3514	Same	Same	2000
3515	Same	Same	2000
3516	Same	Same	2000
3517	Same	Same	2000
3518	Rousseau	Rousseau	2000
3519	Hopper	Rednal	7100
3520	Lager	Lynch	1150
3521	Guggenlime, Cal	Concrete	1755
3522	Belan	Tessier	1500
3523	O'Keefe	Hoin	2910
3524	Large	Terry	8879
3525	Marsicano	Mulcahy	70370
3526	Same	Title	2512
3527	Same	Kernen	3225
3528	Same	Looney	7525
3529	Sacred Heart	Schradler	7430
3530	Same	Camp	3575
3531	Same	Powers	17350
3532	Same	Wagner	180
3533	Same	Wagner	6994
3534	Same	Cerda	3300
3535	Varni	Moore	2650
3536	Haynes	Moore	2650
3537	Van Ness Rly.	Pac Sls	2100
3538	Hind	McClenahan	2655
3539	Grosh	Brown	22660
3540	Blucher	Horsmeyer	1350
3541	Salati	Standard	2210
3542	Valentine	Valentine	500
3543	Warehouse Inv	Owner	800
3544	Evans	Carnahan	400
3545	Caquette	Hadeshim	400
3546	Robb	Hamill	500
3547	Parkison	Parkison	500
3548	Enderlein	Mulcahy	400
3549	Spashberry	Amosen	400
3550	Lafabregue	Arthur	1000
3551	Crocker	Hock	400
3552	Same	Cavaglia	500
3553	Cooke	Cooke	1500
3554	Welsh	Welsh	3000
3555	Dean	Green	1000
3556	Dunne	Healing	400
3557	Hudson	Hudson	400
3558	Ludlow	Schmidt	500
3559	Zonovich	Alse	400
3560	Guerrero	Nelson	2000
3561	Vodden	Vodden	5000
3562	Billington	Billington	500
3563	Shipper	Shipper	800
3564	Cesta	Cesta	600
3565	Weaver	Weaver	600
3566	Berg	Brunswick	400
3567	Koeppen	Zetterholm	500
3568	Axelsson	Axelsson	400
3569	Meyer	Hoin	900
3570	Lewis	Federal	400
3571	Pirpo	Pirpo	400
3572	Comers	Billington	1391
3573	St. Ignatius	Palmer	2628
3574	Stolz	Horsmeyer	3225
3575	Hilbrook	Day	26520

(3466) S BAY SHORE 25 E Nueva One-story and basement frame dwlg Owner.....P. Bellmer, 602 Bay Shore Ave., San Francisco.

Architect...None. Day's work. COST, \$500

(3467) N GREEN 157-6 W Grant Ave. Two-story and basement frame (4) flats.

Owner.....Maria Rittore, 972 Greenwich, San Francisco.

Architect...P. Capurro, 1884 Powell, San Francisco.

Contractor...G. Ferroni, 2045 Octavia, San Francisco.

COST, \$6000

(3468) W SAN DIEGO WAY 225 S St. Francis Boulevard. Two-story and basement frame dwelling.

Owner.....A. S. Connighan, 245 Post, San Francisco.

Architect...W. H. Ratcliff, 1st National Bank Bldg., San Francisco.

Contractor...John M. Bartlett, 1700 Call Bldg., San Francisco.

COST, \$4900

(3469) W DOUGLASS 218 N 17th. Two-story and basement frame residence. Owner.....W. J. Carlin, 49 Ord, S. F.

Architect...Rousseau & Rousseau, 441 Monadnock Bldg., S. F.

Day's work. COST, \$4000

(3470) W WANDA 115 S Ocean Ave. One-story and basement frame dwlg. Owner.....George F. Voight, 276 29th, San Francisco.

Architect...None. Day's work. COST, \$1800

(3471) W NINETEENTH AVE 356 N Cabrillo. One-story and basement frame dwelling. Owner.....Jeanette Yates, 310 Lick Bldg., San Francisco.

Architect...Martin A. Schindler, 310 Lick Bldg., San Francisco.

Contractor...Wm. F. Yates, 310 Lick Bldg., San Francisco.

COST, \$1800

(3472) S CLAY 150 E Drumm E 50xS 119-6. Excavating, pile foundation, steel and erection, concrete, brick, terra cotta, carpenter, lumber, mill, plumbing, plastering, painting, roofing, dampproofing, metal, hardware, composition floor, glazing, glass, marble and terrazzo and other work for three-story and basement steel frame, brick and concrete Class "C" building.

Owner.....The Maritime Hall Ass'n.

Architect...Charles Paif & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...E. F. Burke, 290 Surrey, San Francisco.

Filed Sept. 26, '13. Dated Sept. 13, '13.

On 28th day of each month..... 75%

Usual 35 days, balance..... 25%

TOTAL COST,\$57,750

Bond, \$28,875. Surety, Pacific Coast Casualty Co. Limit, 125 days from Sept.—exclusive of rainy days. Forfeit, \$20. Plans and specifications filed

(3473) SW McCOPPIN & VALENCIA S 75xW 90. Concrete, brick, lumber, carpenter, mill, steel, sheet metal work, plumbing, plastering, painting and finishing, glass and glazing, hardware and roof, etc., for three-

story brick and steel frame class "C" building.

Owner.....Carpenters' Hall Ass'n., Inc., 804 Mission, S. F.

Architect...Charles Paff & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...Robert Dewar & Son, 899 Fell, San Francisco.

Filed Sept. 20, '13. Dated Sept. 16, '13.

On 1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$33,533

Bond, \$16,750. Sureties, J. W. Miller & John D. McGilvray. Limit, 100 days from Sept. 16, 1913, exclusive of rainy days. Forfeit, \$15. Plans and specifications filed.

(3474) N ANZA 51-8 E 24th Ave. All work for one and one-half-story and basement frame residence.

Owner.....John F. Haner, 3579 19th, San Francisco.

Architect...Plans by Owner.

Contractor...Jas. Tarbett and Fred Knott, 2332 Clement, S. F.

Filed Sept. 20, '13. Dated Sept. 15, '13.

Frame up & roof rafters on..... 434.35
Brown coated and rough plumb- ing in..... 434.35

Completed and accepted..... 434.35
Usual 35 days..... 434.40

TOTAL COST, \$1737.00

Bond, \$868.70. Surety, J. J. Bell Limit 60 days. Forfeit, \$2. Plans and specifications filed.

(3475) N CALIFORNIA 112-6 W Spruce All work for two-story frame store and flat.

Owner.....John F. Haner, 3579 19th, San Francisco.

Architect...Plans by Owner.

Contractor...Jas. Tarbett and Fred Knott, 2332 Clement, S. F.

Filed Sept. 20, '13. Dated Sept. 17, '13.

Frame up & roof rafters on..... 593.75
Brown coated and rough plumb- ing in..... 593.75

Completed and accepted..... 593.75
Usual 35 days..... 593.75

TOTAL COST, \$2375.00

Bond, \$1187.50. Surety, John J. Bell. Limit, 60 days after Sept. 18. Forfeit, \$2. Plans and specifications filed.

(3476) S PAGE 140 E Fillmore E 25x S 130. All work except plumbing, steam heating, painting, finish hardware, heating fixtures and shades for three-story frame apartments.

Owner.....Wm. Hencke, 25 Beale, San Francisco.

Architect...Falch & Knoll, Hearst Bldg., San Francisco.

Contractor...F. H. Born, 110 Jessie, San Francisco.

Filed Sept. 22, '13. Dated Sept. 20, '13.

Rustic and roof rafters in place..... 1700.00
Ready for lathing..... 1700.00

Plastering completed..... 1600.00
Completed and accepted..... 1860.50

Usual 35 days..... 2290.00
TOTAL COST, \$9150.50

Bond, \$4575.25. Surety, Massachusetts Bonding & Insurance Co. Limit, Jan. 22, '14. Forfeit, \$5. Plans and specifications filed.

(3477) PLUMBING, SEWER AND drainage water and gas piping, furnish and set plumbing fixtures and rough in for fixture apartment on ground floor on above.

Contractor...Wm. P. Goss.

Filed Sept. 22, '13. Dated Sept. 18, '13.

Rough plumbing in, etc..... \$525
Completed and accepted..... 525

Usual 35 days..... 550
TOTAL COST, \$1400

Bond, \$700. Surety, I. Bachmann. Limit, as soon as possible. Forfeit, \$5. Plans and specifications filed.

(3478) PAINTING, TINTING, PAPER and papering on above.

Contractor...Wm. Baldwin, 1920 Clement, San Francisco.

Filed Sept. 22, '13. Dated Sept. 22, '13.

Papering and tinting completed..... 200
Enameling and varnishing com- pleted..... 200

Completed and accepted..... 206
Usual 35 days..... 202

TOTAL COST, \$808

Bond, none. Limit, as fast as possible. Forfeit, \$5. Plans and specifications filed.

(3479) N UNION 195 W Hyde W 25xN 60. All work except painting, plumb- ing, shades and chandeliers to make a two-story frame building (flats).

Owner.....Harriet Mason, 1260 Union San Francisco.

Architect...J. A. Porporato, 619 Wash- ington, San Francisco.

Contractor...E. J. Montgomery, 1315 Broadway, San Francisco.

Filed Sept. 22, '13. Dated Sept. 18, '13.

Rough frame up and roof on..... 500
Brown coated..... 500

Completed and accepted..... 600
Usual 35 days..... 793

TOTAL COST, \$2393

Bond, Guaranty bond in favor of own- er. Sureties, Jno. H. Blackwedel and Chas. Schlesinger. Limit, 90 days.

Forfeit, \$2. Plans and specifications filed.

(3480) S HAIGHT 31-3 E Pierce. Plumbing, gas fitting, steam heating apparatus and hot water circulation system (except range boilers, gas heaters and piping and connections for same) for frame apartment house

Owner.....Charles C. Terrill Estate Co., 1135 Masonic Ave., San Francisco.

Architect...None.

Contractor...The Hill Co., Call Bldg., San Francisco.

Filed Sept. 22, '13. Dated Sept. 17, '13.

On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2510

Bond, limit, forfeit, plans and specifi- cations, none.

(3481) SW ALMA AND SHRADER. Alterations and additions for two story frame building (store and flats)

Owner.....Catherine Cavanagh, 885 Clayton, San Francisco.

Architect...H. O. Alden, 1431 Market, San Francisco.

Contractor...E. J. Roberts, 1394 Masonic Ave., San Francisco.

Filed Sept. 22, '13. Dated Sept. 20, '13.

Frame up and roof on..... 500.00
Enclosed and plastered..... 645.50

Accepted..... 791.00
Usual 35 days..... 645.50

TOTAL COST, \$2582.00

Bond, \$1291. Surety, Fidelity & Deposit Co. of Maryland. Limit, Nov. 30.

Forfeit, \$5. Plans and specifications filed.

(3482) W VERMONT 50 N 20th. One story and basement frame dwelling.

Owner.....Peter Lamotte.

Architect...None.

Day's work. COST, \$800

(3483) NO. 65 SACRAMENTO. Raise floor.

Owner.....Bowers Rubber Works, Premises.

Architect...None.

Contractor...F. G. Jones, 1217 Webster, Oakland.

COST, \$500

(3484) N CRESCENT 50 W Andover. One-story frame store.

Owner.....Wm. Smith, 390 Crescent Ave., San Francisco.

Architect...None.

Day's work. COST, \$700

(3485) SE FOURTH AND MISSION. Electric sign.

Owner.....Alex Vayssie, Premises.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$400

(3486) SW SUMMIT AND CAINE. Add two room and build concrete founda- tion.

Owner.....Thos. Madden, 193 Caine Ave., San Francisco.

Architect...None.

Day's work. COST, \$500

(3487) SE MASON AND EDDY. Elec- tric sign.

Owner.....Meyer Cohn, Premises.

Architect...None.

Contractor...Federal Elec. Sign Co., 237 8th, San Francisco.

COST, \$500

(3488) NO. 1320 NATOMA. Add six rooms with bath over present bldg.

Owner.....J. J. and C. L. Naloud, 19 Hollis, San Francisco.

Architect...None.

Contractor...Geo. W. Simmons, 36 Moss, San Francisco.

COST, \$1000

(3489) NO. 40 EDDY. Minor repairs to restaurant.

Owner.....M. Lager (Lessee), 1920 Post, San Francisco.

Architect...None.

Contractor...Wm. Chynel, 1364 Webster, San Francisco.

COST, \$800

(3490) SW ANDREW & SAN BRUNO. Move and underpin hotel and build concrete retaining wall.

Owner.....Nevell Bros., Premises.

Architect...None.

Day's work. COST, \$800

(3491) NO. 1335 MASONIC AVE. Alter wood steps to brick.

Owner.....L. Foster, Premises

Architect...None.

Contractor...Anderson & Rainey, 150 Jessie, San Francisco.

COST, \$400

(3492) NO. 1421 TWENTIETH AVE. Additions.

Owner.....Christine Miller, 225 Tay- lor, San Francisco.

Architect...None.

Contractor...G. Sandberg, 120 Pierce, San Francisco.

COST, \$800

(3493) E TWENTY-NINTH AVE 100
S Clement. One-story and basement
brick and frame church.
Owner.....St. Peter's Episcopal
Church, 2225 Jones, S. F.
Architect...None.
Contractor...Brandon & Lawson, Hearst
Bldg., San Francisco.
COST, \$10,000

(3494) NO. 324 COLLINGWOOD. Re-
pair dwelling.
Owner.....F. C. Birkenstock and wife,
Premises.
Architect...None.
Contractor...J. A. MacKinnon, 455 Dia-
mond, San Francisco.
COST, \$500

(3495) W UTAH 91-6 N 15th N 46x
W 100. Carpentry, concrete, roofing,
etc., for alterations and additions to
building.
Owner.....Tamm & Nolan Co., 151
Potrero Ave., S. F.
Architect...Leo J. Devlin, Pacific
Bldg., San Francisco.
Contractor...Stanquist & Forbes, 681
Market, San Francisco.
Filed Sept. 23, '13. Dated Sept. 23, '13.
Concrete completed and stripped
of forms\$700
Completed and accepted..... 456
Usual 35 days..... 386
TOTAL COST, \$1542
Bond, none. Limit, 30 days. Forfeit,
\$5. Plans and specifications filed.

(3496) S WASHINGTON 98-9 W Front
W 30xS 120. All work for four-story
and basement reinforced concrete
building.
Owner.....Bianchi Poultry & Produce
Co., 317 Washington, S. F.
Designer...J. Grace.
Contractor...F. Rolandi, 550 Montgom-
ery, San Francisco.
Filed Sept. 23, '13. Dated Aug. 27, '13.
1st floor joists poured.....\$5134.50
3rd floor joists poured in..... 5134.50
Roof on 5134.50
Accepted 5134.50
Usual 35 days..... 6346.00
TOTAL COST, \$27,384.00
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(3497) S GREEN 77-6 E Montgomery
Labor and carpenter work for 12
apartments.
Owner.....A. Penziner, 2981 26th,
San Francisco.
Architect...None.
Contractor...Johnson & Hatland, 1513
Church, San Francisco.
Filed Sept. 23, '13. Dated Sept. 17, '13.
Roof on\$500
Brown coated 500
Completed 500
TOTAL COST, \$1500
Bond, none. Limit, 90 days after Sept.
18. Forfeit, none. Plans and specifica-
tions, none.

(3498) NO. 210 TWENTY-SEVENTH.
Add one room and shingle dwelling.
Owner.....W. J. O'Neill, Premises.
Architect...None.
Day's work. COST, \$400

(3499) NO. 354 GEARY. Erect mar-
quise.
Owner.....Mr. Solarl, Premises.
Architect...None.
Contractor...S. F. Art Glass Works,
Inc., 853 Mission, S. F.
COST, \$700

(3500) SE MORSE 90 E Newton. One
story and basement frame dwlg.
Owner.....R. A. McAfee.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$1000

(3501) NO. 554 MARKET. Alter
ground floor.
Owner.....John Ferris, 577 Market,
San Francisco.
Architect...None.
Contractor...Brunswick, Balke, Col-
lender Co., 767 Mission,
San Francisco.
COST, \$450

(3502) SE GREENWICH & PIERCE.
Concrete foundation.
Owner.....A. Craviotto, 2331 Franklin
San Francisco.
Architect...None.
Contractor...J. Polati, 2327 Greenwich,
San Francisco.
COST, \$1000

(3503) NOS. 1301 TO 1305 OCTAVIA.
Repair fire damage and tar and
gravel roof.
Owner.....Mrs. E. G. Buckley, 1704
Central Ave., S. F.
Architect...None.
Contractor...R. Ferguson, 1672 Geary,
San Francisco.
COST, \$500

(3504) NO. 5087 MISSION. Alter
store and flat.
Owner.....Chas. P. Nosstrom, Prem.
Architect...None.
Day's work. COST, \$1650

(3505) E LAIDLIEY 95-16 N Fairmount
One and one-half-story and base-
ment frame dwelling.
Owner.....Louis Lakegard, 183 Laid-
ley, San Francisco.
Architect...None.
Day's work. COST, \$1000

(3506) E TWENTY-FOURTH AVE
175 S Lincoln Way. Two-story and
basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.
Day's work. COST, \$1950

(3507) SW FOUNTAIN AND 24TH
One-story and basement frame dwlg.
Owner.....Simo Kapetanovic, 1165
De Haro, San Francisco.
Architect...None.
Day's work. COST, \$500

(3508) NO. 1259 NINTH AVE. Electric
sign.
Owner.....F. R. Macauley, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

(3509) NO. 1329 CLAY. Finish one
room and plumbing work.
Owner.....Mrs. L. K. Emery, Prem.
Architect...W. G. Hind, 46 Kearny,
San Francisco.
Day's work. COST, \$400

(3510) S CASELLI 264-8 W Douglass.
Two-story and basement frame
dwelling.
Owner.....Alfred Johnson, 2423 Cle-
ment, San Francisco.
Architect...None.
Day's work. COST, \$1900

(3511) S CASELLI 239-8 W Douglass.
Two-story and basement frame dwlg.
Owner.....Alfred Johnson, 2423 Cle-
ment, San Francisco.
Architect...None.
Day's work. COST, \$1900

(3512) W FORTY-FOURTH AVE 300
S Balboa. Two-story and basement
frame residence.
Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$2000

(3513) W FORTY-FOURTH AVE 266
S Balboa. Two-story and basement
frame residence.
Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$2000

(3514) W FORTY-FOURTH AVE 232
S Balboa. Two-story and basement
frame residence.
Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$2000

(3515) W FORTY-FOURTH AVE 198
S Balboa. Two-story and basement
frame residence.
Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$2000

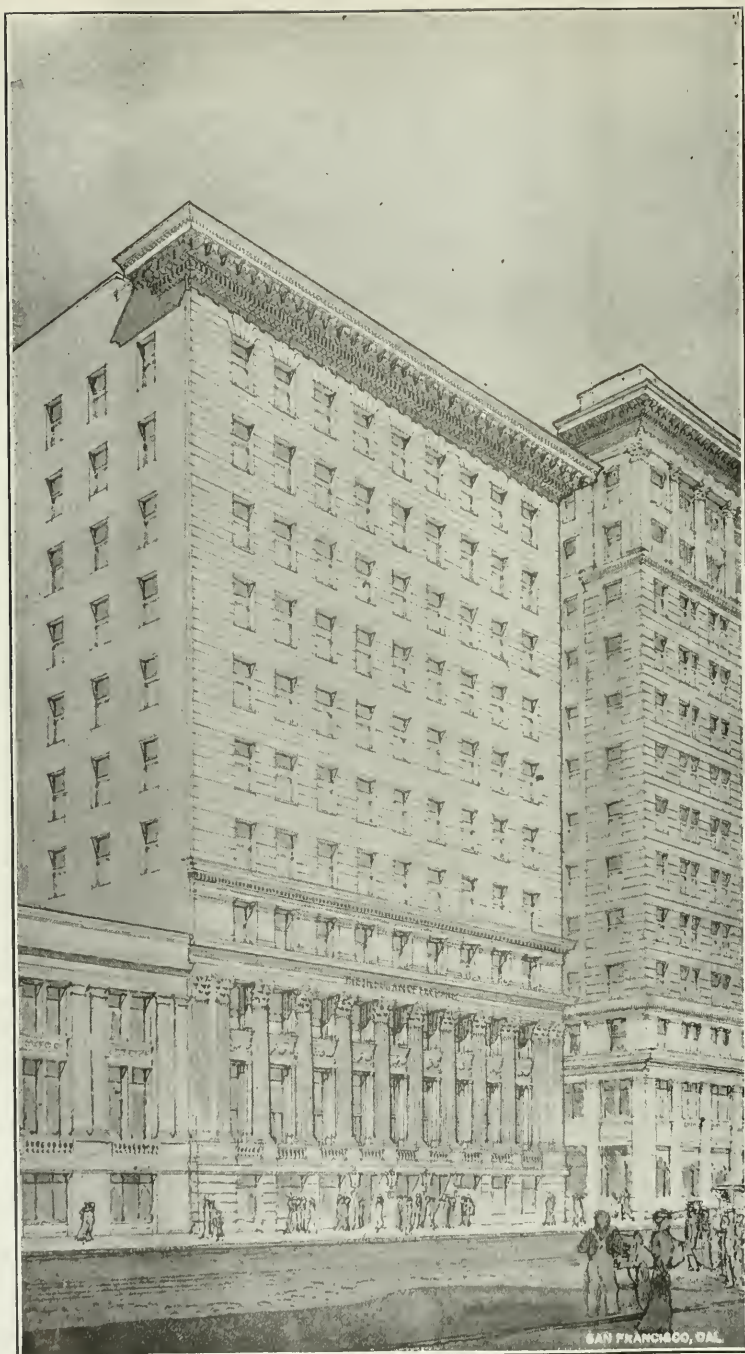
(3516) W FORTY-FOURTH AVE 164
S Balboa. Two-story and basement
frame residence.
Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$2000

(3517) W FORTY-FOURTH AVE 130
S Balboa. Two-story and basement
frame residence.
Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$2000

(3518) N PAGE 30 W WEBSTER.
Three-story and basement frame (6)
flats.
Owner.....Rousseau Realty Co., 441
Monadnock Bldg., S. F.
Architect...Rousseau & Rousseau, 441
Monadnock Bldg., S. F.
Day's work. COST, \$10,000

(3519) SW ASHBURY TERRACE AND
Piedmont being Lot 28 Map of Lyon
and Hoag's Sub Ashbury Terrace. All
work for two-story frame residence.
Owner.....Alice D. Hopper, wife Dr.
Wm. C. Hopper, 1456 Page,
San Francisco.
Architect...None.
Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco.

Filed Sept. 24, '13. Dated Sept. 10, '13.
Frame up, roof sheathing on...\$1775
1st coat plaster on..... 1775
Completed and accepted..... 1775
Usual 35 days..... 1775
TOTAL COST, \$7100



INSURANCE EXCHANGE BUILDING NOW COMPLETED.
San Francisco

Willis Polk & Co., Architects
San Francisco



BUILDING FOR D. De BERNARDI & CO.
San Francisco

Righetti & Headman, Architects
San Francisco

Bond, \$3550. Sureties, O. F. Sites and F. H. Ellis. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(3520) NO. 40 EDDY. Alterations and repairs and furnishing fixtures of front and interior of store.

Owner.....Maurice Lager
Architect....None
Contractor..Wm. C. Lynch, 1364 Webster, San Francisco.

Filed Sept. 24, '13. Dated Sept. 20, '13.
The first payments to be 75% of \$300 worth of labor and materials installed in said store as evidenced by bills presented for said amount.....
Balance of 75% to be paid as work progresses.....
Balance on completion.....

TOTAL COST, \$1159
Bond, none. Limit, 14 days. Forfeit, \$15. Bonus of \$50 if work is completed in 10 days. Plans and specifications none.

(3521) SW WASHINGTON & LAGUNA Concrete, iron, damp proofing, sheet metal and vault light work for concrete garage.

Owner.....Leon Guggenheim, Mills Bldg., San Francisco.
Architect...Sylvain Schnaittacher, 1st National Bank Bldg., S. F.

Contractor..California Concrete Co., 14 Montgomery, San Francisco
Filed Sept. 24, '13. Dated Sept. 19, '13.

Completed and accepted.....\$1316
Usual 35 days.....439

TOTAL COST, \$1755
Bond, \$878. Sureties, Louis M. Getz and H. Anixter. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3522) GORE COR. MARKET AND O'Farrell and Grant Ave. Cleaning and washing down of exterior terra cotta and painting of exterior wood and iron work, etc., of Phelan Bldg.

Owner.....James D. Phelan, Phelan Bldg., San Francisco.
Architect...None.
Contractor..Wm. H. Tessier, 2407 Sacramento, San Francisco.

Filed Sept. 24, '13. Dated Sept. 20, '13.
1/2 work completed.....25%
Completed and accepted.....50%
Usual 35 days.....25%

TOTAL COST, \$1500
Bond, \$750. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Specifications only filed.

(3523) NOS. 1629, 1631, 1633 LARKIN. Alterations and additions to three-story frame building.

Owner.....D. J. A. O'Keefe.
Architect...Ross & Burgren, 310 California, San Francisco.

Contractor..Theo. S. Holm, 1568 Clay, San Francisco.
Filed Sept. 24, '13. Dated Sept. 13, '13.

All new partitions set.....\$660
White coated.....750
Completed and accepted.....750
Usual 35 days.....750

TOTAL COST, \$2910
Bond, \$1455. Sureties, H. J. Perazzi and Chas. J. Morrison. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

(3524) N BROADWAY 137-6 E Taylor 27-6x137-6. Trenching, grading, leveling, brick, concrete, cement, carpenter, roofing, mill and stair, terrazzo, marble, glazing, hardware, etc. for two-story and 3-story frame buildings.

Owner.....C. Large.
Architect...Jules Godart, 635 Montgomery, San Francisco.

Contractor..W. L. Terry, 2948 Octavia, San Francisco.
Filed Sept. 24, '13. Dated Sept. 23, '13.

Frame and roof sheathing in.....\$2200
Brown coated.....2200
Completed and accepted.....2229
Usual 35 days.....2250

TOTAL COST, \$8879
Bond, \$4439. Sureties, Walter F. Terry and Jno. H. Powers. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3525) SW BROADWAY AND GRANT Ave W 117-6 S 100 W 20 S 37-6 E 137-6 th 137-6 to beg. All work except steam, heating, plumbing, plumbing fixtures and gas fitting, finish hardware for three-story and basement Class "C" rooming house.

Owner.....Mary Marsicano, 781 Green San Francisco.
Architect...Owner.

Contractor..Mulcahy Bros., 180 Jessie, San Francisco.
Filed Sept. 24, '13. Dated Sept. 22, '13.

Concrete finished to 1st floor level.....\$5225
2nd floor joists in.....5514
3rd floor joists in.....5514
Completed and accepted.....5514

36 days after.....17600
TOTAL COST, \$70,370
Bond, \$35,200. Sureties, L. B. Sibley and Bridget Mulcahy. Limit, 6 months. Forfeit, \$50. Plans and specifications filed.

(3526) ELECTRICAL WORK ON above.

Contractor..H. S. Tittle, 245 Minna, San Francisco.
Filed Sept. 24, '13. Dated Sept. 22, '13.

Conduit in.....\$628
Wire in.....628
Completed and accepted.....628
Usual 35 days.....628

TOTAL COST, \$2512
Bond, \$1256. Surety, The Title Guaranty & Surety Co. Limit, 6 months. Forfeit, \$50. Plans and specifications filed.

(3527) STEAM HEATING ON ABOVE. Contractor..Kiernan & O'Brien, 1754 Mission, San Francisco.

Filed Sept. 24, '13. Dated Sept. 22, '13.
Roughed in.....\$1612.50
Completed and accepted.....806.25
Usual 35 days.....806.25

TOTAL COST, \$3225.00
Bond, \$1613. Surety, Fidelity & Deposit Co. of Maryland. Limit, 6 months. Forfeit, \$10. Plans and specifications filed.

(3528) PLUMBING, SEWERING, GAS fitting and plumbing fixtures on above.

Contractor..The J. Looney Co., 85 City Hall Ave., San Francisco.
Filed Sept. 24, '13. Dated Sept. 22, '13.

Roughed in.....\$2822.00
Completed and accepted.....2821.75
Usual 35 days.....1881.25

TOTAL COST, \$7525.00
Bond, \$3763. Surety, Equitable Surety Co. Limit, 6 months. Forfeit, \$10. Plans and specifications filed.

(3529) NW JACKSON AND SCOTT N 127-8 1/2 W 137-6. Structural steel and cast iron work for three-story brick and frame building.

Owner.....Academy of the Sacred Heart.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor..Schrader Iron Works, 1247 Harrison, San Francisco.

Filed Sept. 25, '13. Dated Sept. 22, '13.
On 1st and 15th of each month 75%
Usual 35 days.....25%

TOTAL COST, \$7430
Bond, \$4000. Sureties, Wm. Camp and Chas. A. Carillon. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.

(3530) BASEMENT FLOOR, GARDEN walks, steps, fire proofing and window lintels on above.

Contractor..Camp & Carillon, 4075 17th, San Francisco.
Filed Sept. 25, '13. Dated Sept. 20, '13.

Payments same as above.....
TOTAL COST, \$995
Bond, \$500. Sureties, M. V. Brady and Otto Schrader. Limit, 30 days after notice. Forfeit, \$25. Plans and specifications filed.

(3531) REMOVAL OF CARRIAGE drive, excavation and concrete on above.

Contractor..Camp & Carillon, 4075 17th, San Francisco.
Filed Sept. 25, '13. Dated Sept. 20, '13.

Payments same as above.....
TOTAL COST, \$3573
Bond, \$2000. Sureties, M. V. Brady and Otto Schrader. Limit, 20 days after completion of steel frame. Forfeit, \$25. Plans and specifications filed.

(3532) CARPENTRY, JOINERY, MILL hardware, ventilators, stairs, tiling, electrical work, sheet metal, roofing paper, and plumbing on above.

Contractor..Daniel Powers, 2977 Clay, San Francisco.
Filed Sept. 25, '13. Dated Sept. 19, '13.

Payments same as above.....
TOTAL COST, \$17,930
Bond, \$9000. Sureties, M. V. Brady and Andrew Lynch. Limit, 30 days after plaster done. Forfeit, \$25. Plans and specifications filed.

(3533) PAINTING AND CLEANING down in connection with brick, terra cotta and stone work on above.

Contractor..Ferdinand Wagner, 609 Waller, San Francisco.
Filed Sept. 25, '13. Dated Sept. 19, '13.

Payments same as above.....
TOTAL COST, \$180
Bond, none. Limit, 10 days after notified. Forfeit, \$25. Plans and specifications filed.

(3534) BRICK, TERRA COTTA, FIRE proofing, stone and certain iron work on above.

Contractor..Ferdinand Wagner, 609 Waller, San Francisco.
Filed Sept. 25, '13. Dated Sept. 19, '13.

Payments same as above.....
TOTAL COST, \$4994
Bond, \$3500. Surety, Northwestern Surety Insurance Co. Limit, 40 days after completion of steel frame. Forfeit, \$25. Plans and specifications filed.

(3535) NE GENEVA AVE 187 SE Huron Ave SE 30xNE 80 Ptn Lot 4 Bk 3 West End Map 1. All work for one-story frame cottage.

Owner.....Wm. and Virginia Varni.
Architect....None.
Contractor..John Cerdas, 358 Vienna, San Francisco.

Filed Sept. 25, '13. Dated Sept. 24, '13.

Foundations in\$660
 Frame up 660
 Brown coated 660
 Completed 660
 Usual 35 days..... 660
TOTAL COST, \$3300

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(3536) NOS. 455 TO 459 LINDEN AVE.
 All work for two flat frame building,
 27-6x47.

Owner.....A. T. Haynes and F. C. Moore.

Architect...Plans by Contractor.
 Contractor...F. C. Moore, 112 Eureka, San Francisco.

Filed Sept. 25, '13. Dated Sept. 16, '13.
 Frame up\$665
 Ready for plasseer..... 665
 Plaster finished 665
 Usual 35 days..... 665
TOTAL COST, \$2650

Bond, none. Limit, 75 days after Oct. 1, 1913. Forfeit, none. Plans and specifications, none.

(3537) NW GEARY AND VAN NESS
 Ave N 275xW 157-6. Hardwood floors
 for two-story Class "C" auto show
 room and store building.

Owner.....Van Ness Realty Co.
 Architect...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.

Contractor...Pacific Floor Sanding Co.,
 144 12th, San Francisco.

Filed Sept. 25, '13. Dated Aug. 28, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$2100

Bond, \$1050. Sureties, L. Lowengrund
 and M. S. Neuggass. Limit, 10 days after
 building ready. Forfeit, none. Plans
 and specifications, none.

(3538) N CALIFORNIA 77-6 W Front
 W 60-8½xN 127-6. Concrete vaults
 above 1st floor and all underflooring
 for marble tile or mosaic floors for
 six-story and basement building.

Owner.....The Hind Estate Co., 310
 California, San Francisco.

Architect...John Held Jr., 310 California,
 San Francisco.

Contractor...T. W. McClenahan & Co.,
 333 16th Ave., S. F.

Filed Sept. 25, '13. Dated Sept 24, '13.
 On 15th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$2655

Bond, \$1330. Surety, American Surety
 Co. Limit, 35 days. Forfeit, \$10.
 Plans and specifications filed.

(3539) N SUTTER 100 W Powell 37-6
 x137-6. Concrete work for eight-
 story hotel building.

Owner.....M. D. Grosh, Louise M.
 Sage and E. G. Larzelere,
 809 Mills Bldg., S. F.

Architect...L. A. Norris C. and N. W.
 Sexton, Chronicle Bldg.,
 San Francisco.

Contractor, James L. Brown, Inc.

Filed Sept. 25, '13. Dated Sept. 22, '13.
 On 1st and 15th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$22,600

Bond, none. Limit, 75 days. Forfeit,
 \$25. Plans and specifications filed.

(3540) SW FILLMORE & GREEN-
 wich S 24xW 100. Alterations and
 additions to two frame buildings.

Owner.....Blucher-Ethen Co., 319
 Fillmore, San Francisco.

Designer...Harry E. Nye.
 Contractor...Wm. Horstmeier Co., 39
 Eureka, San Francisco.

Filed Sept. 25, '13. Dated Sept. 23, '13.

On completion of roof.....\$337.50
 Completion of flooring..... 337.50

Usual 35 days..... 337.50
 Usual 35 days..... 337.50
TOTAL COST, \$1350.00

Bond, none. Limit, 40 days. Forfeit,
 \$10. Plans and specifications filed.

(3541) SW GEARY AND MASON.
 Electrical work for two-story and
 basement Class "C" cafe building.

Owner.....Alfred Solari.
 Architect...Righetti & Headman,
 Phelan Bldg., S. F.

Contractor...Standard Elec. Constr. Co.,
 60 Natoma, San Francisco.

Filed Sept. 25, '13. Dated Sept. 25, '13.
 Electric work completed ready
 for wire lathers\$ 500

Completed and accepted..... 810
120 days after..... 1000
TOTAL COST, \$2310

Bond, \$1150. Sureties, Allan St. J.
 Bowie and R. J. Davis. Limit, none.
 Forfeit, \$50. Plans and specifications
 filed.

(3542) NOS. 2651-2653 HARRISON.
 Raise dwelling, add concrete founda-
 tion and general repairs.

Owner.....Louis A. Valentine, Prem.
 Architect...None.

Day's work. **COST, \$500**

(3543) N KING 340 W Second. Erect
 retaining wall and foundation.

Owner.....Warehouse Invst. Co., 62
 Pine, San Francisco.

Architect...None.
 Day's work. **COST, \$800**

(3544) NO. 2321 VAN NESS AVE. One
 story frame private garage.

Owner.....H. J. Evans, 3203 Pierce,
 San Francisco.

Architect...None.
 Contractor...Carnahan & Mulford, 45
 Kearny, San Francisco.

COST, \$400

(3545) NO. 1647 POST. Minor repairs
 to building.

Owner.....Isabel Haquette, Belmont,
 San Mateo Ca., Cal.

Architect...None.
 Contractor...H. Hadeshim, Premises.

COST, \$400

(3546) NO. 20 PALM AVE. Enclose
 porch.

Owner.....A. P. Jacobs, Premises.
 Architect...None.

Contractor...Thos. Hamill, 268 25th Ave.,
 San Francisco.

COST, \$500

(3547) NO. 161 LOWELL One-story
 and basement frame dwelling.

Owner.....R. H. Parkison, 1073 Treat
 Ave., San Francisco.

Architect...None.
 Day's work. **COST, \$500**

(3548) SE THIRD AND STEVENSON.
 Erect oven with patent chimney.

Owner.....Bruno Enderlein & Co.,
 Premises.

Architect...None.
 Contractor...Mulcahy Bros., 180 Jessie,
 San Francisco.

COST, \$100

(3549) NO. 1141 FILBERT. Dig
 trench for concrete wall.

Owner.....Mrs. S. Spalsberry, 1
 Filbert, San Francisco.

Architect...None.

Contractor...A. and T. Armorsen Co.,
 1915 15th, San Francisco.

COST, \$400

(3550) NO. 575 FIFTH AVE. Alter
 residence.

Owner.....M. H. Lafabregue, Prem.
 Architect...None.

Contractor...A. B. Arthur, 1242A 2nd
 Ave., San Francisco.

COST, \$1000

(3551) NW SUTTER AND STOCKTON
 Underpin stores.

Owner.....Crocker Est. Co., Crocker
 Bldg., San Francisco.

Architect...None.
 Contractor...C. H. Hork, 180 Jessie,
 San Francisco.

COST, \$100

(3552) S HOUSTON 77-9 W Columbus
 Ave. One-story frame wine storage
 room.

Owner.....G. Cuneo, 635 Bay, S. F.
 Architect...None.

Contractor...M. Cavaglia, 946 Green-
 wich, San Francisco.

COST, \$500

(3553) W THIRTY-THIRD AVE 200
 N Taraval. Two-story and basement
 frame dwelling

Owner.....L. L. Cooke, 2500 32d Ave.,
 San Francisco.

Architect...None.
 Day's work. **COST, \$1500**

(3554) W TWENTY-SECOND AVE 275
 S Lake. Two-story and basement
 frame residence.

Owner.....James Welsh, 244 20th Ave.,
 San Francisco.

Architect...None.
 Day's work. **COST, \$3000**

(3555) GORE MARKET AND TURK.
 Metal sign.

Owner.....Wm. E. Dean, Kohl Bldg.,
 San Francisco.

Architect...None.
 Contractor...J. Chas. Green, 273 Val-
 encia, San Francisco.

COST, \$1000

(3556) SE BAKER AND PACIFIC
 Ave. Reshingle roof.

Owner.....Peter F. Dunne, SW Clay
 and Cherry, S. F.

Architect...None.
 Contractor...Geo. Healing, 3665 Sac-
 ramento, San Francisco.

COST, \$400

(3557) NO. 57 SHOTWELL. Raise
 and add one room and foundation.

Owner.....J. H. Hudson, Premises.
 Architect...None.

Day's work. **COST, \$400**

(3558) W SECOND AVE 125 — Lake.
 Brick foundation and raise peak on
 roof.

Owner.....G. B. Ludlow, 234 5th Ave.,
 San Francisco.

Architect...None.
 Contractor...Geo. Schmidt, 77 Blake,
 San Francisco

COST, \$500

(3559) NO. 85 MANILLA. Electric
 sign.

Owner.....Sam Zanovich, Premises.
 Architect...None.

Contractor...Molse-Klinkner, 1212 Mar-
 ket, San Francisco.

COST, \$400

(3560) N CHENERY 338 W Roanoke. One and one-half-story and basement frame dwelling.
Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.
Architect...None.
Contractor...Emil Nelson, 580 Jersey, San Francisco.
COST, \$2000

(3561) E EIGHTEENTH AVE 134-4 S Lake. Two-story and basement frame dwelling.
Owner.....Thos. Vodden & Son, 1015 Cole, San Francisco.
Architect...Walter Vodden, 1015 Cole, San Francisco.
Day's work. COST, \$5000

(3562) N ANZA 65 W 11th Ave. Add private garage in basement.
Owner.....J. R. Billington, 499 11th Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(3563) E RHODE ISLAND 104 S 15th. One-story and basement frame dwlg.
Owner.....J. Shipper, 71 Brosnan, San Francisco.
Architect...None.
Day's work. COST, \$800

(3564) NO. 241 COTTER. One-story and basement frame dwelling.
Owner.....T. Cesta, Premises.
Architect...None.
Day's work. COST, \$500

(3565) NO. 365 TWENTY-SIXTH AVE. Add two rooms.
Owner.....Chas. Weaver, Premises.
Architect...None.
Day's work. COST, \$600

(3566) NO. 221 MASON. Minor repairs in saloon and new partition.
Owner.....Bernard Berg, Premises.
Architect...None.
Contractor...Brunswick, Balke, Colender Co., 767 Mission, San Francisco.
COST, \$400

(3567) NOS. 1121-1123 PIERCE. Alter front and build new terrazzo steps.
Owner.....J. Kaepke, 1305 Devisadero San Francisco.
Architect...None.
Contractor...F. Zetterholm, 2064 Ellis, San Francisco.
COST, \$500

(3568) NO. 46 ARLETA AVE. Add two rooms.
Owner.....H. Aexelsen, Premises.
Architect...None.
Day's work. COST, \$400

(3569) NO. 2108 SCOTT. Alter front and repair roof and porch.
Owner.....Mrs. H. L. E. Meyer, 2724 Pacific, San Francisco.
Architect...None.
Contractor...Theo. Hoin, 1449 Hyde, San Francisco.
COST, \$900

(3570) SE TAYLOR AND EDDY. Electric sign.
Owner.....Marshall Lewis, Premises.
Architect...None.
Contractor...Federal Sign System, 237 8th, San Francisco.
COST, \$400

(3571) NO. 131 ARKANSAS. Underpinning and ratproof basement.

Owner.....A. Firpo.
Architect...None.
Day's work. COST, \$400

(3572) W EIGHTEENTH AVE 100 N Fulton 25x120. Alterations and additions to two-story and basement frame residence moved from Fulton street.

Owner.....H. H. Somers.
Architect...None.
Contractor...Ellingson & Holt, 3877 26th, San Francisco.
Filed Sept. 27, '13. Dated Sept. 26, '13.
House moved and frame up...\$457.75
Brown coated 457.75
Finished and accepted..... 457.75
Usual 25 days..... 457.75
TOTAL COST, \$1831.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE:—Specifications give owner's name as Summers.

(3573) NE FULTON AND PARKER AVE E 175xN 275. Inside stair work for brick church building.
Owner.....The President and Board of Trustees of St. Ignatius College (cpn).
Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor...John A. M. Boller, 11th & Bryant, San Francisco.

Filed Sept. 2, '13. Dated Sept. 23, '13.
On 1st and 15th of each month commencing Oct. 15th..... 75%
Usual 35 days, 25%.....\$657
TOTAL COST, \$2628

Bond, \$1400. Sureties, William Camp and Henry Bornholdt. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.

(3574) S EIGHTEENTH, bet Collingwood and Castro 50x100; Nos. 4125 to 4131 15th. Alterations and additions except painting, gas fixtures and shades to frame stores.

Owner.....August Stolz, 4137 15th, San Francisco.
Architect...Plans by Contractor.
Contractor...Wm. Horstmeyer Co., 39 Eureka, San Francisco.

Filed Sept. 27, '13. Dated Sept. 25, '13.
Grading and concrete foundations done\$831.25
Plastering done \$31.25
Completed \$31.25
Usual 35 days..... \$31.25
TOTAL COST, \$925.00

Bond, none. Limit, Nov. 25. Forfeit, none. Plans and specifications filed.

(3575) NW EMBARCADERO & CL NW 142 m or l W 35 m or l S 115 E 117-6 m or l. All work for one-story and basement Class "C" bldg.

Owner.....Chas. H. Holbrook Jr. and Wm. L. McGulre.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...Thos. H. Day's Sons, Monadnock Bldg., S. F.

Filed Sept. 27, '13. Dated Sept. 27, '13.
Concrete to side walk level.....\$597
Brick work completed..... 597
Roof, floors and partitions in..... 598
Completed and accepted..... 4598
Usual 35 days..... 6530
TOTAL COST, \$26,520

Bond, none. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

Sept. 25, 1913—SW SAN BRUNO AVE and S Andrew SE 41-8 m or l SW

to Army W to S Andrew NE 253-8x12 m or l. Morris, Henry and Albert Windt as to improvements on leased property.....
Sept. 25, 1913—SE ARMY AND SAN BRUNO AVE E 139-24 SE 225 m or l W 187-S N 185-3 m or l. Sunset Tanning Co as to improvements on leased property

NOTICE OF NON-LIABILITY.

Sept. 24, 1913—W SAN BRUNO AVE 200 S 25th S 100xW 100; W San Bruno Ave 433 S 25th S 100xW 100; E San Bruno Ave 511 S 25th S 317 m or l NE 70 SE 50 SW to N Army E to W Vermont N 325 W 100 S 50 W 100; E San Bruno Ave 250 S 25th S 50xE 100. Morris Windt, Henry Windt and Albert Windt as to improvements on leased property....

NOTICE OF NON-RESPONSIBILITY.

Sept. 23, 1913—NW EDDY & GLASGOW (Anna Lane) W 25xN 65-6. Hannah Rosenthal, Amelia Waterland, Fannie Bernhard and Rose Oser as to improvements on leased property

NOTICE OF NON-LIABILITY.

Sept. 26, 1913—N McALLISTER 62-6 E Leavenworth E 75 N 137-6 W 137-6 S 20 E 62-6 S 117-6. Estate Geo A Storey, decd, Carry B Robertson, Lizzie R Maynard, John Corb, Lessee; Savoy Theatre Co, Sub-Lessee as to improvements on leased property.....

BUILDING OPERATIONS.

Private building activities throughout the city from September 5th to the 19th, inclusive, as reported by the Bureau of Building Inspection of the Board of Public Works, are as follows:
Class. No. of Bldgs. Amount
Class "B" 3 \$122,500
Class "C" 5 39,500
Frames 75 211,645
Alterations145 76,979
Total228 \$804,624

COMPLETION NOTICES.

San Francisco.

Sept. 17, 1913—SE BALBOA AVE and Ocean Blvd 50 on Balboa Ave and 100 on Ocean Blvd. J A Raggett to Robert Dewar & Son.....
.....Aug. 22, 1913
Sept. 20, 1913—S FELL 134 W Polk W 21 S 135-24 NE38-24 N 112-104 P J McGovern to Rainey & Phillips
.....Sept. 13, 1913
Sept. 20, 1913—SW O'FARRELL & Jones W 49-6 S 68-9 W 22 S 22 E 71-6 N 90-9. J M Kane and W J Yore to whom it may concern.....
.....Sept. 17, 1913
Sept. 22, 1913—S HAIGHT 87-6 E Broderick 25x110. F C Cook to whom it may concern.....Sept. 20, 1913
Sept. 22, 1913—SW SIXTEENTH & Delon S 50 W 27 S 3 W 28 N 53 E 55. C F Horrung to Chas Fernsworth and F F Holl.....Sept. 22, 1913
Sept. 22, 1913—NW GEARY & POLK W 82-6xN 120. Pierce-Arrow Sales Co to J D Hannah (two completion notices filed).....Sept. 20, 1913
Sept. 22, 1913—NW VAN NESS AVE

and Post N 120xW 139-9. The Hecht Invest Co to National Electric Co.Sept. 12, 1913

Sept. 22, 1913—E THIRTIETH AVE 225 N Clement N 25x E 120. Charles M Welle to Cleeve Carson & SonsSept. 10, 1913

Sept. 22, 1913—N EIGHTEENTH 165 E Danvers E 25xN 86. Annie Keegan to Geo D GillmoreSept. 15, 1913

Sept. 22, 1913—W FOURTH AND Jessie NW 75xSW 75. Mary L Phelan to Judson Mfg Co.Sept. 17, 1913

Sept. 23, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Michael MurphySept. 17, 1913

Sept. 23, 1913—N PACIFIC 114-6 W Jones 23x60. A Corbelli to V FilippioSept. 23, 1913

Sept. 23, 1913—W FIFTEENTH AVE 100 N Judah N 25xW 127-6. Anders Emil Olsen to H Nelson.Sept. 23, 1913

Sept. 23, 1913—SE HYDE & GEARY E 68-84xS 97-6. Sarah A Bryan to George Bernard. Sept. 18; William Schafter. Sept 18; Fennell & WandSept. 18, 1913

Sept. 24, 1913—LOT 12 BLK "D" Mission Terrace. James P Fletcher to whom it may concern.Sept. 24, 1913

Sept. 24, 1913—E NINTH AVE 50 N Ortega N 25x E 100. August H Johnson to William G Zupar.Sept. 23, 1913

Sept. 24, 1913—SE LONDON 242 SW Brazil Ave SW 33xSE 100; Lot 2 Blk 12 Excel Hd Ass'n. Robert E Haines to whom it may concern.Sept. 1, 1913

Sept. 24, 1913—SW ELEVENTH AVE and Lake. Chas E and Mary A Ellis to whom it may concern.Sept. 15, 1913

Sept. 24, 1913—S WASHINGTON 110 E Webster E 27-6xS 127-84. Mrs Benj Wood or Alice G Wood to Sept 25, 1913—N JACKSON 97-6 E Locust N 127-84x E 40. Kate and Alexander D Keyes to Mealey & Collins.Sept. 16, 1913

Sept. 25, 1913—S TWENTY-SECOND 120 W Sanchez W 50xS 114. Emil and Elsie Nelson to whom it may concern.Sept. 5, 1913

Sept. 25, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to The Daniel O'Day Co.Sept. 23, 1913

Sept. 25, 1913—W STOCKTON 235-6 N Sutter — E 3 S 28-6 E 60 N 38-6. Dudley F. Eliza J. Harry K and Geo Fish to Jacobsen-Bade Co and K G Lundstrm.Aug. 26, 1913

Sept. 25, 1913—N WASHINGTON 261-33 E from NW Washington & Kearny N 112 NE 14 SE 156-34 W 110-47. Macdonald & Kahn and Elise A Drexler to Clinton Fireproofing Co.Sept. 20, 1913

Sept. 25, 1913—SE POST AND JONES Niels Larsen to L C and Chris LarsenSept. 25, 1913

Sept. 26, 1913—N HIRSHAWAY 65 W Broderick W 60xN 137-6. Samuel H Boardman to John G Sutton Co.Sept. 15, 1913

Sept. 26, 1913—NE WASHINGTON & Octavia E 137-6xN 127-84. A B Spreckels to Butte Elec & Eng Co.Sept. 17, 1913

Sept. 26, 1913—S CARSON AVE 180 W Douglas 175-113 S 1906. Amelia E Pollard to J T Grace.Sept. 15, 1913

Sept. 26, 1913—N PARNASSUS AVE 127-5 W Willard 50x128-9. Jose-

phine L. Andler to F Crothers.Sept. 26, 1913

Sept. 19, 1913—N CLEMENT 57-6 W 23rd Ave W 25 E 25 N 100 E 25 S 100. W Benn Hocking to Thos Hamill.Sept. 12, 1913

Sept. 19, 1913—NW PACIFIC AND Mason. J or Jos Roger to J M Ploeger.Sept. 19, 1913

LIENS FILED

SAN FRANCISCO COUNTY.

Sept. 17, 1913—SE NINETEENTH & Valencia E 80xS 60. Redwood Manufacturers Co vs W H Bagge and Claude E Gillis and Kenneth C Gillis\$1094.31

NOTE:—Above lien was subsequently released. The Redwood Manufacturers Company desire to announce that the filing of above lien was a mistake.

Sept. 13, 1913—SW SIXTH 12 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 30 SE 18 NE 75. Crane Co vs D R McElroy, H M Hoffman and W L Meusser.\$953.23

Sept. 13, 1913—E DOLORES 76 S 21st S 25x E 90. Mulcahy Bros vs O B Iredstrom and Annie E Conniff.\$92

Sept. 15, 1913—W WOODLAND AVE 150 S Parnassus Ave W 80xS 25 Lot 55 Blk "O" Sunset. California Standard Planing Mill Co vs E Florence Stebbing\$352.95

Sept. 16, 1913—W RAILROAD AVE 26 N 17th Ave (South) N 25xW 100. A Albrits vs Geo Dall Olmo.\$367.50

Sept. 16, 1913—W EMBARCADERO 137-6 S Howard S 45-10xW 137-6. Theodore S Hoin vs Joseph Wagner\$25,289.85

Sept. 17, 1913—S SHORT in Blk 12 Sub No 3 P Pioche and Robinson's Sub. Leonard Lumber Co vs B W Haines and C H Gish.\$34.38

Sept. 17, 1913—SE ELLIS & JONES 55x87-6. J S Guerin and T F Guerin as J S Guerin & Co vs Brandt & Stevens and The Board Realty Co.\$1516.35

Sept. 18, 1913—E FORTY-SEVENTH AVE 260 S Balboa to a pt 360 S Balboa x 120 in depth. W H Yates vs E B Hallett.\$600

Sept. 19, 1913—SW RUSSIA AVE 75 NW Athens NW 25xSW 100. D A Markwith vs Slegmund H Friedrichs\$176.80

Sept. 20, 1913—NW LISBON 125 NE Persia Ave NE 100xNW 100. John A M Boller, \$63; Whittier Coburn Co, \$182.97 vs Atlas Home Makers Cpn\$152.28

Sept. 20, 1913—NW LISBON 125 NE Persia Ave NE 25xNW 100; NW Lisbon 150 NE Persia Ave NE 25x NW 100; NW Lisbon 175 NE Persia Ave NE 25xNW 100; NW Lisbon 200 NE Persia Ave NE 25xNW 100. Martin Nihilil vs Atlas Home Makers Cpn\$152.28

Sept. 23, 1913—W SEVENTH AVE 225 N Irving N 25xW 120. L A Hufschmidt Mfg Co vs E B Hallett, P E and Cora A O'Halloran.\$142.80

Sept. 23, 1913—W SEVENTH AVE 250 N Irving N 25xW 129. L A Hufschmidt Mfg Co vs E B Hallett, and Dorothy B Lee.\$124

Sept. 23, 1913 W SEVENTH AVE 175 N Irving N 50xW 120. L A Hufschmidt Mfg Co vs E B Hallett, John Moronecchi, Emile D Mori and Tene B Mori.\$248

Sept. 23, 1913—W GUEBUERO 183 N 22nd 33x117-6. N O Nelson Mfg Co

vs W H George and John Shears.\$160.35

Sept. 24, 1913—LOT 20 BLK "I" Mission Street Land Co. A A Sauers vs E Restani\$301

Sept. 26, 1913—SW FRONT AND Washington W 68.9xS 60. Santa Cruz Portland Cement Co, \$405.28; vs John Schmidt & Son and Joseph Estate Co; Same vs Same. Same.\$408

OAKLAND AND ALAMEDA

RESIDENCES—2, 2 story and base, frame, \$3,800 each. Oakland, Cal. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. These houses will be erected on Fleming avenue near Seminary avenue, and have been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Open fire places and tile and brick mantels will be used. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchens. Exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$7,000. Piedmont, Alameda Co., Cal. Architect, Joseph T. Carter, Balboa Bldg., S. E. Owner, George Wallace. The dwelling has been designed to contain seven rooms, two baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine, redwood and various hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for a hot water system of heating and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are nearly complete and figures will be called for shortly.

BUNGALOW—1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick Nelson Co., 2925 Addison street, Berkeley. The dwelling will be erected in the Northbrae Tract. There will be seven rooms, bath and sleeping porch. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Thomas C. Huxley. The dwelling, which has been designed for an eight-room house, will be erected in Elmwood Park. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and the wainscot. An automatic water heater will be installed. Exterior of the dwelling will

be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOW—1 story and base, frame. Cost not stated. Oakland, Cal. Architect, A. W. Smith, 1004 Broadway, Oakland. Owner's name withheld. The dwelling will be erected in Haven court, and has been designed to contain seven rooms and bath. Interior will be finished in pine throughout. Living room, dining room and reception hall. There will be a large open fire place in the living room with tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic plaster. Plans are complete and out of figures.

RESIDENCE—2 story and base, frame, \$9,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick Nelson Co., 2925 Addison St., Berkeley. The dwelling is to be erected in Thousand Oaks, and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine, white enamel and hardwoods. There will be furnace heat and open fire places. Mantels will be of brick and tile. Composition floors will be used in the bath rooms. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, E. R. Peake Co., 2127 University Avenue, Berkeley. The dwelling will be erected on Yolo Avenue near Alva, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood and hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOW—1 story and base, frame, \$2,500. Oakland, Cal. Architect, Alvin J. Starr, 100 Broadway, Oakland. Owner, J. L. Black. The dwelling will be erected on Warwick Avenue, and has been designed to contain six rooms and a bath. The finish will be entirely of pine. Hardwood floors will be used in the living room and dining room. There will be open fire place in the living room. Mantel will be of wood. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic plaster. Plans are complete and figures are being taken.

RESIDENCES—2 story and base, frame, \$4,000 each. Fremont, Alameda Co., Cal. Architects, none. Owners, McCall and Duggan Companies and Russell, 2000 Broadway, Oakland. These houses will be erected at the corner of Orange and Russell streets. The houses have been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic plaster. Plans are complete and figures are being taken.

tels will be of tile and brick. Floors in the principal rooms will be of hardwood. Composition flooring and tile wainscot will be used in the bath rooms. Tile will also be used in the kitchen. Automatic water heaters will be installed. Exterior of the house will be covered with rustic plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architects, George Anderson, 3179 College Ave., Oakland. Owner, T. Anderson. The dwelling will be erected on Lawton Avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot and floor in the bath room will be of composition. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BUNGALOW—1 story and base, frame, \$2,500. Oakland, Cal. Architects, Newsom & Dixon, 1841 5th Avenue, Oakland. Owner, P. A. McWilliams. The house will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BUNGALOWS—2 1 story and base, frame, \$500 each. Oakland, Cal. Architects, Newsom & Dixon, 1841 5th Avenue, Oakland. Owner, J. Howard. The two dwellings will each contain five rooms and bath, and will be erected on Surfside Avenue. Interiors will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Exterior will be covered with cement plaster and rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, cost not stated. Piedmont, Alameda Co., Cal. Architects, D. C. Coleman, Merchants National Bank Bldg., S. P. Owner, J. Harey. The dwelling will be erected on a corner site and will contain five rooms and a bath, and even rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a large open fire place and a brick or tile mantel. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Leandro, Alameda Co., Cal. Architects, Newsom & Dixon, 1841 5th Avenue, Oakland. Owner, Max Smith. The house will contain seven rooms and bath. Interior finish will be largely of pine, with some wood veneer and hardwood floor. Plans provide for furnace heat and open fire place. Mantel will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

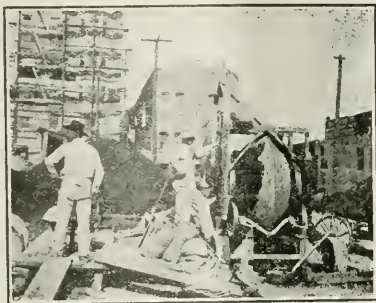
APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architect, none. Owner E. A. Schmidt. The building will be erected on the east side of Harrison street near 14th, and has been designed to contain 50 rooms which will be arranged in two and three room suites. All apartments will have wall beds and private bath rooms. Interior finish will be of pine throughout. Plans provide for furnace heat and a hot water plant. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Plans can be found on the site.

APARTMENT HOUSE—5 story and base, Class C construction, \$70,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. Four sets of plans and specifications are available at this office for figuring the following work on the \$70,000 apartment house which is to be erected in Oakland from plans by C. W. McCall. Plans may be taken from this office in the order in which application is made. Plans are desired on the following work: Plastering, plumbing, glass and glazing, sheet metal work, painting, electric work, brick and masonry, and tile work. This must be by the standards of Architect McCall, Central Bank Bldg., Oakland, by Thursday, October 2nd.

FLATS—2 story and base, frame, \$8,000. Berkeley, Alameda Co., Cal. Architect, C. G. Jordan, 742 Market St., S. P. Owner, N. Andrew, 153 Stuart Street, S. P. The building will be erected on Lewiston Avenue north of Amador, and will contain two modern sets of five room and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire place and tile or brick mantels. Tile will be used in the bath rooms. Exterior of the building will be covered with stucco. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—1 story and base, reinforced concrete, \$70,000. Oakland, Cal. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This building will be known as the Leeward School, and will be erected on East 1st street, between 10th and 11th Avenues. There will be two class rooms, two room and bath rooms, two room and bath rooms, and two room and bath rooms. Interior finish will be of pine with maple floors. Plans provide for a heating and cooling system, and for electric lighting. Stucco exterior work and tile and masonry are called for in the specifications. Ex-

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terior of the building will be faced with cement plaster. Plans have been approved and are now out for figures. Bids will be opened by the Board of Education on October 13th. Plans can be secured from the architect.

STORES—1 story, frame. Cost not stated. Oakland, Cal. Architect, John Hulson Thomas, First National Bank Bldg., Berkeley. Owner, W. J. Schmidt. The building will be erected at the southwest corner of 55th and Telegraph Ave., and will contain one large store. Interior finish will be of pine. There will be plate glass windows in patent store fronts. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

WAREHOUSE—2 story and base, brick and steel. Cost not stated. Oakland, Cal. Architects, Oliver Duval & Son, First National Bank Bldg., Oakland. Owner, Mrs. Hattie Lehnardt. Contractors, Oliver Duval & Son, First National Bank Bldg., Oakland. Contract price not stated.

Building Contracts Awarded Oakland.

2792	Settles	Settles	2250
2793	City of Okl	Tieslau	12935
2795	Corder	Thornally	1700
2801	Drath	Drath	3000
2802	Wiser	Wiser	1600
2802	Wiser	Wiser	1600
2804	Bates	Bates	650
2805	Vretto	Storey	1250
2807	Erickson	Johnson	2775
2808	Robins	Peterson	5363

2810	Chase	Hopper	3664
2811	Yeatman	Broadhead	500
2813	Lehre	Lehre	500
2814	Schmidt	Walker	300
2815	Equitable	Peterson	1200
2818	Trimlet	Trimlet	1600
2821	ones	Graff	2649
2822	Tuttle	Helstrom	2000
2827	Price	Price	2500
2824	Corbus	Corbus	2500
2825	Pleasants	Pleasants	1000
2826	Jespersen	Dippo	2500
2827	Jespersen	Dippo	2500
2828	Abawa	Songy	400
2829	Wieben	Wieben	2400
2830	Owens	Murray	450
2831	Werum	Werum	500
2832	Williams	Williams	500
2833	Mulholland	Jones	2100
2834	Wohlhuter	Peters	2000
2835	Schmidt	Schmidt	2000
2836	Peterson	Judson	1600
2837	Ruckman	Lodge	942
2838	Courtney	Garfield	400
2839	Fisher	Sprague	7000
2840	Hohart	Larmer	2500
2842	Woodward	McPhen	400
2843	Moller	Dingwell	400
2845	Whelan	Lehman	2100
2847	Powell	United	3500
2848	United Hlms.	Owner	2800
2849	Gaffney	Burks	6000
2850	Connelly	Peterson	4691
2851	Lind	Hashman	1600
2852	Beckett	Beckett	500
2853	Trueworthy	Owner	2600
2855	Drago	Drago	400
2856	McDonald	Loeb	500
2857	Marquis	Marquis	1500
2858	Ruckman	Lodge	950
2859	Clark	Peppin	2400
2860	Miller	Peppin	1800
2861	Miller	Scott	2100
2862	Bridge	Hilde	2065
2866	Covall	Hamblet	400
2867	Lutz	Brov	900
2868	Scherching	Russell	1000
2870	Mullarkey	Faulkes	2500
2871	McCluch	Peppin	1900
2872	Kahn	Kulchar	3000
2873	Hilde	Hilde	400
2874	McWilliams	McWilliams	1975
2875	Ritman	McKay	500
2876	Peterson	Home Buyers	1000
2877	Cartrell	Home Buyers	1300
2878	Berk	Robertson	2455
2879	Prenvill	Prenvill	400

(2712) SW WALNUT & RENWICK, Oakland. One-story 7-room dwlg. Owner.....J. E. Settles, 1544 Broadway, Oakland.

Architect...None. COST, \$2250
Day's work.

(2787) NE E-FOURTEENTH AND 12th Ave., Oakland. Two-story 17-room stores, offices and flats.

Owner.....Myrtle B. Sell, SW E-15th and 11th Ave., Bkly.

Architect...None.
Contractor...C. A. Doss, 2028 E-15th, Oakland.

COST, \$9000

(2795) N PENNIMAN AVE 200 W 38th Ave., Oakland. Two-story school. Owner.....City of Oakland.

Architect...John J. Donovan, Security Bank Bldg., Oakland.

Contractor...Tieslau Bros., 2814 Grove, Berkeley.

COST, \$12,935

(2795) NW SEVENTH AND WASHINGTON, Oakland. Fire repairs. Owner.....Thomas Corder, Cor. 12th and Oak, San Francisco.

Architect...None.
Contractor...W. G. Thornally, 3027 E-16th, Oakland.

COST, \$1700

(2801) N FORTY-SECOND 200 E West Oakland. One-story 5-room dwlg. Owner.....Henry Drath, 682 34th, Oakland.

Architect...Chas. Man, Macdonough Bldg., Oakland.

Day's work. COST, \$3000

(2802) W 106TH AVE 200 N Bancroft Oakland. One-story 5-room dwlg. Owner.....Gordon J. Wiser, 5048 Fairfax Ave., Oakland.

Architect...None.
Day's work. COST, \$1600

(2803) E 106TH AVE 200 N Bancroft, Oakland. One-story 5-room dwlg. Owner.....Gordon J. Wiser, 5048 Fairfax Ave., Oakland.

Architect...None.
Day's work. COST, \$1600

(2804) S END 83RD AVE., Oakland. One-story warehouse.

Owner.....Bates, Borland & Ayers, Oakland Bank of Savings Bldg., Oakland.

Architect...None.
Day's work. COST, \$600

(2805) MONTGOMERY & MATHW, Oakland. One-story 4-room dwlg. Owner.....Mrs. T. Vretto, 3469 Piedmont Ave., Oakland.

Architect...R. Morgenier, 1644 Telegraph Ave., Oakland.

Contractor...Emil Storey, 10 Warren Ave., San Leandro.

COST, \$1250

(2807) LOT 19 BLK 3 Map Key Route Terrace No. 2, Albany. All work for one and one-half-story dwelling.

Owner.....Charles Erickson, Bkly.

Architect...None.
Contractor...Gustaf Johanson, 1811 Rose Berkeley.

Filed Sept. 19, '13. Dated Sept. 18, '13.

Frame up 34

Plastered 34

Completed 34

Final 35 days..... 34

TOTAL COST, \$2775
Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(2808) LOT 10 BLK "B" Map Piedmont Knoll, Oakland. All work for two-story dwelling and garage.

Owner.....Caroline W. Robins.
Architect...None.
Contractor..Alyfred Peterson.

Filed Sept. 20, '13. Dated Sept. 20, '13.
Rough frame up.....\$1340
Enclosed, exterior mill work done and rough coat plaster on 1340
Completed and accepted..... 1340
Usual 35 days..... 1343
TOTAL COST, \$3363

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2810) LOT 27 Map Re-bdvn of Hill-side Terrace, Oakland. All work for two-story and basement dwelling.

Owner.....Mrs. M. J. S. Chase, 3766 Piedmont Ave., Oakland.
Architect...Wm. J. Wilkinson, 809 Alben, Oakland.

Contractor..Myron E. Hopper, 90 Glen Ave., Oakland.

Filed Sept. 19, '13. Dated Sept. 18, '13.
Frame up, roof and plaster boards on\$916
Brown coated 916
Exterior finish in place..... 458
Completed and accepted..... 458
Usual 35 days..... 916
TOTAL COST, \$3664

Bond, \$1850. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans only filed

(2811) NO. 523 THIRTY-FIRST, Oakland. Alterations.

Owner.....J. A. Yeatman, Premises.
Architect...None.
Contractor..F. Broadhead, 864 37th, Oakland.

COST, \$750

(2812) W HIGH 230 N Penniman, Oakland. One-story 3-room stores.

Owner.....T. A. Lehre, 2023 High, Oakland.
Architect...None.
Day's work.....

COST, \$500

(2814) NO. 423 TWELFTH, Oakland. Alterations.

Owner.....C. F. Schmidt, Premises.
Architect...None.
Contractor..P. G. Walker, 6610 Whitney, Oakland.

COST, \$500

(2815) W FIFTIETH AVE 295 N Boulevard, Oakland. One-story 4-room dwelling.

Owner.....Equitable Bldg. Syndicate.
Architect...None.
Contractor..W. A. Peterson

COST, \$1200

(2818) W FORTY-SIXTH AVE 950 N E-15th, Oakland. One-story 4-room dwelling.

Owner.....Robert Trimlet, 1834 61th Ave., Oakland.
Architect...None.
Day's work.....

COST, \$1600

(2821) LOT 26 BLK "K" East Piedmont Heights, Oakland. All work for one-story 7-room dwelling.

Owner.....B. R. and Vivian Jones, 46 Geary, San Francisco.
Architect...None.
Contractor..Edwin C. Graff, San Le

andro.

Filed Sept. 22, '13. Dated Sept. 17, '13.
Frame up\$1250
Brown coated 1250
Completed 1211.50
Usual 35 days 1250

TOTAL COST, \$3649.00

Bond, none. Limit, 100 days after Sept. 26. Forfeit, none. Plans and specifications filed.

(2822) N SIXTY-FIRST 200 W Occidental, Oakland. One-story 5-room dwelling.

Owner.....Mrs. H. C. Tuttle.
Architect...None.
Contractor..Chas. Helstrom, 493 36th, Oakland.

COST, \$2000

(2823) NW MANILA AVE & CLIFTON Two-story 6-room dwelling.

Owner.....Price Bros., 498 Alcatraz Ave., Oakland.
Architect...None.
Day's work.....

COST, \$2500

(2824) S WESLEY AVE 150 W Newton Ave., Oakland. One-story 6-room dwelling.

Owner.....A. W. Corbus, 1542 Broadway, Oakland.
Architect...None.
Day's work.....

COST, \$2500

(2825) S SAN JUAN 250 E 38th Ave., Oakland. One-story 5-room dwlg.

Owner.....S. A. Pleasants, 3901 San Juan, Oakland.
Architect...None.
Day's work.....

COST, \$1000

(2826) N EVERETT 190 E 13th Ave., Oakland. One-story 6-room dwlg.

Owner.....Je-person & Dippe, 878 54th, Oakland.
Architect...None.
Day's work.....

COST, \$2500

(2827) N EL CENTRO 90 E Benevide Ave., Oakland. One and one-half-story 6-room dwelling.

Owner.....Jespersion & Dippe, 878 54th, Oakland.
Architect...None.
Day's work.....

COST, \$2500

(2828) N E-FOURTEENTH 230 E 39th Ave., Oakland. One-story tailor shop

Owner.....G. Aizawa.
Architect...None.
Contractor..Chas. Songy.

COST, \$100

(2829) E THIRTY-EIGHTH AVE 250 N Mera, Oakland. One-story five-room dwelling.

Owner.....C. A. Wieben, 3032 23rd, Oakland.
Architect...None.
Contractor..A. C. Wieben, 3010 35th Ave., Oakland.

COST, \$2400

(2830) NO. 1461 ALICE, Oakland. One-story brick garage.

Owner.....Owens & Black, Prem.
Architect...None.
Contractor..Murray & Mowbray, 180 Jessie, San Francisco.

COST, \$150

(2831) NO. 2901 BROOKDALE AVE., Oakland. One-story 3-room dwlg.

Owner.....O. M. Werum, Premises.
Architect...None.
Contractor..A. F. Werum, 3198 Euclid, Oakland.

COST, \$500

(2832) E AUSEON 150 S Plymouth, Oakland. One and one-half-story 6-room dwelling.

Owner.....E. L. Williams.
Architect...None.
Day's work.....

COST, \$2000

(2833) W EVERETT 575 S Hampel, Oakland. One-story 4-room dwlg.

Owner.....G. G. Mulholland, 872 37th, Oakland.
Architect...None.
Contractor..Jones Bros., 5829 Lawton Ave., Oakland.

COST, \$2100

(2834) NO. 490 TWENTY-FIFTH, Oakland. Alterations.

Owner.....J. F. Wohlbuter, 559 27th, Oakland.
Architect...None.
Contractor..Fred Peters, 612 25th, Okd.

COST, \$2000

(2835) E HARRISON 640 N 14th, Oakland. Three-story 50-room apartments.

Owner.....E. A. Schmidt.
Architect...None.
Day's work.....

COST, \$20,000

(2836) E SIXTY-FIRST AVE 240 S Taylor, Oakland. All work for one-story 6-room dwelling.

Owner.....Loretz Peterson, Oakland.
Architect...None.
Contractor..W. H. Judson, Albany Bk., Oakland.

Filed Sept. 23, '13. Dated Sept. 17, '13.
Frame up 1/4
Rough plumbing, electric wiring and brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1600

Bond, \$800. Surety, Fidelity & Deposit Co. of Maryland. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(2837) W 15 FEET LOT 25 and E 29 feet Lot 26 Bk 2098 Map Alden Tct of Temascal, Oakland. All work for alterations and additions to one-story dwelling.

Owner.....Charles A. Ruckman, 848 43rd, Oakland.
Architect...None.
Contractor..C. F. Lodge, 7203 Spencer, Oakland.

Filed Sept. 23, '13. Dated Sept. 18, '13.
House moved and frame up.....\$235.50
Enclosed and 1st coat plaster on 235.50
Completed and accepted..... 235.50
Usual 35 days..... 235.50
TOTAL COST, \$942.00

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(2838) NO. 263 FORTY-SECOND, Oakland. Addition.

Owner.....P. C. McCourtney, 269 42nd, Oakland.
Architect...None.
Contractor..Chas. C. Garfield, 2139 25th Ave., Oakland.

COST, \$400

(2839) W ORANGE 140 S Perry, Oakland. Two-story 10-room dwelling.

Owner.....P. M. Fisher, 179 Santa Clara Ave., Oakland.
Architect...None.
Contractor..J. B. Sprague, 516 Harri-son, Oakland.

COST, \$3000

(2810) N TAFT AVE 700 E College, Oakland. Two-story 6-room dwlg. Owner.....Mrs. Hobart, Oakland. Architect...None. Contractor...Edw. Larmer, 631 Poirier, Oakland.

COST, \$2500

(2842) NO. 142 SAN PABLO AVE., Oakland. Addition. Owner.....F. J. Woodward, Oakland Bank of Svcs., Oakland. Architect...None. Contractor...A. J. McPhee, 2141 E-27th, Oakland.

COST, \$100

(2843) NO. 426 TWENTY-NINTH, Oakland. Alterations. Owner.....Wm. Moller, Premises. Architect...None. Contractor...J. H. Dingwell, 2002 West, Oakland.

COST, \$100

(2845) S APGAR 300 W West, Oakland One-story 5-room dwelling. Owner.....Miss Alice Whelan, 835 Apgar, Oakland. Architect...None. Contractor...J. Lehman, 959 Apgar, Okd

COST, \$2100

(2847) N FIFTY-SIXTH 57 W Telegraph Ave., Oakland. Two-story 10-room flats. Owner.....F. L. Powell. Architect...None. Contractor...United Home Bldrs., 1762 Broadway, Oakland.

COST, \$3500

(2848) S FLEMING AVE 119 W Seminary Ave., Oakland. Two-story 7-room dwelling. Owner.....United Home Bldrs., 1762 Broadway, Oakland. Architect...None. Day's work.

COST, \$3800

(2849) NE E-SIXTEENTH AND 6TH Ave., Oakland. Two-story 16-room flats. Owner.....J. J. Gaffney, 1640 6th Ave., Oakland. Architect...None. Contractor...C. E. Burks, Albany Bld., Oakland.

COST, \$6000

(2850) LOT 48 Map Piedmont-by-the-Lake, Oakland. All work for two-story and basement dwelling. Owner.....Narcissa Connelly, 606 Jones, Oakland. Architect...C. J. Struby. Contractor...Alfred Peterson, 1201 19th, Oakland.

Filed Sept. 21, '13. Dated Sept. 22, '13. Frame up and enclosed..... ¼
Brown coated..... ¼
Completed..... ¼
Until 35 days..... ¼
TOTAL COST, \$6691
Bond, none. Limit, 90 days after filing
Forfeit, \$5. Plans and specifications
filed.

(2851) E FIFTY-FIRST AVE 175 N E-12th, Oakland. One-story 5-room dwelling. Owner.....Mrs. Robert Lind. Architect...None. Contractor...J. Hashman.

COST, \$1600

(2852) NO. 355 SIXTY-THIRD, Oakland. Alterations.

Owner.....J. P. Beckett, 2035 Channing Way, Berkeley. Architect...None. Day's work.

COST, \$300

(2854) E FOURTH AVE 105 N E-20th, Oakland. One-story 5-room dwlg. Owner.....A. Trueworthy, 215 Athol Ave., Oakland. Architect...None. Day's work.

COST, \$2000

(2855) S SEVENTH 75 E Myrtle, Oakland. One-story factory. Owner.....Joe Drago, 489 10th, Okd. Architect...None. Day's work.

COST, \$400

(2856) NO. 920 GROVE, Oakland. Alterations. Owner.....J. C. McDonald, 932 22nd, Oakland. Architect...None. Contractor...Henry Loeb, 920 Grove, Oakland.

COST, \$500

(2857) SE ROSEDALE & CARRINGTON Ave., Oakland. One-story 5-room dwelling. Owner.....E. M. Marquis, 2827 Russell Berkeley. Architect...None. Day's work.

COST, \$1600

(2858) NO. 848 FORTY-THIRD, Oakland. Addition. Owner.....Chas. Ruckman, Premises. Architect...None. Contractor...Chas. Lodge, 5471 Prince, Oakland.

COST, \$950

(2859) NW 106TH AVE AND ROYAL Ann, Oakland. One-story 5-room dwlg. Owner.....J. N. Clark, Fruitvale. Architect...None. Contractor...J. B. Peppin Jr., San Leandro.

COST, \$2400

(2860) E 109TH AVE 200 S Bancroft Ave., Oakland. One-story 6-room dwelling. Owner.....Bomer J. Miller, San Leandro. Architect...None. Contractor...J. B. Peppin, Jr., San Leandro.

COST, \$1800

(2861) S E-TWENTYETH 90 W 17th Ave., Oakland. One-story 5-room dwelling. Owner.....Harry G. Miller, 427 Laguna, Oakland. Architect...None. Contractor...G. A. Scott, 685 23rd, Okd.

COST, \$2190

(2862) E DIVISION 135.77 S Hampel E 100X8 40, Okd. One-story four-room dwelling. Owner.....Carlton F. Eldridge, Okd. Architect...None. Contractor...L. F. Hyde & Co. Filed Sept. 24, '13. Dated Sept. 24, '13. Frame up and roof on..... ¼
Brown coated..... ¼
Completed and accepted..... ¼
Until 35 days..... ¼
TOTAL COST, \$2065
Bond, \$1050. Sureties, E. R. Helms and Edwin F. Parke. Limit, 60 days. Forfeit, none. Plans and specifications
filed.

(2864) NO. 5483 TAFT AVE., Oakland Alterations. Owner.....Dr. C. Covalt, Premises. Architect...None.

Contractor...Fred Hambleton, 575 43rd, Oakland.

COST, \$400

(2867) W NINETY-FIFTH AVE 275 S E-11th, Oakland. One-story 4-room dwelling. Owner.....Emily Lutz, 1422 Dennison, Oakland. Architect...None. Contractor...Tom Brown, 1642 89th Ave. Oakland.

COST, \$900

(2868) W EIGHTY-FIFTH AVE 80 N Plymouth, Oakland. One-story 3-room dwelling. Owner.....Chas. Scherching, 1712 85th Ave., Oakland. Architect...None. Contractor...M. Russell, 1452 84th Ave., Oakland.

COST, \$1000

(2870) W THIRTY-NINTH AVE 300 N Carrington, Oakland. One and one-half-story 5-room dwelling. Owner.....J. J. Mullarkey, Oakland. Architect...None. Contractor...J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$2500

(2871) E 107TH AVE 150 S Bancroft Ave., Oakland. One-story 6-room dwelling. Owner.....Emma J. McCluen, 2208 Telegraph Ave., Oakland. Architect...None. Contractor...J. B. Peppin Jr., San Leandro.

COST, \$1900

(2872) TWELFTH & THIRTEENTH, bet. Washington and Broadway, Oakland. Alterations. Owner.....Kahn Bros. Architect...None. Contractor...S. Kulchar & Co., 518 4th, Oakland.

COST, \$3000

(2873) N SEVENTH 100 E Webster, Oakland. Alterations. Owner.....James Kenny, 574 35th, Oakland. Architect...None. Contractor...Harry McClay, 623 33rd, Oakland.

COST, \$400

(2874) S E-TWENTY-FIRST 200 E 5th Ave., Oakland. One-story six-room dwelling. Owner.....R. A. McWilliams, 5845 Ayala, Oakland. Architect...None. Day's work.

COST, \$1975

(2875) NO. 802 THIRTY-SIXTH AVE., Oakland. Addition. Owner.....Geo. Rittman, Premises. Architect...None. Contractor...David A. McKay, San Lorenzo.

COST, \$500

(2876) E SIXTY-FIRST AVE 240 S Taylor, Oakland. One-story 6-room dwelling. Owner.....J. Peterson, San Lorenzo. Architect...None. Contractor...Home Buyers Syndicate, 336 Albany Bld., Oakland.

COST, \$1600

(2877) W FRANKLIN AVE 420 N Hopkins, Oakland. One-story 4-room dwelling.

Owner.....Anna and J. Cottrell, 1122 Ellis, San Francisco.
Architect...None.
Contractor...Home Buyers Syndicate, 336 Albany Bk., Oakland.
COST, \$1200

(2878) W FORTY-FIRST AVE 215 N Boulevard, Oakland. One-story 5-room dwelling.
Owner.....J. H. Beck, 1714 36th Ave., Oakland.
Architect...None.
Contractor...A. J. Robertson, 4080 Boulevard Ave., Oakland.
COST, \$2455

(2879) NO. 611 E-TWENTY-THIRD, Oakland. Addition.
Owner.....A. E. M. Prensell, Premises
Architect...None.
Day's work. COST, \$400

Building Contracts Awarded Berkeley.

2806	Anderson	.....Pearson	700
2809	Howson	.....Perry	6000
2812	Aitken	.....Leagh	400
2816	Peake	.....Peake	3000
2817	Haws	.....Haws	2000
2819	Bunt	.....Offe	1400
2820	Cath Archb	.....Kidder	23695
2841	Kelsey	.....Davis	1000
2844	Hinch	.....Hinch	2900
2846	Fossing	.....Merrilees	1450
2853	Andrews	.....Andrews	5000
2869	Kitty	.....Kitty	2500

(2806) NO. 1632 DWIGHT, Berkeley. Fire repairs.
Owner.....Edw. Anderson, Premises.
Architect...None.
Contractor...Ben Pearson, 2403 Grant, Berkeley.
COST, \$700

(2809) LOT 17 BLK "M" Map Berry Bangs Tract No. 2, Berkeley. All work for two-story flats.
Owner.....Bessie M. Howson, Bkly.
Architect...Warren Charles Perry, 2636 1/2 Dwight Way, Bkly.
Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
Filed Sept. 20, '13. Dated Sept. 20, '13.
Frame up 1/4
Plastering completed 1/4
Completed and accepted 1/4
Usual 35 days..... 1/4
TOTAL COST, \$6000
Bond, none. Limit, 75 days. Forfeit, \$2.50. Plans and specifications filed.

(2812) N ALLSTON WAY 127 E Shattuck Ave, Berkeley. Alterations.
Owner.....Judge Aitken, Monadnock Bldg., San Francisco.
Architect...None.
Contractor...E. M. Leagh, 4947 Coronado, Oakland.
COST, \$400

(2816) N YOLO AVE 160 .27 W Milvia, Berkeley. One-story 6-room dwlg.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$3000

(2817) E McGEE 100 N Bancroft Way, Berkeley. One-story 6-room dwlg.
Owner.....Chas. A. Haws, 1709 Bancroft Way, Berkeley.
Architect...None.
Day's work. COST, \$2000

(2819) S BANCROFT WAY 150 E 8th, Berkeley. One-story 5-room dwlg.

Owner.....T. A. Bunt, 936 Bancroft Way, Berkeley.
Architect...None.
Contractor...F. Offe, 1025 Bristol, Bkly.
COST, \$1400

(2820) NE JEFFERSON AND ADDISON St to Strawberry Creek th along Strawberry Creek to California St. N to Addison St. 260 to pt beg Blk 6 McGee Tract, Berkeley. All work for three-story and basement frame convent building.
Owner.....Roman Catholic Archbishop of San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
Filed Sept. 22, '13. Dated Sept. 15, '13.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$23,695
Bond, \$11,847.50. Sureties, B. E. Underwood and Thos. Gilrean. Limit, 150 days. Forfeit, none. Plans and specifications filed.

(2841) E ELLSWORTH 163 S Allston Berkeley. Two-story 4-room dwlg.
Owner.....G. P. Kelsey, 2215 Ellsworth, Berkeley.
Architect...None.
Contractor...J. W. Davis, 1631 Allston Way, Berkeley.
COST, \$1000

(2844) S PRINCE 125 E Wheeler, Berkeley. One-story 5-room dwelling.
Owner.....E. M. Hinch, 393 Bellevue Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

(2846) S JOSEPH 150 E Monterey, Berkeley. Remodel.
Owner.....Miss E. M. Fossing, 560 Oakland Ave., Oakland.
Architect...None.
Contractor...J. M. Merrilees & Co., 2916 Grove, Berkeley.
COST, \$1450

(2853) E LEWISTON AVE 207 N Alcatraz, Berkeley. Two-story 10-room flats.
Owner.....N. Andrews, 153 Stuart, San Francisco.
Architect...C. R. Jordan, 742 Market, San Francisco.
Day's work. COST, \$6000

(2869) W SAN BENITO 300 W Marin, Berkeley. One-story 5-room dwlg.
Owner.....Wm. Kitty, "Laurel Dell," San Benito Road.
Architect...None.
Day's work. COST, \$2500

Building Contracts Awarded. Alameda.

2794	Armstrong	.....Owner	2600
2796	Strang	.....Strang	2250
2797	Burgner	.....Burgner	1350
2798	Senz	.....MacRae	600
2799	Horst	.....Horst	2250
2800	Powell	.....Powell	2000
2863	Parisian	.....Dufour	1000
2864	Carville	.....Powell	2000
2865	Osborn	.....Mortensen	1500

(2794) NO. 1513 HIGH, Alameda. One and one-half-story dwelling.
Owner.....J. Armstrong, Premises.
Architect...None.
Day's work. COST, \$2000

(2796) NO. 1708 HIGH, Alameda. One story 5-room dwelling.
Owner.....F. N. Strang, 1330 Burbank, Alameda.
Architect...None.
Day's work. COST, \$2250

(2797) NO. 1522 HIGH, Alameda. One story dwelling.
Owner.....A. J. Burgner, 1601 High, Alameda.
Architect...None.
Day's work. COST, \$1950

(2798) NO. 918 LAFAYETTE, Alameda. Add to dwelling.
Owner.....Adam Senz, Premises.
Architect...None.
Contractor...C. W. Mac Rae, 1815 Encinal Ave., Alameda
COST, \$600

(2799) NO. 1340 ST. CHARLES, Alameda. Two-story dwelling.
Owner.....G. Horst, 1209 Willow, Alameda.
Architect...None.
Contractor...H. G. Horst, 1804 Grand, Alameda.
COST, \$3250

(2800) NO. 535 LAUREL, Alameda. One-story 6-room dwelling.
Owner.....Powell Bros. Constr. Co., Harrison Ave., Alameda.
Architect...M. H. Fish, 1528 Court, Alameda.
Day's work. COST, \$2000

(2863) NO 2319 LINCOLN AVE., Alameda. Wash room.
Owner.....Parisian Laundry, Premises
Architect...None.
Contractor...W. Dufour, 2326 Santa Clara Ave., Alameda.
COST, \$1000

(2864) NO. 1031 LINCOLN AVE., Alameda. One-story dwelling.
Owner.....A. D. Carville, 1033 Lincoln Ave., Alameda.
Architect...None.
Contractor...W. Powell, — Pacific Ave., Alameda.
COST, \$2000

(2865) NO. 1843 ELM, Alameda. One-story dwelling.
Owner.....T. D. Osborn and P. Mortensen, 2848 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$1900

Architect...None. COST, \$1900

Minor Jobs About Alameda Co.

1101 Sherman, Ala.; alter dwelling; owner, Harry Weihe, Premises; contractor, Chas. Burton, Park, Ala.; cost, \$200.

1712 San Pablo Ave., Okd.; alterations owner, A. W. Clement; contractor, G. A. Scott; cost, \$120.

71 8th, Okd.; addition; owner, D. Berceovich; contractor, M. A. Taylor; cost, \$100.

SW 6th and Clay, Okd.; reshingle; owner, J. J. McElroy; contractor, H. J. Edwards; cost, \$104.

1666 7th, Okd.; addition; owner, Mike Fakony; contractor, M. Kany; cost, \$160.

695 37th, Okd.; shed; owner, Jersey Milk & Cream Co.; contractor, F. J. Williams; cost, \$250.

1509 Benton, Ala.; garage; owner, Johann Schmidt, Premises; cost, \$100.

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED
(Correction)

Sept. 17, 1913—LOT 15 BLK "G" Claremont Court, Bkly. Harriet S Sanderson to Sullivan Bros.....Sept. 13, 1913

Sept. 17, 1913—NW BROADWAY & 38th N 44 W 142.21 SW 91.71 E 150, Okd. Joseph Koenig to E A JanssenSept. 13, 1913

Sept. 20, 1913—LOT 17 BLK 9 Map Thou and Oaks, Ikly. George Friend to whom it may concern.....Sept. 20, 1913

Sept. 20, 1913—NW BROADWAY & N 26th W 153.63 W 233.20 W 199.91 S 52.13 W 187, First Presbyterian Church of Oakland to Peter N Schmitt.....Sept. 3, 1913

Sept. 20, 1913—LOT 17 BLK "D" Map George W Austin's Sdvn Blk "D" Vernon Park, Okd. A Nelson to whom it may concern.....Sept. 19, 1913

Sept. 20, 1913—PTN LOT 1 BLK "C" Map Peralta Heights, Okd. Louis L Byrne & Rose C Byrne to whom it may concern.....Sept. 19, 1913

Sept. 20, 1913—NE BROADWAY & 40th N 50X E 90, Okd. Mintua E Streiff to Leo L Nichols. Sept. 20, '13

Sept. 22, 1913—W TELEGRAPH AVE 100 S 16th S 130 NW 103.95 SW 102.44 N 130 NE 90 NW 5.72 NE 112.89 SE 74 SW 100 SE 100, Okd. Ka-n Realty Co to Sherman Kimball & Co.....Sept. 22, 1913

Sept. 22, 1913—W CASTRO 55 N 14th W 50XN 55, Okd. Enid A Hall to August Peterson.....Sept. 22, 1913

Sept. 23, 1913—W HARKAN 391-9 N Peralta N 25; Lot 8 Blk 802 Map No. 2 Watts Tract, Okd. Henry Grady by F L de Pulta to A HooverSept. 16, 1913

Sept. 23, 1913—S FORTY-FIRST 300 E Telegraph Ave, Okd. B P and Alice M Beynon to N Z Room & SonsAug. 29, 1913

Sept. 23, 1913—W SHAFTER AVE 216 S 38th S 34XN 1.5, Okd. Martha E Brown to whom it may concern.....Sept. 23, 1913

Sept. 24, 1913—LOT 16 BLK "B" Claremont Court, Bkly. Miss Edith Garden to F E Allen.....Sept. 15, 1913

Sept. 23, 1913—LOT 1 BLK 18 Map Northbrae, Bkly. Cecil W Boden to whom it may concern.....Sept. 22, '13

Sept. 23, 1913—LOT 22 BLK "E" Map Kenwood Park, Okd. Irma Brown to Jesse Wilton Jones.....July 4, 1913

Sept. 23, 1913—LOTS 13, 14 AND 15, Central Piedmont Extension Tract, Piedmont. Dr Robert Dunn to C M MacGregor.....Sept. 22, 1913

Sept. 25, 1913—E-TENTH, bet Allison Way and Addison, next 2121 10th, Bkly. M G Fox for California Cider Co to A C C Krueger.....Sept. 25, 1913

Sept. 25, 1913—N FIFTEENTH 108 E Shafter Ave E 34XN 90, Okd. Chas McArthur to whom it may concern.....Sept. 25, 1913

LIENS FILED.

ALAMEDA COUNTY.

Sept. 19, 1913—LOT 31 BLK 16 Map Havenscourt, Okd. Maxwell Hardware Co vs J V Matteson, Berdette Matteson and Piedmont Heights

Bldg Co\$85

Sept. 19, 1913—LOT 142 Oak Grove Tract, Okd. Wm T Lingard vs Edith M Owen and Henry Ahnfeld\$25

Sept. 20, 1913—NW SIXTEENTH & Jefferson W 150 N 85 E 50 N 15 E 100 S to pt beg, Okd. J C McLeod, vs Woodmen of the World Bldg Association\$7137.35

Sept. 20, 1913—SW NINETEENTH & Cypress S 104-3 W 136 N 52-4½ E 12-3 N 52-4½ E 122-4, Okd. Maxwell Hardware Co vs H S White and Columbia Laundry Co.....\$25.02

Sept. 20, 1913—SW NINETEENTH & Cypress S 104-3 W 136 N 52-4½ E 12-3 N 52-4½ E 122-4, Okd. Conrad Rice Co vs H S and Lena White and Columbia Laundry Co.....\$28

Sept. 19, 1913—W HARKAN 391-9 N Peralta N 25; Lot 8 Blk 802 Map No. 2, Watts Tract, Okd. A Hoover vs Henry Grady\$1020.25

Sept. 23, 1913—SW NINETEENTH & Cypress S 104-3 W 136 N 52-4½ E 12-3 N 52-4½ E 122-4, Okd. Hogan Lumber Co vs H S White Machinery Co, Columbia Laundry Co and H S and Lena White.....\$533.71

Sept. 23, 1913—N SAN JOSE AVE 260 W Walnut W 50XN 150, Ala. Geo P Maddock vs Thomas G Morris.....\$68.50

Sept. 24, 1913—N SAN JOSE AVE 290 W Walnut W 50XN 150, Ala. Geo Pierson vs Thomas G Morris\$6.50

Sept. 25, 1913—LOT 34 BLK 16 Map Havenscourt, Okd. Hogan Lumber Co vs C Barkoff.....\$325.47

Sept. 25, 1913—LOT 33 BLK 16 Map Havenscourt, Okd. Hogan Lumber Co vs C Barkoff.....\$52.07

Sept. 26, 1913—LOT 11 BLK 9, Berkeley Heights Tract, Bkly. Alfred C Lee vs S D Beasley.....\$56

Sept. 26, 1913—LOT 16 BLK "A" Map Central Piedmont Tract, Piedmont. Bruce Lumber & Mill Co, \$670.86; W P Fuller & Co, \$291.70; Pierce Hardware Co, \$123.80 vs J T Bennett and W H Creighton.....

Contractor, C. C. Lewis, 447 S-1st., San Jose. COST, \$3000

NO. 41 S-THIRTEENTH (rear), San Jose. Brick garage. Owner.....A. E. Holmes, Premises. Architect.....C. S. McKenzie, Bank of San Jose Bldg., San Jose. Contractor.....E. E. Weldon, 78 Marshal Ave., San Jose. COST, \$1200

E SECOND, bet Jackson and Empire, San Jose. One and one-half-story residence. Owner.....Mrs. Webb, 428 N-Second, San Jose. Architect.....Lenzen & Son, 110 S-Second, San Jose. Contractor.....C. N. Smith, 515 S-Eighth, San Jose. COST, \$3075

E PLUM, bet Floyd and Humboldt, San Jose. Four-room cottage. Owner.....Paola Bataglia, Premises. Architect.....None. Contractor.....John Gratti, N-River St., San Jose. COST, \$1000

NO. 76 FULLER AVE., San Jose. Four room cottage and sleeping porch. Owner.....Alex York, Russ House, San Jose. Architect.....None. Day's work. COST, \$1600

NO. 112 COLFAX, San Jose. Six-room cottage. Owner.....Joseph Nolan, Premises. Architect.....None. Contractor.....J. A. Weldon, 639 Willes Ave., San Jose. COST, \$1800

NO. 630 S-THIRD, San Jose. One-room addition on rear of residence. Owner.....Mrs. O. F. Diete, Premises. Architect.....None. Contractor.....Frank Davis, 297 S-12th, San Jose. COST, \$400

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE — 2 story and base, frame, \$7,000. Menlo Park, San Mateo Co., Cal. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner John B. Leonard. The dwelling has been designed for a country home, and will contain in the neighborhood of ten rooms, three baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine and hardwood. There will be a central heating system, probably furnace heat. Open fire places and tile or brick mantels will be used. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

Building Contracts.

SANTA CLARA COUNTY

NO. 416 S-SIXTEENTH, San Jose. Six-room cottage. Owner.....P. W. Glason, Premises. Designer.....C. C. Lewis.

ON THE ALAMEDA, bet Brown Ave and Lenzen Ave., San Jose. Heating and ventilation system in Hester School Building.

Owner.....Hester School Trustees. Architect.....N. F. Marsh, Los Angeles. Contractor.....Rohd. Dalziel Jr., 218 1st. San Francisco.

Filed Sept. 17, '13. Dated Aug. 18, '13. On or before last of each month 75% Usual 35 days..... 25%

TOTAL COST, \$4487

Bond, none. Plans, 165 days. Forfeit, none. Plans and specifications filed.

FRANKLIN AND WASHINGTON STS., Santa Clara. All work for interior of Santa Clara Town Hall. Owner.....Town of Santa Clara. Architect.....Wm. Binder, Rea Bldg. San Jose.

Contractor.....W. H. Norman, Santa Clara Filed Sept. 16, '13. Dated Sept. 13, '13. 1st and 6th day of each month 75% Usual 35 days..... 25%

TOTAL COST, \$8674

Bond, \$4337. Surety, U. S. Fidelity & Guarantee Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

LOT 12 BLK 4, Town of Sunnyvale. All work for one-story reinforced concrete building.

Owner.....A. Schurra, Sunnyvale.
 Architect...H. A. Spreen.
 Contractor...G. D. Huston, Sunnyvale.
 Filed Sept. 22, '13. Dated Sept. 20, '13.
 Forms for concrete up.....\$621
 Walls up and roof on..... 621
 Building completed..... 621
 Usual 35 days..... 621
 TOTAL COST, \$2482
 Bond, \$621. Sureties, W. Davison and
 Daisy Akers. Limit, Nov. 15, '13. Forfeited,
 none. Plans and specifications
 filed.

LOT 10 BLK 62 Reed's Addition, San
 Jose. All work for two-story frame
 building.
 Owner.....T. J. Schurebeck, San Jose.
 Architect...L. T. Lenzen, San Jose.
 Contractor...P. Pebelier, San Jose.
 Filed Sept. 17, '13. Dated Sept. 16, '13.
 Frame up.....\$1350.00
 All plaster on..... 1350.00
 When completed..... 1350.00
 Usual 35 days..... 1357.50
 TOTAL COST, \$5407.50
 Bond, \$2704. Sureties, E. W. and O. E.
 Schnabel. Limit, 100 days. Forfeited,
 none. Plans and specifications filed.

LOT 9 Randall Tract, San Jose. All
 work for one-story frame cottage.
 Owner.....Ella Sorey, San Jose.
 Architect...J. B. Lamb, San Jose.
 Contractor...J. B. Lamb, 640 S-11th St.,
 San Jose.
 Filed Sept. 19, '13. Dated Sept. 18, '13.
 Frame up.....\$395
 1st coat plaster on..... 395
 Work completed..... 395
 Usual 35 days..... 395
 TOTAL COST, \$1580
 Bond, none. Limit, 70 days. Forfeited,
 none. Plans and specifications filed.

½ LOT 51 BLK 6, White Addition, San
 Jose. All work for one and one-half
 story bungalow.
 Owner.....E. O. Webb, San Jose.
 Architect...L. T. Lenzen, San Jose.
 Contractor...C. N. Smith, 515 S-Eighth
 St., San Jose.
 Filed Sept. 17, '13. Dated Sept. 16, '13.
 Frame up.....\$765
 Exterior completed..... 765
 When completed..... 765
 Usual 35 days..... 780
 TOTAL COST, \$3075
 Bond, \$1540. Sureties, E. C. Hamlin
 and H. Ray Fry. Limit, Dec. 1, 1913.
 Forfeited, none. Plans and specifications
 filed.

NO. 237 N-SECOND ST., San Jose. All
 work for repairs on dwelling.
 Owner.....P. Moutmayeur, Care La-
 molle Grill, San Jose.
 Architect...W. E. Higgins, San Jose.
 Contractor...R. O. Summers, 17 N-1st
 St., San Jose.
 Filed Sept. 22, '13. Dated Sept. 22, '13.
 Plaster finished.....\$476
 Barn finished..... 476
 Usual 35 days..... 318
 TOTAL COST, \$1276
 Bond, \$635. Sureties, W. H. Christmas
 and G. H. Parkinson. Limit, 21 days.
 Forfeited, none. Plans and specifications
 filed.

FOURTEENTH ST. near Santa Clara,
 San Jose. All work for one and one-
 half-story frame building.
 Owner.....N. J. Brown, 50 S-2nd St.,
 San Jose.
 Designer...L. I. Kelly.

Contractor...L. I. Kelly, — May Ellen
 Ave., San Jose.
 Filed Sept. 16, '13. Dated Sept. 10, '13.
 Frame up.....\$650
 Brown plaster on..... 650
 When completed..... 650
 30 days after..... 650
 TOTAL COST, \$2600
 Bond, \$1200. Sureties, J. A. Chase and
 G. M. Kelly. Limit, 70 days. Forfeited,
 none. Plans and specifications filed.

Building Contracts.

SAN MATEO COUNTY.

LOTS 23 & 24 BLK 17, Crocker Estate
 Tract, Daly City. All work for one-
 story and basement 5-room and bath
 frame residence.
 Owner.....Abraham P. Makower.
 Architect...O. E. Evans, 2367 Mission,
 San Francisco.
 Contractor...John F. Boulbard.
 Filed Sept. 18, '13. Dated Sept. 16, '13.
 Frame up.....\$603.75
 2nd coat plaster on and build-
 ing completed..... 603.75
 When accepted..... 603.75
 Usual 35 days..... 603.75
 TOTAL COST, \$2415.00
 Bond, none. Limit, 90 days from date.
 Forfeited, \$5. Plans and specifications
 filed.

SE BAYSWATER AVE AND PARK
 Road, Burlingame. All work for
 building.
 Owner.....J. R. Lynden.
 Architect...Thomas M. Edwards.
 Contractor...W. B. Eaton.
 Filed Sept. 15, '13. Dated Sept. 15, '13.
 Rough frame completed.....\$1450
 Brown mortar on..... 1450
 Completed and accepted..... 1450
 Usual 35 days..... 1450
 TOTAL COST, \$5800
 Bond, \$2900. Sureties, H. W. Regan
 and Joseph Grimes. Limit, 90 days
 after date of recording. Forfeited, none.
 Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Sept. 12, 1913—N TEMPLETON AVE
 Lot 9 Blk 37. Mrs Lizzie Reardon
 and Edw Reardon to B W Demarais
Sept. 3, 1913
 Sept. 12, 1913—HILLSBOROUGH. J
 D Grant to Joost Bros.Sept. 10, 1913
 Sept. 15, 1913—BLK 22, Burlingame.
 Ralph C Mac Arthur to S Mc-
 Clure.....Aug. 12, 1913
 Sept. 20, 1913—LOT 24 BLK 50 East-
 on Add'n to Burlingame. Mary F
 Mangan to George Holding.....
Sept. 15, 1913

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
 Sept. 20, 1913—LOTS 26, 27, 28, 29, 30
 and 31 Blk "N" Mission Street Land
 Co's Tract. E J Gallagher vs Ori-
 zaba Realty Co.\$210
 Sept. 20, 1913—LOT 2 BLK 3 of San
 Carlos Park. Fred Wagner vs A
 Paulsen\$92.05

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE ADDITIONS—1 story,
 frame, \$3,000. San Anselmo, Marin Co.,
 Cal. Architect, Maxwell G. Bugbee,
 330 Lick Bldg., S. F. Owner, George
 Breck. This work will include the
 construction of a garage and conserva-
 tory and a frame water tower. The
 tower will contain a tank with a ca-
 pacity of 3,000 gallons. Mr. Breck has
 expended in the neighborhood of \$15,-
 000 on his property, and has one of
 the finest homes in Yolando Park.
 Plans for the above described work
 will be completed this week and fig-
 ures will be taken.

PASSENGER STATION—1 story and
 base, reinforced concrete, \$30,000.
 Richmond, Contra Costa Co., Cal. En-
 gineer, G. W. Harris, L. A. Owners,
 Santa Fe Railroad Co. Plans are be-
 ing prepared for an attractive Mission
 style depot which is to replace the
 present structure in Richmond. There
 will be two waiting rooms, baggage
 and express office and office of the
 agent. Interior finish will be of pine
 and hardwoods. A cement floor will
 be used. Exterior of the building will
 be faced with cement plaster. A clay
 tile roof will be used. Preliminary
 plans are being prepared.

TELEPHONE EXCHANGE—3 story
 and base, Class A construction. Cost
 not stated. Richmond, Contra Costa
 Co., Cal. Architect, Architectural De-
 partment Pacific Tel. and Tel. Co., 333
 Grant avenue, S. F. Owners, Pacific
 States Tel. and Tel. Co. Announcement
 has been made that this company has
 secured a site on the principal busi-
 ness street of Richmond, and that pre-
 liminary plans are being prepared for
 a modern telephone exchange. The
 entire building will be occupied by the
 company. Further than the fact that
 the structure will be of the Class A
 type, no details can be secured. Fur-
 ther mention will be made of the work
 as plans progress.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BUNGALOW—1½ story and base,
 frame, \$4,500. Madera, Madera Co.,
 Cal. Architect, Ralph P. Morrell, Odd
 Fellows Bldg., Stockton. Owner, Mrs.
 J. F. Daulton. The house has been de-
 signed to contain seven rooms, bath
 and sleeping porch. Interior finish
 will be largely of pine with some hard-
 wood and white enamel. Hardwood
 floors will be used in the principal
 rooms. There will be furnace heat
 and open fire places. Mantels will be
 of tile or brick. Tile wainscot will be
 used in the bath room and kitchen.
 There will be an automatic water
 heater. Exterior of the dwelling will
 be covered with cement plaster and
 rustie. Plans are complete and fig-
 ures are being taken.

HALL OF RECORDS—1 story, base
 and mezzanine, reinforced concrete,
 \$35,000. Merced, Merced Co., Cal. Ar-
 chitect, C. H. Russell, Humboldt Bank
 Bldg., S. F. Owners, Merced County.
 The building is designed in the Classic
 style, and will be erected in the Civic
 Center. Construction will be fireproof.
 Interior will be finished in pine and
 hardwood with considerable tile and
 ornamental plaster work. Metal



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shelves will be in-talled. Plans provide for a fireproof vault. A central heating system and modern plumbing and electric work are specified. Exterior of the building will be faced with cement plaster. Plans are complete and are now out or figures. Bids will be opened on November 10th. Plans can be secured from the architect.

LIBRARY—2 story and base, reinforced concrete, \$20,000. Coalinga, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, City of Coalinga. The building is designed in the Classic style, and will cover a considerable ground area. There will be two large reading rooms, librarian's office and stack room. Metal shelves will be used. Interior finish will be of pine and hardwood. A maple floor is specified. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans have been approved by the Library Trustees and bids will be called for as soon as the approval of the Carnegie people is secured.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Steel arch reinforced concrete. Cost not stated. Reid's Ferry, Shasta Co., Cal. Engineers, Thomas & Post, Los Angeles. Owners, Shasta County. The Supervisors of Shasta County have tentatively accepted plans and specifications for a steel and concrete highway bridge prepared by Engineers Thomas & Post of Los Angeles. The bridge is to be erected over the Sacramento River at Reid's Ferry, and is one of the connecting links in the State Highway. Plans and specifications were submitted to the State Highway Commission for approval.

CLUB HOUSE—2 story and base, reinforced concrete, \$13,000. Auburn, Placer Co., Cal. Architect, Frank S. Holland, 100 Haight street, S. F. Owners, Auburn Tahoe Club; W. G. Lee, J. M. Francis and H. M. Hooper, Building Committee. This work has been mentioned here before. There will be two stores on the first floor and lodge rooms above. Interior will be finished in pine and redwood. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are in the hands of the Building Committee and figures are now being taken.

SCHOOL—1 story and base, frame. Cost not stated. Upper Lake, Lake

Co., Cal. Architect, Department of Indian Affairs, Washington, D. C. Owners, United States Government. Bids will be opened on October 6th at Washington, D. C., for the construction of a one story frame building to be erected at the Round Valley Indian School. Plans are on file at the office of the local Indian Agency, 268 Market street. An official proposal appears in another column of this issue.

EXCAVATING, ETC.—Cost not stated. Canal work. Engineers, United States Reclamation Service, Orland, Cal. Owners, United States Government. Plans have been approved for the construction of about 6½ miles of irrigation canal in Colusa County. The work involves the excavating of about 200,000 cubic yards of materials. The canal will be constructed in Colusa County about 23 miles from Sites. Plans can be secured from the U. S. Reclamation Service Engineers in Orland. Bids will be opened on October 15th. An official proposal appears in another column of this issue.

Building Contracts.

SACRAMENTO COUNTY.

W ¼ LOT 6 AND E ¼ LOT 7 L. M, 27th & 28th Sts., Sacramento. Alter building.

Owner.....S. Ginsberg, 1801 K St., Sacramento.

Architect...None.

Contractor..H. Goldman, 1818 R St., Sacramento.

COST, \$3000

LOT 1 Buckman Tract, Sacramento. Erect bungalow.

Owner.....A. Miller, 3205 3rd Ave., Sacramento

Architect...None.

Day's work. COST, \$1200

LOT 4, L. M, 5TH AND 6TH STS., Sacramento. Erect building 80x160.

Owner.....John T. Stoll, Stoll Bldg., Sacramento.

Architect...None.

Contractor..Wm. Murrell and J. W. Haley, 2nd St. Cor. "V," Sacramento.

Filed Sept. 15, '13. Dated Sept. 12, '13. COST, \$29,589

LOT 163 Curtl. Oaks, Sacramento. Five room dwelling.

Owner.....Harry Raynsford, 810 H St., Sacramento.

Architect...None.

Contractor..F. J. Williams, 3117 7th Ave., Sacramento.

COST, \$2800

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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615 Phelan Building, San Francisco

LOT 3 BLK 3 Highland Park, Sacramento. Four-room dwelling.

Owner.....Charles J. Schmid, 2914 26th St., Sacramento.

Architect...None.

Day's work. COST, \$900

E ¼ OF LOT 5, K, L, 15TH AND 16TH Sts., Sacramento. Alter residence.

Owner.....Mrs. Ellen McCabt, 1631 L St., Sacramento.

Architect...None.

Contractor..J. A. Pansbach, 1050 25th St., Sacramento.

COST, \$700

W ¼ LOT 3 AND E ¼ LOT 2, I, J, 6TH and 7th Sts., Sacramento. Alter building.

Owner.....City of Sacramento.

Architect...None.

Contractor..Siller Bros., 1614 12th St., Sacramento.

COST, \$1612

LOT IN INGLEVUE, Dwelling.

Owner.....Alice L. Ryan, 3531 Palmetto Ave., Sacramento.

Architect...None.

Day's work. COST, \$400

W 20 LOT 8, J, K, 1ST AND 2ND STS., Sacramento. Remodel building.

Owner.....Edith Cosby Figg and Geo. E. Cosby.

Architect...None.

Contractor..Geo. L. Herndon, 914 T St., Sacramento.

Filed Sept. 22, '13. Dated July 22, '13. COST, \$2943

S ½ OF N ¼ LOT 5, G, H, 6TH AND 27th Sts., Sacramento. Erect dwlg.

Owner.....Samuel Frank, National Hotel, Sacramento.

Architect...None.

Contractor..J. Kauert, 1012 V St., Sacramento.

COST, \$3000

LOT 4, K, L, 5TH AND 6TH STS., Sacramento. Erect building.

Owner.....John T. Stoll, Stoll Bldg., Sacramento.

Architect...None.

Contractor..Murrell & Haley.

COST, \$29,585

E ¼ LOT 6, O, P, 7TH AND 8TH STS., Sacramento. Erect flats.

Owner.....J. F. Harlow, 717 P St., Sacramento.

Architect...None.

Contractor..W. J. Montgomery, 2211 H St., Sacramento.

COST, \$6000

E ¼ LOT 3, K, L, 8TH AND 9TH STS., Sacramento. Alter store.

Owner.....Emil Steinman, 822 K St., Sacramento.

Architect...None.
Contractor...G. W. Martin & Son, 1217
18th St., Sacramento.
COST, \$700

LOT 12 KENDRICK TRACT. Sacra-
mento. Erect dwelling.
Owner.....D. V. Cole, 2631 Stockton
Ave., Sacramento.
Architect...None.
Contractor...H. M. Earle, Oak Park,
Sacramento.
COST, \$1200

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 11 BLK 9 S M C, Stockton. Erect
frame dwelling.
Owner.....John P. Ekberg, 126 W-
Lincoln St., Stockton.
Architect...None.
Day's work. COST, \$1400

LOT 3 BLK 57 S M C, Stockton. Frame
dwelling.
Owner.....Mrs. F. Maggini, 325 S-
Grant St., Stockton.
Architect...None.
Day's work. COST, \$1200

LOT 6 BLK 1, Stockton. Frame dwlg.
Owner.....Home Bldrs. Invt. Co., 26
W-San Joaquin, Stockton.
Architect...None.
Day's work. COST, \$2650

LOT 4 BLK 74, Stockton. Frame dwlg.
Owner.....E. H. Tryon, S-Lincoln
Cor. Sonora, Stockton.
Architect...None.
Day's work. COST, \$2000

N 1/2 OF LOTS 2 AND 4 BLK 257 E,
Stockton. Erect frame building.
Owner.....A. B. McGill, 238 S-Ophir,
Stockton.
Architect...None.
Day's work. COST, \$800

LOT 2 BLK 7, Stockton. Frame bldg.
Owner.....W. R. McGary, 814 W-
Poplar St., Stockton.
Architect...None.
Day's work. COST, \$2250

LOTS 10 AND 12 BLK 27 E, Stockton
Frame dwelling.
Owner.....J. F. Lynch.
Architect...None.
Day's work. COST, \$1500

LOT 1 BLK 58 E, Stockton. Alteration
to frame building.
Owner.....G. Battilana, 1134 S-
Hunter St., Stockton.
Architect...None.
Day's work. COST, \$175

LOTS 2 AND 4 BLK 86 E, Stockton.
Remodel brick building.
Owner.....Patterson & Carpenten.
Architect...None.
Day's work. COST, \$300

LOT 15 BLK 52 E, Stockton. Frame
dwelling.
Owner.....W. Mollenhauer, 348 S-
Aurora, Stockton.
Architect...None.
Day's work. COST, \$2600

LOTS 16 AND 18 BLK 95 E, Stockton
Corrugated iron building.

BUILDING AND INDUSTRIAL NEWS

Owner.....Wagner Leather Co., 120
E-Oak St., Stockton.
Architect...None.
Day's work. COST, \$1000

LOT 4 BLK 73 W, Stockton. Erect
frame building.
Owner.....Carl Steinhart, Van Buren
and Magnolia Sts., Stock-
ton.
Architect...None.
Day's work. COST, \$200

NO. 415 E-MAIN ST., Stockton. Put
on asbestos roof.
Owner.....Yost Dorchman Co., 417-E
Main St., Stockton.
Architect...None.
Day's work. COST, \$565

NO. 31 S-CENTER ST., Stockton. Re-
model frame building.
Owner.....F. A. Ziegler, 27 S-Center
St., Stockton.
Architect...None.
Day's work. COST, \$10.

NO. 27 S-CENTER ST., Stockton. Re-
model frame building.
Owner.....W. A. Ziegler.
Architect...None.
Day's work. COST, \$500

W 125 OF LOT 13 AND S 10 LOTS 1
and 3, Stockton. Two-story frame
building.
Owner.....Mrs. E. Hammond, 642 N-
Hunter, Stockton.
Architect...None.
Day's work. COST, \$7300

LOT 8 BLK 97 E, Stockton. Frame
building.
Owner.....Geo. L. Kleiy.
Architect...None.
Day's work. COST, \$2250

LOT 10 BLK 97 W, Stockton. Frame
building.
Owner.....S. J. Mix, 218 S-Sutter St.,
Stockton.
Architect...None.
Day's work. COST, \$2250

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT
Sept. 15, 1913—FARM 669-663 Cont 20
Central California Traction Unit
No. 10, Oak Park Lumber & Mill-
ing Co vs Hamilton Invt Co. \$310.02

LIENS RELEASED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Sept. 23, 1913—ST. ELIZABETH
Parish, Clark & Henry Constr Co
to Rev J V Azevedo.....\$555.20

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

APARTMENT HOUSE—4 story and
base. Class 'c' construction. \$55,000.
Los Angeles, Cal. Architect, E. R.
Hogan, Jr., 1564 West 46th Street, L.
A. Owner, Ernest C. Hillman. The
building will be erected on an inside
lot and has been designed to contain
a total of 86 rooms besides a large
office, lobby, billiard room and amuse-
ment rooms. Apartments will be ar-
ranged in two and three room suites,
all with private baths and wall beds.

Interior will be finished in pine and
hardwoods. Plans provide for steam
heat, elevator service and a vac-
uum cleaning system. Bath rooms
will have tile wainscot and cement
floors. Exterior of the building will
be faced with glazed pressed brick.
Plans are complete and figures will be
taken at once.

APARTMENT HOUSE—3 story and
base, brick. \$30,000. Los Angeles, Cal.
Architect, L. L. Jones, 1 W. Hellman
Bldg., L. A. Owner, J. P. Partch. The
building will cover an area of 35x115
feet, and has been designed with stores
on the first floor and 10 rooms arranged
in two and three room suites on the
upper floors. Interior finish will be of
pine throughout. Plans provide for
steam heat. All suites will have private
bath rooms and wall beds. There
will be patent store fronts. Exterior
of the building will be faced with
pressed brick. Plans are complete and
figures are being taken.

APARTMENT HOUSE—2 story and
base, brick. Cost not stated. Glen-
dale, Los Angeles Co., Cal. Architect,
Paul V. Tuttle, Delta Bldg., L. A. Owner,
Mattison B. Jones. The building
will contain three stores on the first
floor and a number of two and three
room apartments on the upper floor.
Interior finish will be of pine and
elm. Some hardwood floor will be
used. There will be steam heat and a
hot water system. All suites will have
wall beds and private bath rooms.
Stores will have patent fronts and
plate glass windows. Exterior of the
building will be faced with pressed
brick. Plans are being prepared.

APARTMENT HOUSE—2 story and
base, brick and frame. Cost not stated.
Imperial, Imperial Co., Cal. Ar-
chitects, Nee & Spencer, Union League
Bldg., L. A. Owners, Imperial Valley
Syndicate. The building will contain
stores on the first floor and a number
of two and three room suites on the
upper floors. All suites will have wall
beds and private bath rooms. Interior
finish will be of pine throughout.
Bath rooms will have tile wainscot.
Exterior of the building will be cov-
ered with cement plaster. Plans are
complete and figures are being taken.

HOTEL—1 story and base, brick and
steel. Cost not stated. Los Angeles,
Cal. Architects, Eisen & Son, Wilcox
Bldg., L. A. Owners, Blumenthal Co.
The building will be erected on a corner
lot and will contain two stores be-
sides the hotel office and lobby on
the first floor. Upper three floors will
be subdivided into about 50 guest
rooms and a number of public and private
baths. Interior finish will be of
pine and hardwoods. There will be
steam heat and elevator service. Hot
and cold running water will be sup-
plied to all rooms. Bath rooms will
have composition floors and tile wain-
scot. Exterior of the building will
be faced with pressed brick. Plans are
complete and the work will be done
by Day Labor. A number of subcon-
tractors will be let.

HOTEL—1 story and base, brick and
steel. Cost not stated. Los Angeles,
Cal. Architects, Maine Building and
Investment Co., Torpe Bldg., L. A.
Owner, M. J. Piester. The building
will be erected on Wall street, and
has been designed for a hotel of 85
guest rooms, a number of private
suites and several public baths. There
will be steam heat, elevator service

and a hot water supply. Interior finish will be of pine and redwood. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared and when complete the general construction will be carried on by the Mine Building and Investment Co. Sub contracts on some parts of the work will be let.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, J. Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponew. The building has been designed to contain stores on the first floor and a large number of guest rooms and baths on the upper floors. Plans will include steam heat, elevator service, hot water supply and a vacuum cleaning system. Interior finish will be of pine throughout. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

RESIDENCE—2 story and base, frame. Cost not stated. Fillmore, Ver. ory Co., Cal. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owner, Richard Stephens. The dwelling will contain eleven rooms, including a billiard hall and several baths. All bed rooms will have connecting baths and sleeping porches. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Bath rooms will have tile floors and wainscoting. Plans are being prepared.

SCHOOLS—3, 2 story and base, brick. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, A. B. Sturges, Story Bldg., L. A. Owners, City of Long Beach. One of the buildings will be 71x176 feet and will contain 16 class rooms, assembly hall, study rooms, offices and domestic science and manual training departments. The other two buildings will each cover an area of 65x165 feet, and will each contain 12 class rooms and an auditorium. Interior finish and floors will be of pine. Plenum heating systems will be installed. Exteriors will be faced with pressed brick. Working drawings are complete and figures will be called for shortly.

STORES AND LOFTS—7 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Fred D. Dorn, Douglas Bldg., L. A. Owner's name withheld. The building will have a frontage of 80 feet and a depth of 150 feet. Construction will be of reinforced concrete and fireproof. Interior finish will be of pine and metal. Plans provide for steam heat, three elevators and a vacuum cleaning system. There will be metal window sash and frames and fireproof doors. There will be stores on the first floor and upper floors will be arranged for light lifts. Exterior of the building will be faced with cement plaster. Plans will be completed and all contracts awarded by January 1st.

HOTEL—7 story and base. Class A construction. \$125,000. Los Angeles, Cal. Architect, Walter Webber, Ferguson Bldg., L. A. Owners, Pico Street

Improvement Co. Only preliminary plans have been prepared for this building, which is to be erected at the southwest corner of Pico and Figueroa streets. The owners contemplate the construction of but one wing of the building at this time. The cost of this work is estimated at \$125,000. Further mention will be made as the plans progress.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$18,000. Oak Knoll, Los Angeles Co., Cal. Architects, Frohman & Martin, Slavin Bldg., L. A. Owner, Judge C. J. Willitt. Contractor, E. D. Tyler, 539 South Pasadena street, L. A., general construction only. Contract price, \$18,000.

SCHOOL—2 story and base, brick and steel, \$41,928. Los Angeles, Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Contractors, Alta Planning Mill Co., 830 McGarry St., L. A., general construction. Contract price, \$41,928.

STORES AND LOFTS—2 story and base, brick, \$35,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. H. Van Nuys. Contractor, National Fireproof Building Co., Central Bldg., L. A. Contract price, \$35,000.

HOTEL—12 story and base, reinforced concrete, \$267,000. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. Contractor, Carl Leonardt, H. W. Hellman Bldg., L. A., all work excepting painting, marble and tile. Contract price, \$267,000.

PORTLAND AND OREGON.

FACTORY—1 story and base, reinforced concrete, \$25,000. Milwaukie, Ore. Architect, P. Chapell Brown, Mohawk Bldg., Portland. Owners, Beaver State Motor Car Co. The building will cover a considerable ground area, and is to be erected on a corner. Construction will be fireproof. Interior of the office portion will be finished in pine. There will be a cement floor and metal window sash and frames. Over \$20,000 will be expended in the purchase of machinery. Plans are now being prepared.

GARAGE—2 story and base, reinforced concrete, \$10,000. Portland, Ore. Architect, George Rea, Portland Owners, Francis & Kaddery. The building will be erected at the northeast corner of 13th street and Hawthorne and will cover an area of 95x110 feet. A concrete floor and metal window sash and frames will be used. Interior finish will be of pine. There will be special storage tanks for gasoline. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

STORE AND OFFICES ADDITION—1 story, reinforced concrete, \$10,000. Portland, Ore. Architect, George Rea, Lumber Exchange Bldg., Portland. Owners, Kaddery and Francis. This work will include new interior finish, plumbing, painting, electric work and plastering. The new portion of the building will be arranged for offices. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

STORES—1 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owner, J. C. Costello. The building will occupy a corner site and will cover an area of 100x152 feet. There will be a number of modern stores finished in pine and hardwoods. Construction will include a cement floor, marble base, patent store fronts, plate glass windows and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

STORE AND GARAGE—1 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, Charles W. Ertz, Northwest Bldg., Portland. Owner, J. C. Bird. The building will cover an area of 100 feet square, and has been designed to contain several stores and a public garage. Interior finish will be of pine throughout. There will be a cement floor and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

STORES AND OFFICES—2 story and base, brick and steel. Cost not stated. Corvallis, Ore. Architect, A. C. Jenkins, Stark Bldg., Albany. Owners, Wells and Foster. The building will be erected on a corner lot and will contain stores on the first floor and a number of modern offices on the upper floor. Interior finish will be of pine throughout. There will be a central heating system and metal window sash and frames. Patent store fronts will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

Contracts Awarded.

HOTEL—2 story and base, brick. Cost not stated. Carlton, Ore. Architect, E. N. Larry, McMinnville. Owner's name withheld. Contractor, Martin Johnson, Carlton. Contract price not stated.

STORES AND OFFICES ALTERATIONS—Brick construction, \$10,000. Portland, Ore. Architect, none. Owners, Western Realty Co., Board of Trade Bldg., Portland. Contractor, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$10,000.

SEATTLE AND WASHINGTON.

CHURCH—2 story and base, steel, brick and stone, \$65,000. Walla Walla, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, First Congregational Church. The building will be erected on a corner site and will cover an area of 50x120 feet. The design is in the Classic style, with the exterior faced with pressed brick and cut stone. Besides the main auditorium, which will have seating capacity of 1,000 people, there will be Sunday school rooms, social parlors, a large banquet room and kitchen. Interior finish will be of pine and hardwood, with considerable ornamental plaster. Plans provide for a central heating system, probably steam heat. Several large art glass windows are to be installed. Working drawings are complete and figures are being taken.

HOSPITAL—2 story and base, reinforced concrete, \$40,000. Seattle, Wash.

Architect, Daniel Huntington, Seattle Owners, City of Seattle. This work was mentioned here when the architect was first selected to prepare plans. The building will be erected in Richmond Highlands and is to be the first unit of a large institution. The main building will be 37,800 feet with two wings each 21,875 feet. Interior will be finished in pine, white enamel and hardwoods. There will be steam heat and modern hospital plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for in a few days.

HOUSE MOVED IN SECTIONS.

An enterprising house mover in West Somerville, Mass., finding it practically impossible to move a three-story dwelling as it stood, sliced it straight down through the ridge of the gable, and carted it away in two sections. Each section was about forty feet high. The base, however, was thirty feet in length by twenty in width. The result, of course, was that every moment it threatened to topple over. To obviate this, the brick from the chimneys and the stone from the foundations were loaded upon the first floor for ballast.

While the work of slicing was going on, braces, of course, were required to hold the parts firmly in position. When the two parts were reassembled ten miles away from their original site, the workmen put them together so well that, with a new coat of paint over the whole, no one would ever have suspected the remarkable feat that had been achieved.

The house at its old location stood ten feet above the street level. This was the reason that the peculiar method of transporting it had to be resorted to.

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PURE WATER NECESSARY FOR ICE MAKING.

The rapid gains in number favor which artificial ice has made in this country in recent years is shown by the reports of the United States Census.

In the manufacture of ice for household purposes and for drinking purposes it is important that the water used should meet all the requirements of potable water in respect to cleanliness and freedom from organic matter and disease germs. Most American manufacturers use distilled water in making ice in order to get a pure, transparent product.

In the plate system now very which is becoming more and more popular in this country, it is not necessary to use distilled water in order to obtain clear ice if suitable appliances are installed to prevent the accumulation of air and solid particles. Though it is true that

the greater part of the bacteria and mineral matters in the raw water are excluded from the frozen plate, there is insufficient ground for assuming that perfectly harmless ice can be made directly from tap water containing water and while it may be considered that water pure enough for drinking is pure enough for making ice, it is nevertheless true that the human dependence should not be placed on the freezing process.

(From Water-Supply Paper 22 upon the natural purifying powers of United States Geological Survey.)

NOTRE DAME BRIDGE GIVING WAY.

Parisians were amazed at the morning to learn that the old Notre Dame bridge was falling in. A look at them perhaps had seen the scaffolding there for the last two or three years, and might have read that the public works department had undertaken important repairs. Now, when the bridge was barred and motor buses were sent around over the neighboring bridges. But no Parisian ever suspected that the famous Point de Notre Dame was threatened to crumble to pieces, and that its gray old stones would some morning all be the heads of passengers in the lateauz minces.

The fact is that the 'Point de Notre Dame' was threatened to crumble and the third arch, especially, was in a perilous state of decay. One night not long ago it was noticed that a dozen stones near the center of the arch were loosening and threatened to fall into the river. An inspector was at once on the spot, and all road traffic was prohibited, and early next morning an order was posted that all boats going down the river were to follow the right arm of the Seine through the lock in front of the mint. The repairs at present in progress are very extensive, an amount practically to rebuilding and widening the greater part—Milwaukee Sentinel.

EXPOSITION TRANSPORTATION FACILITIES COMPLETE.

The Panama-Pacific International Exposition now has its own fleet of ships, its own railroad tracks and its own wharves. The new Pacific fleet ship at the foot of Battery street is now in operation and its boats and lighters are daily using the dock. The cars are now run ashore on the standard gauge tracks of the Exposition's railroad system. The passenger system is being developed rapidly. The grading of the car yards, beside the Palace of Machinery and the lower street entrance is being continued with vigor by a large force of men and apparatus. There will be about a score of tracks in this yard, with a main track line about the grounds.

The rolling stock of the Exposition railroad will be added to southern, henceforth, until a full complement of cars and engines is obtained, and is greatly expediting the work of construction.

The staff work of the Palace of Machinery is progressing rapidly, and the columns and mass of the structure at the north end of the grounds are being now in place.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C., in applying for addresses refer to file number.] Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11576. Machinery for unloading vessels.—A foreign railway company controlling a large percentage of the wharf facilities of a certain port, also operating lines of steamers and handling freight from a large number of vessels other than those operated by it, is offering, if any, improved machinery for the loading and unloading of cargo. As the shipping of the port in question is steadily increasing, and is expected to be added to considerably upon the opening of the Panama Canal, no question that this company will be in the market in the near future for machinery of this kind particularly as the company is at present constructing a new railway terminal and adding to its wharf facilities. In consequence, an American consular officer suggests that it might be advantageous to manufacturers of this class of machinery and equipment to communicate with an official named bringing to his attention any recent improvements in this line.

No. 11602. Motor cars.—A letter has been received by an American consular officer from a business man in India stating that he requires over a dozen commercial motor cars of 32 seats for passenger service and also some lorries for transporting goods. He desires to be informed of the best makes of American cars, and also mentions that he would like to purchase such cars on the installment system. He states that he is prepared to give sufficient references, and corresponds in English.

No. 11603. Stoves and office appliances for burning crude oil.—A request has been received from an American consular officer stating that a local firm, which furnishes cement, has made inquiries as to whether there are manufactured in the United States domestic cooking and heating stoves and furnaces fitted for burning crude oil, or grates or other appliances that could be fitted in for this purpose; and if so, it would like to be put in touch with manufacturers in order to purchase direct or act as agents in the local territory. As the cost of oil for fuel on vessels and locomotives and in manufacturing plants, apartment houses, office buildings, etc., is increasing very rapidly the firm is of the opinion that there would be a large sale for stoves or grates fitted as above described, and especially for an appliance that could be fitted into furnaces already installed in residences.

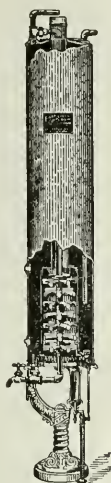
No. 11605. Paying contract.—A cablegram has been received from an American consular officer stating that a local municipality desires to contract with an American firm for eight years' lighting. Copy of the cablegram containing full particulars will be sent to interested firms by the Bureau of Foreign and Domestic Commerce. This contract it is stated will amount to \$1,000,000,000.

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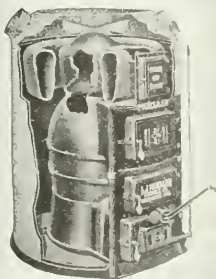
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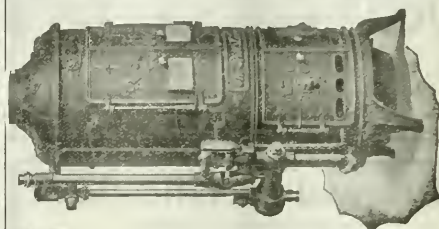
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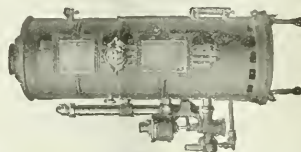
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Johnson, J. W.
Koberling, Jos.
Koldenstrodt, F.
McWhirter, Wm.
Mealey & Collins
Millerick, Phil. J.
Oberfeld, Chas.
O'Tourk, T. F.
Reed & White
Tingberg, John
Watson Bros.
Whitney & Davies
Brick Dealers.
Bay Develop. Co.
Cal. Pottery Co.
Carnegie Brick & Pottery Co.
City Supply Co.
Clark & Sons, N.
Diamond Brick Co
Tile Co.
Gladding - McBean Co.
Golden Gate Brick Co.
McNear Brick Agency
Remillard Brick Co.
Steiger Terra Cot-ta Pottery Wks
United Materials
Vallejo Brick & Western Develop-ment Syndicate
Western Lime & Cement Co.
Building Journals
Building and In-dustrial News.
Daily Pacific Builder
Building Materials
Algetinger, E.
Portland Cement Co.
Baker & Hamil-ton
Bay Develop. Co.
Berger Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Mate-rial Co.
Cal. Pottery Co., Inc.
City Supply Co.
Cal. Lins & Hy-dra Co.
Carnegie Brick & Pottery Co.
Cov H. Lime and Cement Co.
Diamond Brick Co
Dwan Co., J. E.
Falls Mfg. Co.
Gladding & Co., W.P.
Gladding - McBean Co.
Gross Co., Felix
Guernin & Co., J. S.
Holland, J. P.
Johns - Manville Co., H. W.
Jorgensen & Co., C.
Leonson, J. E.
Lilley & Thurston Co.
Meyer, Adolph
Pac. Portland Ce-ment Co.
Palmer Supply Co.
Paraffine Pump Co.
Parrott & Co.
Quality Lime & Cement Co.
Roman Co., C.
Ryan, George
Shannon, M. T.
Shasta Lime Pro-ducts Co.
Sherman - Kimball
Simon-Fout Brick Co.
Standard Portland Cement Co.
Steiger Terra Cot-ta & Potry Wks
Vallejo Brick & Tile Co.
Waterlime & Price Co.
Western Asbestos
Magnesia Co.
Western Build-ers Supply Co.
Western Develop-

ment Syndicate.
Western Lime & Cement Co.
Whittier - Coburn Co.
Woods & Hud-dart
Cement Dealers.
Algetinger, E.
Alsen's Portland Cement Co.
City Supply Co.
Cowell Lime & Cement Co.
Dwan & Co., J. E.
Guernin & Co., J. S.
Holland, J. P.
Quality Lime & Cement Co.
Lilley & Thurston Co.
Pacific Portland Cement Co.
Shasta Lime pro-ducts Co.
Standard Portland Cement Co.
Water-nouse & Price Co.
Western Lime & Cement Co.
Chimneys, Patent
Clawson Co., L. E.
Dresser - McDon-nell Co.
Dunley & Gettle
Hughes, H. J.
Concrete Contrac-tors.
Barrett & Hilp
Camp & Carrillon
Chalmers, H. A. (Inc.)
Chase, S. A.
Crescent Concrete Co.
Dillon, H. C.
Eggen, A. C.
Flaherty, W. N.
Gass Bros. Co.
Gnecco, M. H.
Grussel, Herman
Hansen & John-son.
Hann, C. C. W.
Hurley, P.
Leonard, J. P.
McCaby & Brown
McLennahan, T.W.
Mattison, J.
Mission Concrete & Mosaic Wks.
Nilson & Arras
New Era Marble & Concrete Co.
Nugent, Robinson
Peterson & Co., Chas. T.
Rasmussen, A.
San Francisco Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Spargo, John
Stanquist & Tay-lor.
Szkoe, Francis
Thomas & Sands
Westerlund, J. V.
Zimmerman, L. M.
Concrete Machs.
Racon & Co., E. R.
Graves, Spears
Road Machy, Co.
Lilley & Thurston Co.
Livermore Co., Norman B.
Contractors' Equip-ment.
A. L. Young Mach-inery Co.
Appanah Cornice Works
Racon & Co., E. R.
Lansford, Felts & Myers
Orenstein - A-fur Koppel Co.
Cornice Works.
Atlas Heating & Ventilating Co.
Barth Cor. Wks.
Capital Sheet Metal Works
Crown Cornice Works
Guilford Cor. Wks.
Gowens & Nygren
Friedlander Cornice Works
G & M Sheet Metal Works.
Heipner Sheet Metal Works

Hibernia Sheet Metal Works
Hughes, H. J.
Hurbabelle Bros.
Idol Cornice Co.
Korell & Co., J. A.
Modern Sheet Metal Works
Morrison & Co.
Olive & Leary
United Metal Products Co.
Western Furnace
Idol Cornice Co.
S. F. Metal Stamp & Corr. Co.
Crude Oil Burners
Bill & Jacobsen
Shuman, Kimball & Co.
Crushed Rock.
Bay Devel. Co.
Cal. Building Ma-terial Co.
Cassarretto, John
City Supply Co.
Holland, J. P.
Hull, A. L.
Simon-Fout Brick Co.
Standard Rock Co.
Stone Co., E. B. & A. L.
Western Develop-ment Syndicate
Roofing.
Brickley, P. J.
Fox, John L.
Imperial Water-proofing Co.
Rice & Jamel
Taylor, L. Z.
Door Opener and Closer.
Rischmuller, Geo.
Electric Fixtures.
American Gas & Electric Fixture Co.
Calif. Gas & Electric Fixture Co.
Pacific Gas & Electric Co.
Fidelity Light Co.
City Electric Co.
S. F. Gas & Electric Co.
Electric Wiring & Equipment.
American Elect. Eng. Co.
Cal. Elec. Constr. Co.
Central Elec. Co.
City Protective Electric Co.
Decker Electrical
Electric Light Co.
Farnsworth Elec-trical Works.
General Electric Constr. Co.
General Eng. Co.
Globe Electric Works
Hanbridge, W. S.
Hicks Elect. Co.
Kirsten, W. H.
Levy Elec. Co.
Manhattan Elec-trical Co.
McCell Elec. Co.
National Electric Co.
Newberry - Read
New Elec. Co.
Pac. Fire Extinguisher Co.
Ridley, E. R.
Robinson Elec Co.
Schmitschek M.
Standard Elec Co.
Turner Co. The
Ward Elect. Co.
Ward Electric Co.
Elevator Builders
Otis Elevator Co.
S. F. Elevator Co.
Van Emon Eleva-tor Co.
Estimators.
Crosset & East-mann
Dillon, H.
Ferguson W. H.
Howell, H. J.
Hudson, F. J.
Pridale, Milton
Walker, J. M.
Church

Floors, Composition.

Artolith Mfg. Co.
Bender R.&P. Co.
J. W.
Dwan Co., J. E.
Fibrestone &
Roofing Co.
Flaherty R. & P.
Co., R. H.
Goodman, A. K.
Malott, Peterson
& Adams
Watsonite Co.
Floors, Hardwood
Calif Parquet F.
Co.
Hardwood Int. Co.
Inlaid Floor Co.
Pac. Floor Sand-
ing Co.
Gauvinized Iron.
Baker & Hamill-
ton
Beiter Mfg. Co.

Gas Fixture.

American Gas &
Elec. Fixture Co.
Cal. Gas & Elec-
tric Co.
Day Co., Thomas
Gas Heating Sys-
tem
Heater System
Gas Heating Co.
Gasoline Tanks &
Pumps.
Deming, E. R.
Glass & Glazing.
American Plate
and Window
Glass Co.
Cal. Plate & Win-
dow Glass Co.
Cohen, L.
Fuller Co., W. P.
Grosslicht & Din-
dene
Habenicht, Fred
Howlett
Mission Plate &
Window Glass
Co.
Pioneer Plate &
Window Glass
Co.
Schwarz & Gott-
lieb
United Glass
Works (Inc.)

Grading.

Brannick, J. P.
Button, I. V.
Casaretto, John
Devincenzi & Co.,
L.
Dillon Teaming
Co.
Gallen & Carlin
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Lester, Fred
Luggen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip
Powers, Chas. J.
Rahman & Woods
Schmid, A.
Shiley Grading &
Teaming Co.
Star Con. Co., H.
Wright Co., H.
Granite Carbing.
Gram Granite Co.
Lead Granite Co.,
W.
Pacific Granite Co.
Placer Granite Co.

Gravel.

Bay Devel. Co.
Cal. Building Ma-
terial Co.
Flandau Crushed
Rock Co.
Stone Co., E. B. &
A. L.
**Hardwood Deal-
ers.**
Inlaid Floor Co.
Hardwood Inter-
ior Co.
Wood Lumber Co.,
E. K.
Hardware, Bldrs.
Baker & Hamill-
ton
Bennett Bros.
Brittain & Co.

Joost Bros.
Marshall - Newell
Supply Co.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.
Hay & Grate
Alciglieri, E.
Heating & Vent-
ilating Co.
Hick, Isaac.
Ahlbach & Mayer
Atlas Heating &
Ventilating Co.
General Eng. Co.
Kierman & O'Brien
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Co.,
Fred W.
Turner Co., The
**Houses, Movers &
Hidlers.**

Hatch, H. L.
Henderson, A. H.
Stratton, C. C.
Sullivan, D. J. & T.

Inlaid Floors.

Calif. Parquet
Floor Co.
Hardwood Inter-
ior Co.
Inlaid Floor Co.
Pac. Floor Sand-
ing Co.
Iron Foundry.
Enterprise Found-
ry Co.
Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.

Baker & Hamill-
ton
Dawson & Noyes
Judson Mfg. Co.
Woods & Hudart
Iron Works.
Art Metal Works
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Folsom St., Iron
Works
Glasser & Kloores
Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeiffer
Merkle & Iron
Works
North Star Iron
Works
Rallap, J. W.
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron Wks
Steiger & Kerr
Stove & Found-
ry Co.
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.
Co.

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Dawson & Noyes
Judson Mfg. Co.
Woods & Hudart
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Art Metal Works
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
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Folsom St., Iron
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Glasser & Kloores
Golden Gate Iron
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West Coast Wire
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Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.
Co.

Quality Lime pro-
ducts Co.
Western Lime &
Cement Co.

Lumber Dealers.

Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.
Krusch, J. H.
Hooper Lumber Co.
Higgins Lumber
Co., J. E.
Loop Lumber Co.
MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Mahony
Lumber Co.
Pope & Talbot
Reinhart Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.
Yates, Wm. F.

**Magnesian Floor-
ing.**

Artolith Mfg. Co.
Bender R.&P. Co.
Dwan & Co., J. E.
Fibrestone &
Roofing Co.
Flaherty R.&P. Co.
R. H.
Goodman, A. K.
Mather & Peter-
son
Tiernan & Ber-
nold
Watsonite Co.
**Mantels, Tiles &
Grates.**
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peerless Agencies
Co.
Tolson, J. W.
Watson Mantel &
Tile Co.
**Marble and Mosaic
Work.**
Gnecco, M. H.
Grassl & Co., P.
Mission Concrete
& Mosaic Wks.
Mission Marble
Works.
Musto Sons-Keen-
nan Co.
New Era Marble
& Tile Co.
Vermont Marble
Co.
Metal Lath.
Atlantic Fire-
proofing Co.
Beger Mfg. Co.
Lilley & Thurston
Co.
Roehling Constr.
Co.
Waterhouse &
Price
Western Builders'
Supply Co.
Metal Stamping.
S. F. Metal Stamp-
ing & Core Co.
Oils and Graces.
Standard Oil Co.
**Ornamental Plas-
tering.**
Binner, Theodore
Larson, O. F.
Lipp & Co., J. P.
**Painters and Deco-
rators.**
Baker Co., W. T.
Benjamin, Wm.
Blum Lath
Burns, J. A.
Clark & Dickson
Conkey &
Cramer Bros.

**Paints, Oils, Var-
nishes, Etc.**

Clark & Dickson
Cohn & Co., Mar-
tine
Detroit Graphite
Co.
Fuller Co., W. P.
O'Brien, J. S.
Paraffin Paint Co.
Pratt & Lambert
Whittier - Cohorn
Co.

Plumbing.

Clawson Co., L. E.
Dresser - McDon-
Hughes, H. J.
Dunlevy & Geth-
Lambuth, C. E.
Plumbing Mills.
Birth Co., L. H.
Builders' Supply
Depot
Cal. Door Co.
Cal. Planning Mill.
Empire Planing
Mill
Hermann, A.
Herrings Mill
Holder - Deuprey
Co.
Lorden Mill Co.
Maine St. Planing
Moore Mill & Lum-
ber Co.
Pac. Coast Mill &
Planing Co.
Premus Planing
Mill
Reinhart Lumber
Co. & Planing Mill
Sambrook Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Taylor & Co.
Tona Mfg. Co.
Western Planing
Mill
Veyhle & Collins
Yates, Wm. F.

Plasterers.

Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burl, Chas. J.
Campbell, Chas.
Cashman, M. J.
Chalmers, H. A.
Glosser, G. W.
Glosser & Kaiser
Cline, T. J.
Fay, John
Greenback, Joe
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, A.
Gilmour, W. J.
Jacobson, N.
Knox, Chas. A.
Leat & Kaiser
MacGruber & Co.
Mowat Donald
Gard, T. A.
Phillips, J. J.
Sexton, T. D.
Terranova, M. J.
The Pacific Plas-

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Dahl, T. H.
Donovan, V. J.
Erickson, Wm.
Flynn & Mikkel-
sen.

Plumbing.

Hansen, Elbing A.
Jourdain, Al.
Lewis, S.
Miller, L.
Miller, J. A.
McCubbin, James
Manning, John
Neal, L. J.
Quandt & Son
Rudman, J. J.
Schafer, Wm.
Smith, J. S.
Sovig, C. B.
Storheim &
Schroeder
Spark & Sons,
John H.
Swanson, Peter
The Globe Paint-
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Walker, Mayer
Wagner, Fred
Vagner Bros.
Zelinsky, E. H.

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John H.
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The Globe Paint-
ers.
Walker, Mayer
Wagner, Fred
Vagner Bros.
Zelinsky, E. H.

Plumbing.

Hansen, Elbing A.
Jourdain, Al.
Lewis, S.
Miller, L.
Miller, J. A.
McCubbin, James
Manning, John
Neal, L. J.
Quandt & Son
Rudman, J. J.
Schafer, Wm.
Smith, J. S.
Sovig, C. B.
Storheim &
Schroeder
Spark & Sons,
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ers.
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Zelinsky, E. H.

tering Co.
Wagner, James A.
**Plumbing and Gas
Fitting.**

Ahlbach & Mayer
Alton, Thom. W.
Bosch Bros.
Bernard, Geo. F.
Condon & Band
Comnor, E. J.
Empire Plumbing
Co.
Goss, Wm. P.
Grundy, Edward
Hartson, J. J.
Karr, F. E.
Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
May, Gns.
McEnhill,
McLeod, J. J.
Penkerton, J. H.
Perault, H. E.
Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Tippett, J. C.
Turner Co., The
Wetzel, Theo.

Plumbing.

Hansen, Elbing A.
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Schroeder
Spark & Sons,
John H.
Swanson, Peter
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ers.
Walker, Mayer
Wagner, Fred
Vagner Bros.
Zelinsky, E. H.

**Sanitary Garbage
Chutes.**

Bill & Jacobsen
McBarnett, W.

Surveyors.
Morser, E. V.
Sanborn & Corin-
son

**Teaming & Grad-
ing.**
Brankle, J. P.
Button, I. V.
Devencenzl & Co.,
L.
Dillon Teaming
Co.
Gallen & Carlin
Hartnett, J. D.
Huise Tile Co.
Holland, J. P.
Lennon Co., J. E.
Leffler, Fred

Luggen, Ernest
McIntochey
Monahan
Montague Co., P.
O'Day Co., D.
Powers, Chas. J.
Sibley Teaming &
Grading Co.
Schmid, A.
Star Contracting
Co.
Wright Co., J. H.

Tileing.
Ginsberg Bros.
Ginsberg & Co., S.
Huise Tile Co.
Klwan & Dor-
van
Mangrum & Otter

Peerless Agency
Thomson, J.
W.
Watson Master
Vacuum Co.
Bill & Jacobson
Sherman, Kimball
Co.
Wall Beds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works.

Whitewashing
Brickley, P. J.
Reigle & Jameison
Taylor, L. A.

Window Cleaning.
American Window
Cleaning Co.
City House & Win-
dow Cleaning Co.
Progressive Win-
dow Cleaning
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Peacock, John
Van Sant-Hough-
ton Co.

Glass and Glazing
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cobbedlick Glass
Co., L. N.
Fuller, W. P. &
Habenicht &
Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)

**Grading & Team-
ing.**
Church, D. O., Co.
Dillon, D.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLenehan, S. R.

S. F. Lime Co.
Raymond, W. H.
Corbidge, Granite.
McLenehan, S. B.

Door Openers.
Rischmuller, Geo.
Electric.

California Electr-
ical Works.
Central Electric
Co.
City Electric Co.
Decker Electric Co
Globe Elec. Co.
Hanbridge, W. S.
Levy Elec. Co.
National Elec. Co.
Elevators.
Otis Elevator Co
Van Emom Eleva-
tor Co

Fibre.
S. F. Fibre & Cord-
age Co.

Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebbling Con. Co.

OFFICIAL LIST OF MEMBERS
BUILDERS' EXCHANGE
OF SAN FRANCISCO
180-188 JESSIE STREET
PHONE KEARNY 4700

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Vice-President, Richard Herring.
Treasurer, C. W. Withington
Secretary, R. J. H. Forbes

Financial Secretary, S. A. D. Schenck
Ass't Secretary, W. J. Carberry
Doorkeeper, B. R. Wolcott

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R. A. Chisholm
O. E. Brady
Richard Herring

**Architectural Iron
Works**
Acme Iron Works.
Bay City Iron
Works.
Brode Iron Works
Central Iron Works
Dyer Bros.
Eureka Iron Wks
Kortick - Falls
Mfg Co.
G. C. Structural
Iron Works.
Hillard, C. J. Co.
Judson Mfg. Co.
McIntosh Cons.
Co.
Michaels & Pfeif-
er
Phoenix Iron Wks
Talston Iron Wks
Schneider Iron
Works.
St. Francis Orn.
Iron Works.
Telger & Ferr-
Stove & Found-
ry Co.
Julien Iron Wks.
Western Iron Wks
Withington, C. W.
Art Glass.
Cal. Art Glass Co.
Ingerson & Glaser
Co.
Blacksmiths.
Paul Kleiber
Roods.
American Bond-
ing Co.
Costello & Cutler
Astma Life Ins. Co.
Boole, F. W.
Empire State Sur-
ety Co.
Fidelity & Deposit
Co. of Maryland
Law, M. A.
Hillman & Son, J. R.
Lawton, A. F.
Lloyd & Sponglar
National Surety
Co.
Pacific Coast Sas-
sally Co.
Pacific Surety Co.
United States
Metal Products Co.
United States
Fidelity and
Guaranty Co.
Brick and Pottery.
Bray Development
Carey, J. E.
Carnegie Brick &
Pottery Co.
Carquinez Brick &
Pottery Co.

McNear Brick Co.
E. B.
Peterson - Karts-
choke Brick Co.
Remillard Bk. Co.
Sacramento
Trans. Co.
San Francisco Bk. Co.
San Jose Brick Co.
Steiger T. C. and
Pottery Wks.
G. C. Brick Co.
Oakland Paving
Brick Co.
building Material.
California Build-
ing Material
City Supply Co.
Kortick - Falls
Mfg Co.
Holland, J. P.
J. E. Lennon
Johns-Manville Co.
Levy & Co., Robt.
Lilly & Thurston
Co.
Pacific Refining &
Roofing Co.
Parrott & Co.
Paraffine Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co.
Waterhouse &
Price Co.
Western Build-
ing Supply Co.
Western Building
Material Co.
Fernald Co., The
Building Paper
Boyd & Moore
Lilly & Thurston
Co.
Cement Dealers
Balfour, Guthrie
Co.
Crawell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. J.
Maynard, Jr., J. L.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.

Concrete.
Chase, Silas A.
Camp & Carillon.
Ouncanson, Har-
rison C. H.
Foster & Vogt.
Goodman Archi-
tected Stone Co.
Hays Co., C. W.
Kealinge & Sons, R.
Leonard, J. J.
Leonard, J. P.
Lynch, A.
Pasqualetti, J.
Stanquist & Tay-
lor.
Stanquist & For-
bes
Zimmerman, L. M.
**Concrete Rein-
forcement.**
Lilly & Thurston
Co.
**Contractors &
Builders.**
Allen, Alex. M.
Anderson, W. W.
Arthur, L.
Bateman, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Bruck, Vm. A.
Caldwell & Dis-
ton.
Cameron & Dis-
ton.
Cavanaugh & Ve-
zina.
Chisholm, R. A.
Cobby, J. W.
Conannon, W. N.
Conrad, H.
Cregghio & Son,
Lewis
Davis, Sons, T. H.
Dewar, R. & Son.
Elam, Thos. & Son
Elliott, E. W.
Fahy, R.
Fischer, Fred.
Franz, Val.
Prost, T. P.
Gillespie, G. G.
Gallagher, Frank.
Gardiser, Florent.
Greig, Robt.
Hanshrough Bros
Hickman - Tibbits
Con Co.
Hinson, L. A.
Hill, J. A.
Holm & Son
Howkins, A.
Hovt Bros.
Ingerson, C. A.
Jacks, R. J.
Jones, W. G.

Kent, S. H.
Knowles & Reich-
ley.
Lang & Bergstrom
Leiter, E. T. &
Sons.
Lynch, M. C.
Lynch, P. J.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J.
McKilloan, R. and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owley, R. T.
Penny, Isaac.
McLeran & Peter-
son.
Robertson, J. M.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn.
Terrell, G. C.
Walker Bros. Co.
Warwick, H. C.
Waller, Thos.
White Bros (car-
penters)
Crozier Works.
Amsler, C. S.
Berger Mfg. Co.
Capitol Sheet Mtl.
Works, A. T.
Comyns & Child-
ers.
Conlin, J.
Connan, Wm.
Forreder Cornice
Works.
Guliflow Cornice
Works.
Apparatus Cornice
Works.
Heldt, Wesley
Morrison & Clark
S. F. Cornice Co.
Western Furnace
& Cornice Wks
**Contracting
Lumber.**
Lynch, Richard
Schnoddy, Hos-
trawser & Ped-
griff
Kuykendall, J. S.
Malley, Edward.

Granite.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons,
C. L.
Hunt, A. T.
Raymond Granite
Co.
Hardware.
Brittain & Co.
Krusse, J. H.
Meyer, A.
Osborn Hardware
& Tool Co.
Pacific Hub Co.
Wright Hdw. Co.
Heat and Light.
Pacific Gas and
Electric Co.
**House Moving &
Building.**
Blume Cont'g Co.
Pearson, E. K.
Sullivan, D. & T.
**Heating & Vent-
ilating.**
Connan, Wm.
Mangrum & Otter
Montague, W. W.
& Co.
Inside Floors.
Hardwood Inter-
ior Co.
Inside Floor Co.
Pacific Floor
Sanding Co.
Iron Works.
Michaels & Pfeif-
er
Monarch Iron
Works.
Pacific Rolling
Mill Co.
Pacific Struct. Iron
Works
**Interior Decora-
tors, Painters.**
Snell & Dennis.
Lynch, Richard
Jost, Hangers &
Paint Caps.
Kortick - Falls
Mfg Co.
Lilly & Thurston
Co.
**Kauwee System
Store Fronts.**
Falls Mfg. Co.
Lilly & Thurston
Co.
Light and Power
City Electric Co.
Pae, Gas & Elec-
tric Co.
Lime, Cement, Etc
Acme Cement &
Plaster Co.
Arden Plaster Co.
California Lime &
Hydrate Co.
Crawell Lime &
Cement Co.
Holmes Lime Co.
Lennon & J. P.
Lucas, W. E.
Pae Lime & Plas-
ter Co

Floor Sanding
Inside Floor Co.
Pacific Floor
Sanding Co.
Grill Work.
Cal. Art Metal &
Wire Works.
Merle Co., A.
Sartorius Co.
Withington, C. W.
Gen. Contractors.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son,
Louis
Dempiak Bros.
Farquharson, D. B
Fee, Grant.
Fluth & Morton
Graham, D. E.
Griffith, Wm.
Hannah & Co. J.S.
Hayes & Schmidt
Jackson, A.
Shasta Lime Pro-
ducts Co.
Western Building
& Material Co.
Western Lime &
Cement Co.
Lumber.
Acme Lumber Co.
Christenson Lum-
ber Co.
Greater City Lum-
ber Co.
Hart-Wood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Kruise, J. H.
Loe Lumber Co.
Macdonald Lum-
ber Co.
Moore, R. B. Mill
& Lumber Co.
Olsen Mahoney
Lumber Co.
Pope & Talbot.
Sana Fe Lumber
Co.
Schouten Lumber
Co.
Thian & Bero-
nio
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros. & Co.
Doe Co., F. P.
**Lumber (Hard-
wood.)**
Bockmann & Co
Hockard, E. A. &
Niehaus, Ed. F. &
White Bros.
S. F. Lumber Co.
Machinery.
Harron, Richard
& McCon
Parrott & Co.

Masons & Builders
Alexander, R.
Allen, C. J.
Anderson & Bat
ney.

Arlett, A.
Back, A.
Brady, M. V.
Brady, O. E. & Son
Brandon, E. J.
Brennan, J. E.
Brigham, H. B.
Butcher, Thomas
Butcher & Halley
Byron, D. J. & Son
Campbell Bros.
Carr, J. W.

Drake, Harry E.
Downey, J.
Farrell & Reed
Fennell, Jas.
Gale, M. F. & Son
Gilson, J. E.

Harrison, A.
Hibbins & Baker
Hoek, Chas.
Hoffman, V.
Hogberg & Lud
wig.

Larsen, H. H.
Lawson, A. W.
McGowan, M.
Miller, J. W.
Murray & Mow
bray.

Mulvaney Bros.
Nagel, W. L.
O'Connor & Col
lins.

O'Rourke, T. F.
Rainey & Phil
lips.

Ringer, R. & Son
Scott, W. S.
Walker, P. J.
Watson, Sage
Watson, Sidney

White, J. M.
Whitney & Davies
Wilson, James A.
Wyvant, J. H.

Marble.
American Marble
& Mosaic Co.
Columbia Marble
Co.
Gervais, Henry

Grassl, Peter, Co.
Hunt, Andrew T.
Manno, F. L. & Co.
Musto & Sons, Jos
Keenan Co.
Vermont Marble
Co.

**Manuels, Tiles
Grates.**

Kirwin & Dono
van.
Mangrum & Otter
Montague & Co. W.
Peerless Agencies

**Metal Furring &
Lathing.**

Lynch, H. T.
National Lathing
and Furring

**Metal Window
Works.**
Dwan, J. E.

Mosaic.
Amer. Marble &
Mosaic Co.
Gervais, H.
Malno, F. L. & Co.

Office Fixtures.

Bateman, Wm.
Forbes & Son, A. J.
Fink & Schindler
Co.
Simmen, John

Painters.

Daniels, Gus V.
Donovan, V. J.
Fraser, J. P.
Kuss, P. N.
Lewellyn, J.

Maudrell, H.
Norris, C. W.
Spark, J. H.
Tucker, W. W. Co.
Neal, L. J.

Paint Burner

Paint (Damp Re
sisting).
Dwan Co. J. E.

Paints, Oils, Etc.

Bass - Heater
Fuller & Co., W. P.
Kuss, P. N.
Maudrell, H.
Pacific Refining &
Co.

Roofing
Paradine Paint Co
Whittier - Coburn
Co.

Patent Chimneys.

Clawson & Co., L.
E.

Dunley & Gettle
Dresser - McDon
nell Co.
Cal. Pottery Co.

Planing Mills.

Anderson Bros.
Buell Co., Guy A.
Burnham - Stan
ford Co.

Ca. Door Co.
Cal. Milling Co.
Central Lumber &
Milling Co.

Elkington &
Hucke

Herring Mill (Inc)
Kendall, A.
Kruse, J. H.

Lorden Mill Co., J.
Moore Mill &
Lumber Co.

National Mill &
Lumber Co.
Pacific Mfg. Co.

Reilly, P. F.
Santa Clara Mill
& Lumber Co.

San Mateo Plan
ing Mill.
Searle & Hayman

Taylor & Co.
Plasterers.

Binner, Theo.
Carrick, M. H.
Chalmers, H. A.
(Inc.)

Clark, D. Ross.

Crichton, J. L.
Coghlan, Frank
Connolly, J. J.
Connell, J. E.

Fay, John
Felt, R. L.
Floodberg & Mc
Caffery.

Fraser, Simon
Gregg & Clute
Jacobsen, N.

Knowles, A.
Leaf & Ka
Lyden & Bickel
MacGruer & Co.

Mennie, Alex.
McCleod, J. C.
Morehouse, C. C.

O'Kane & Co., C. T.
O'Sullivan & Bow
ler.

Smith & Johnson
Western Asbestos
Mag. Co.

Watson Roofing
Co.
**Plumbing & Gas
Fitting.**

Ahlbach & Mayer
Bernard, G. F.
Holland, J. P.

Keystone Sand Co.
Saulatory Flooring.
Stone, E. B. & A.
L. Co.

Fibrestone Roof
ing Co.

Sidewalk Lights.
Jackson, P. H. & Co.
McGulgan, John

Stair Builders.
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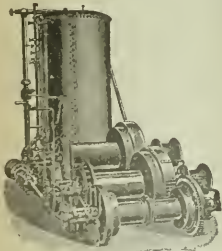
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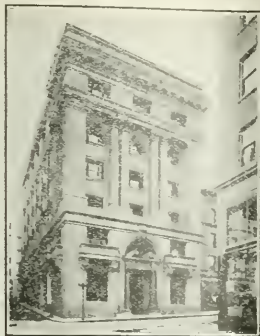
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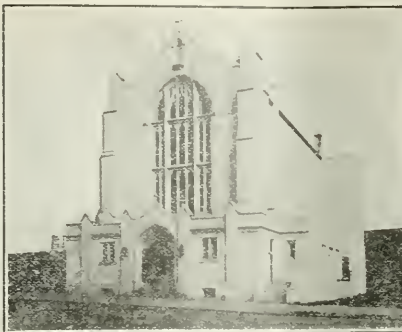
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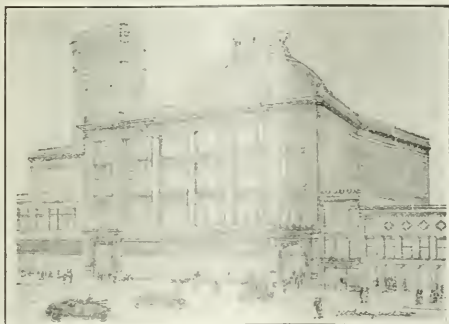
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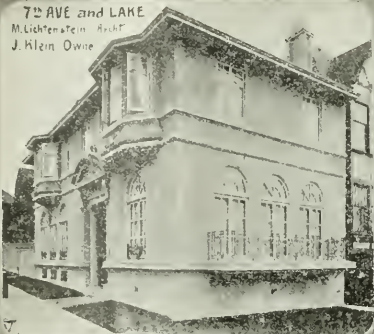
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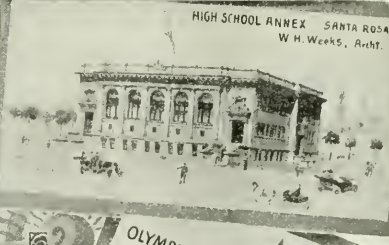
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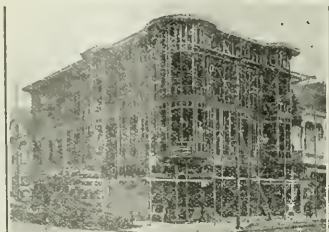
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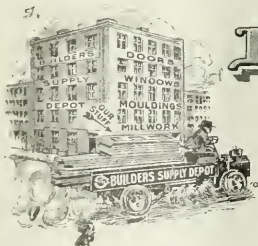
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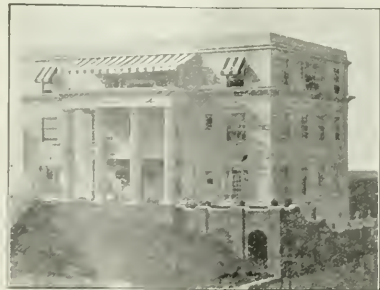


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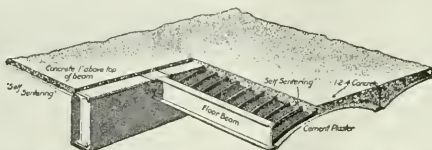
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Thirteenth Year No. 40

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Editorial Comment.

Figures given out by the government estimate on the income tax show some interesting facts in regard to the distribution of wealth. It is determined the 425,000 citizens will be subject to the tax by reason of being possessed of an income of \$2000 a year or more. Of this 425,000 fortunate ones 126,000 belong to the first class with incomes of from \$2000 to \$5000 per year. The tax on such incomes is comparatively small and the income estimated from this source is about \$630,000. The next class embraces those whose income is from \$5000 to \$10,000 and it is figured that 178,000 people will be subject to this tax. The estimated revenue from the second class is \$5,340,000. The next class are those whose income amounts to from \$25,000 to \$50,000 a year which will pay \$9,000,000 a year.

If we divide the income tax payers at the \$25,000 line it is found that 292,000 or nine-tenths of the entire number of income tax payers have less than \$25,000 income. There are only 33,000 persons who have an income of more than \$25,000 per year which is less than one-tenth of the whole number coming under the provisions of the law. Yet this one-tenth will pay more than four-fifths of the entire income tax. Four hundred and fifty people have an income of more than \$500,000 a year, and these will pay \$22,964,500 or more than one-fourth of the entire amount. The total revenue to the government from this source is estimated at \$82,000,000. It will be paid by about one-fortieth of the population. And of this one-fortieth the great amount of the tax will be paid by a very small number of persons.

The tax is a discriminatory tax on wealth graded on the greatest fortunes. It is just and equitable, as the burden of taxation should fall upon those able to bear it.

At the meeting of the old-time Telegraphers' Historical Association of the United States at Mount Clemens, Michigan, on August 28th, Thomas A. Edison sent a message over the wire to President Wilson. The occasion was of special interest, because Mr. Edison stood upon the same site where he stood when he sent his first message as a telegraph operator, and used the same instrument he used fifty-one years ago when, as a boy of fourteen, he sent his first message over the lines of the Grand Trunk Railway.

Back in the pre-telegraphic days, when Edison was only a newspaper boy on the Grand Trunk Railway, he showed his youthful enterprise by printing and selling a small newspaper containing the news along his route. He kept a little font of type in the

baggage-car and printed the paper on the train, so its items were strictly up to the minute. It was during this period that a trainman lifted him by the ears, later causing the deafness that now blurs his hearing.—Scientific American.

Tabulated facts are often interesting reading when properly arranged. As a case in point the statistics relative to the mortality rate in the Panama Canal zone is illustrative. The following taken from Leslie's Weekly shows in a striking way what can be effected by scientific sanitation:

"Panama, prior to American occupation in 1904, was known as a death hole.

Colonel William C. Gorgas of the Army medical corps was appointed by President Roosevelt to clean up the isthmus.

When he began work the death rate in the Canal Zone, Colon and Panama was 49.94 per 1000 of population.

In 1913 for the same places it was 21.18, or cut down more than one-half.

Among American employes the death rate in 1906 was 8.14 per 1000, and in 1911, an average year, it was reduced to 5.14 per 1000 for both disease and accidents.

His methods in the main have been twofold. First, clean up the cities; and second, kill the mosquitoes and enforce rigid quarantine.

To the passage of the first ship in October 3718 employes have died.

Of the total 1192 have been killed by violence.

The largest number killed in one year was 178.

An average of eleven employes has been killed every month since American occupation.

The only epidemic of yellow fever was from April to September, 1905, when thirty-seven employes died.

Smallpox, the plague and other virulent diseases have been banished.

Each employe is entitled to thirty days' sick leave on pay, with free medical attention.

About twenty-four out of every 1000 employes are constantly sick, and the hospitals have a capacity of 1200 patients.

The Department of Sanitation has 1500 employes.

It has cost to date \$16,500,000."

Sixteen and one-half million dollars is a good deal of money and yet that expenditure has been the only means of making possible the completion of the great work of the canal. Here is a concrete example of what can be accomplished by proper sanitation and correct health precautions. It demonstrates that money expended in this direction is wisely spent, for the first requisite of all things is health, and health is primarily secured by the prevention of disease.

Building Stone. Color In Selecting Materials For Building Purposes.

Wm. A. Parks, B.A., Ph.D., in the Architect, Builder and Engineer.

In deciding the sort of stone to be used for a particular building the question of color will be one of the first to arise. No stone will be selected which falls below the requirements in strength and durability, but many varieties may be submitted from among which the most desirable color will be chosen. In the selection of color, architects are controlled more or less by the prevailing style, at certain times brown sandstone has been deemed the only "correct" material for many kinds of buildings. At present there seems to be a strong tendency towards the use of the lightest colored stone possible, with regard to the intrinsic suitability of certain colors to certain types of building, the present writer does not feel competent to speak. It will suffice to point out to the general reader that architects clearly recognize the adaptability of certain colors to certain purposes and that a transgression of the rules of harmony in color is as fatal to the appearance of a building as to that of any other work of art. Another factor that should be considered in choosing the color of stone is the conditions to which it is to be exposed, for instance, it does not seem wise to expose a light colored and porous stone to the smoke and fumes of a railway station.

The colors presented by various kinds of stone are so variable that general remarks are of little value. Uniformity of color is desirable and, on a broad scale, it is essential, but if the variation of color manifests itself only as minute streaks and spots, the stone is still acceptable, for the tone of the whole building will be uniform at a short distance. For instance, the yellowish and streaked Nepean sandstone, so largely employed in public buildings in Ottawa, loses little by the lack of uniformity in color, and the same may be said of the purplish streaked sandstone quarried near Perth, Ont. On the other hand, the using of individual blocks of stone of a different color among a more uniform lot produces a very unsightly effect. In many of the limestone quarries the different beds are used indiscriminately, with disastrous results as to color. This desire to utilize at once the whole product of a quarry is more destructive of uniformity of color in buildings than any cause with which I am acquainted. If the various beds in a quarry vary in color, the product should be classified, and the stone from a single bed used for an individual purpose. There are, however, several good reasons why this is not done. In the first place, in most of the smaller quarries, the stone for a building is actually quarried for that particular building, frequently by contract. It is therefore difficult, in fact, economically impossible, to supply stone from a single bed alone; the result being that all the beds are used, frequently with unsightly effect. The only cure for this evil lies in more extensive operations and accumulation of stock of the

various kinds of stone. A second practical reason why stone of different color is employed in the same structure lies in the fact that certain of the beds are of the proper thickness for the making of sills, lintels, etc. Differences of color are almost universally overlooked in the construction of the smaller buildings in order to make use of stone of convenient thickness. The only remedy for this practice lies in the willingness of builders to pay more for the stone. From the above remarks it will be seen that a quarry which presents the same color throughout the various beds is very much more valuable than one which does not.

While many of the colors presented by stone are acceptable, at least for certain purposes, some tints are in themselves objectionable, particularly muddy shades of yellow and green. There are also differences in appearance, which cannot be described as mere color. For instance, many of the gray sandstones are bright and cheerful in color while others present a dull or "dead" aspect. Two limestones, not materially different in color, may nevertheless differ greatly in the "liveliness" of their appearance. In this connection it is well to bear in mind that it is a somewhat difficult matter to form a conception of the artistic effect of a whole building from the inspection of the color of a small specimen of stone. The aspect if not the real color of stone, also varies greatly according to the manner of dressing; a building of bush-hammered stone will present a very different color from a structure of the same stone with rock face. Finally, there are few stones which maintain their original color for a long series of years, in fact it is often more important to ascertain the eventual color that a stone will assume than to learn its hue when freshly quarried. Any description of color is inadequate to convey to the mind of a reader an exact conception of the appearance unless accompanied by a reference to some well-known tint.

Color of Granites.—In the case of the granites, composed as they are of different minerals, the color effect is necessarily spotted or speckled. The coarser the grain of the granite the more pronounced is this appearance. The very fine granites, in which the individual minerals are about seven one-thousandths of an inch long, lose this speckled appearance and appear almost homogenous when viewed from a short distance. A granite in which the feldspars measure less than one-fifth and two-fifths of an inch the stone is "medium"; if the feldspars exceed two-fifths of an inch in length the stone is "coarse."

As already seen, the actual color of the component minerals of a granite varies greatly. The quartz may be clear, or milk white, or slightly tinted; for instance, in the Kingston granite the quartz is bluish. It is to the color of the feldspar, however, that most

granites owe their characteristic appearance. This material usually makes up the bulk of a granite, so that its color, modified by that of the other materials, determines the color of the rock. The commoner colors of feldspar are red and white and we have in consequence red and white granites, but the latter are grey rather than white, owing to the effect of the other minerals in modifying the white of the feldspar. Light grey and dark grey varieties differ only in the degree that the white of the feldspar is reduced by the presence of black mica. In the red granites the feldspar itself varies greatly in the intensity of its color showing tints from a light pink to a deep blood red. As in the case of the grey granites, the red of the feldspar is modified by the presence of varying amounts of black mica. The uniform appearance of granites is frequently marred by the presence of "knots," which are segregations of the original magma in which a much higher percentage of black mica is present. The development of an indistinct banded structure or parallel arrangement of the individual components detracts from the appearance of a granite. Many of the Ontario granites show this peculiarity, which is an evidence of their gradual passage into gneisses.

The feldspar individuals, more particularly in the syenites, possess other colors than white or red. Grey, blue and bluish grey are the commoner tints, but an almost endless number of colors may occasionally be recognized. Many of these feldspars possess a pronounced iridescence, so that the polished surface of the stone presents a sheen when viewed from different positions. The beautiful monumental syenites from Norway owe their chief charm to this peculiarity of the feldspar.

Whatever the color of the granite, the stone usually presents a much lighter color when bush-hammered than when polished; this difference of color between the polished and the hammered work is taken advantage of in order to form a strong contrast in finishing monuments.

The so-called black granites which are really igneous rocks of very different composition, including such stones as diabase, gabbro, diorite, etc., derive their dark color from the large amount of black hornblende or augite present.

Color of Sandstone.—The constituent grains of the better grades of sandstone are nearly always quartz although other minerals may be present in small amounts. As the quartz grains are normally either colorless or white, it is to the color of the cementing material that we must look for the general color of the rock. This material is commonly either clay or iron oxide or lime. The lighter colored white and grey sandstones are cemented by clay or lime or an admixture of both, but those in which lime predominates are not only brighter in ap-

Wednesday Oct., 8, 1913.

BUILDING AND INDUSTRIAL NEWS

pearance but more durable. Very argillaceous sandstones are dull in appearance and are liable to speedy disintegration. Sandstones having iron oxide as a cementing material usually show some tone of red or brown. If the whole of the cement is ferric oxide the stone is bright red, but by an admixture with other substances it may fade to a pinkish color, or may range through shades of chocolate to a dark brown.

Sandstones frequently present a banded structure showing variations in color. The stone from near Perth, Ont., for instance, is of a whitish color with purple bands, and much of the Nepean sandstone is banded with yellow. In a finer way, the lines of original sedimentation are manifest on the face of blocks of sandstone as fine parallel streaks of slightly different color; much of the Medina sandstone from the Forks of the Credit, Ont., is marked in this way (reedy.) It is seldom that all the beds in a quarry of colored sandstone present the same tint, and even the same bed frequently shows a different color in different places. Not only by banding is the uniformity of sandstones marred but also by the presence of spots or blotches usually of a lighter color than the main portion of the rock. The mottled Medina sandstone at Grimsby and at Merriton, Ont., shows a brown base with regular white blotches scattered through it.

While the majority of sandstones present a color from white to grey or from pink to dark brown, some well known stones are of an entirely different tint. For instance, the "blue-stone" of the state of New York is a sandstone in which quartzose and feldspathic grains are cemented by a matrix of hornblende fibres together with less important substances. The "Silvery" sandstone of Quebec is greenish in color, and yellowish tints are shown by the stone from many localities.

Color of Limestones.—Perfectly pure limestone is white in color and all departures from white must be considered as due to the presence of some kind of impurity. The coloring material may be chemically combined with the carbonate of lime in the form of carbonate of iron or manganese, or it may be present as a foreign material mingled with the particles of lime carbonate.

By far the commonest impurity of limestone is clay, whereby the color is altered to the familiar "greyish" or "stone" color. Carbonaceous matter is frequently present, resulting in stone of a very dark color as in the case of many of the Black River limestones of Eastern Canada. Much of the so-called blue limestones owes its color to the same ingredient. Yellow limestones are dependent for their color on some form of iron and the same is generally true of greenish stones. Red limestone is of less frequent occurrence, but examples are not unknown; the color in this case is owing to the presence of iron in a thoroughly oxidized condition. Although many different tints are occasionally met with in limestones, white, yellow and bluish-grey must be regarded as by far the most common.

Color of Marbles.—Pure marble is pure white, but the departures from this color are so numerous and due to so many different causes that general

remarks are of little value. The question of color in marbles is therefore more easily discussed when specific cases are considered.

CONSTRUCTION OF HIGHWAYS.

By Hon. Ernest Lester, Governor, State of Washington.

Address delivered at the Three States Good Roads Rally at Eureka, Cal., Aug. 19-20-21, 1913, which resulted in the permanent organization of the Pacific Coast Good Roads Association.

The subject assigned to me, "The General Necessity of Good Roads," is one upon which there is so little difference of opinion, and upon which the public is so united, that there appears to be little to be added to what has already been said regarding it.

There has been a marked change in sentiment in recent years along this line. Until a short time ago, the appeal of a farmer for a road that would enable him to deliver his products to the market at a reasonable cost for transportation, received little encouragement from the city man; and if the city man appealed to the county authorities for the construction or improvement of a road that would enable him to enjoy a trip to the country districts by automobile, he usually found the farmer against him. In the matter of road construction, each considered the other his enemy.

The secret of the new order of things rests in the constant agitation that has been carried on by the good roads' enthusiasts, in emphasizing the great benefits to be derived by the farmer through the construction of good roads, and in educating the motorist to see that the road benefiting the farmer, and making it possible for the farmer to further improve and develop his lands, is, in almost every instance, the best road for the motorist or automobile owner.

Today we find the city man and the farmer working hand in hand for good roads, and as a result of this united effort, more and better results have been accomplished in the past five years in road construction than in any ten-year period previously. Today the road that will make it possible for the farmer to transport his produce to the town or city at a minimum cost, has the support of the city tradesman, for it also enables him to reach the farmer with his wares at the lowest possible cost. All who desire the pleasure of automobiling, enjoy traveling through a thickly settled, well improved and prosperous farming district.

As a result of the united effort now being made, a better class of roads is being constructed than ever before. Formerly, in road construction, the lines of least resistance were too often followed, regardless of the value of the road for service, after completion. Roads with grades of 10, 12 and 15 per cent were formerly built, when by making cuts or fills or short detours, these excessive grades could have been eliminated. No matter how good the road may be, with such excessive grades the load drawing ability of a team has to be figured on the basis of the heaviest grade over which the load can be hauled. Even though, over a

road 10 miles in length it might be possible to haul a load of three tons on 9 of the 10 miles, if the grades over the other mile permit the hauling of a load of only one ton, one ton is the maximum load that can be hauled over the entire distance of 10 miles. Thus, the drawing capacity of a team is reduced to one-third of what it would be with easy grades established along the one mile of the 10 miles to be covered.

With the development of road construction in recent years, one of the important matters considered has been and will continue to be, the cost per mile of hauling. Railroads are constantly engaged in reducing grades their lines, for the sole purpose of reducing the cost per ton mile in the handling of freight; and today this is also considered one of the most important elements in highway construction.

In the State of Washington a rule has been adopted in the laying out of all new roads, fixing the maximum grades at not to exceed 5 per cent. Only in exceptional cases is there deviation from this rule. The benefits derived from adoption of this rule, can readily be seen when comparison is made with the grades on roads constructed under the old system.

I have found that a great deal of the opposition to road construction on the part of taxpayers has been caused by a feeling that oftentimes money has been wasted in this line of work. While realizing the necessity for good roads, they have felt that money has been expended in large amounts for temporary work, from which they have received no real and lasting benefit. What the taxpayer desires is road construction of a permanent character, and to be convinced that a dollar's worth of value is received for every dollar expended. He is ready to pay the bills if convinced that the public funds are not being wasted. To have his full confidence, whenever road work is undertaken, it must be work along lines that will not have to be done over again the next year as a result of inefficient and incompetent engineering or construction.

For a number of years I was engaged in road building, and were I asked to give my views regarding the most important part of highway construction, I would answer: "Drainage." Roads, otherwise of good construction have oftentimes been ruined in a short time as a result of insufficient drainage. No matter how much care may be exercised in the grading of a roadway, if proper provision is not made to carry away the water that comes as a result of heavy rainfall or from side-hill drainage, there will be endless expense incurred in the effort to maintain it. In constructing a road, even though it be but the natural soil or gravel roadway, the drainage should be of permanent character. Terra cotta or concrete pipes, and concrete culverts, if properly built and placed will remain forever, while wooden boxes or culverts must be replaced frequently, necessitating tearing up the surface of the road.

Next in order, it appears to me, comes the question of proper grades. As I have stated before, in our state we endeavor at all times to fix grades at not to exceed 5 per cent, even on our mountain roads. This makes it

possible to handle heavy loads over every portion of the road. It is also important that the permanent grade be established when the work is first done, so that when the time arrives to place a hard or metal surface on the road, it will not be necessary to re-grade the roadbed, and entirely destroy the road previously done.

The proper crowding of a road is also important, so that the water will not remain on the traveled surface, but will drain into the ditches at each side of the road. Too often the drainage ditches are the ruts made in the roads by the wagon wheels.

At the last session of our legislature an appropriation equal to 5 per cent of the total appropriation made for highway construction, was set aside for maintenance. A small amount of work, done at the proper time in the maintenance of a highway, means much in the life of the road. Recent investigations have convinced me that a road drag, used when the road is in condition to get the best results, is one of the cheapest and most effective methods that can be adopted to keep a road in good condition. The road drag is one of the cheapest of all road machines, and with it one team will cover several miles of 16 or even 24 foot roadway in a day. Wherever it has been used intelligently in our state, the results have been eminently satisfactory.

I have endeavored to place before you a few of my ideas regarding the construction of good roads. I have done this, knowing that there are men here today who have had much more experience than I in this work, and who are more able to present these matters to you. My suggestions have been made with the hope that they may be of some small benefit in the great work in which, not only we of California, Oregon and Washington are interested, but in which the people of every state in the Union are interested. I feel that next in importance to our public school system, in the proper development of our country, comes the question of good roads.

Before closing I desire to say that the state of Washington is putting forth every effort in the construction of a highway from the northern boundary of our state to the southern boundary at the Columbia River, that will be a part of the great Pacific Highway. By 1915, the year during which the Panama-Pacific International Exposition is held, we will have this highway in excellent condition for automobile travel from one boundary of the state to the other, and we of Washington hope that our California and Oregon neighbors will visit us and see the wonderful resources of the great Pacific Northwest.

INCREASING EXPORTS OF CLAY PRODUCTS.

The exports of domestic clay products from the United States in 1912 were valued at \$5,000,895, an increase of \$1,335,175, or 36.4 per cent; in 1911 they increased \$1,021,118, or 38.6 per cent. Of these exports, 76.45 per cent was brick and tile and 23.55 per cent was pottery. Brick and tile exports increased \$1,558,757, or 68.84 per cent, in 1912.

Weber Memorial, Stockton, Cal.

CONDITIONS FOR ALL CONTESTANTS.

Notice is hereby given that the Weber Memorial Committee of the City of Stockton, invites architects to submit competitive designs for a Coicrete Pavilion to be erected as a memorial to Captain C. M. Weber, the founder of Stockton, and this competition shall be subject to the terms and conditions herein set forth.

The author of the design awarded first place in the competition will receive a cash prize of Fifty Dollars (\$50.00), and will be appointed architect of the structure, provided that in the judgment of the jury of award the merit of the designs submitted justifies such award. The compensation for full architectural services to be rendered by the architect awarded first prize shall be determined in accordance with paragraph one (1) of the schedule of proper minimum charges adopted by the American Institute of Architects.

The competition is open to all architects of the state.

The committee reserves the right to retain the drawings awarded first prize for such a time as may be necessary to secure sufficient funds to complete the structure, and shall be entitled to publish said drawings in pamphlet form, newspapers, magazines, etc. Drawings to remain the property of the author, however, and to be returned to him on completion of the project.

The structure is to be situated at or near the center of Hunter Square and is intended for band concerts, public speaking, etc. It shall contain approximately 750 square feet of floor space and be provided with a store room for furniture, etc; also public lavatories—male and female—completely equipped with the latest sanitary devices.

An appropriate setting of lawn and shrubbery, also an adequate and decorative lighting scheme shall be included in the design. No restrictions are placed on the designer as to the material to be used in the construction, except that it shall be fireproof. Economy of cost is one of the elements of importance in this competition and in awarding the prize, consideration will be given to simplicity in design, and convenience in arrangement.

Hunter Square is rectangular in shape—extends north and south 303 feet, facing Main street on the south and Weber avenue on the north. In width it is 152 feet between curbs. The County Court House, surrounded by lawn and palms, occupies the entire eastern frontage, and unbroken line of stores and office buildings bounds it on the west. The square is asphaltum paved and approximately level.

Two drawings will be required as follows:

One block plan drawn to a scale of $\frac{1}{2}$ inch to one foot—rendered in India ink.

One elevation drawn to a scale of $\frac{1}{2}$ inch to one foot rendered in a medium suitable for reproduction. In case one elevation is not sufficient to properly express the design, a second elevation—in pencil—may be submitted.

Each design may be accompanied by a brief typewritten description, consisting of a memorandum specification and such other information as the author may find desirable in elucidating his drawings.

No competitor shall submit more than one design.

All drawings together with the accompanying papers, must be delivered at the office of the secretary, Mr. J. P. Irish, Jr., Chamber of Commerce, Weber avenue, Stockton, California, on or before November 1st, 1913, at 5 o'clock.

Each design must be accompanied by an opaque sealed envelope containing the author's card and address. Neither the drawings nor any papers accompanying them, nor any marks upon the package shall in any manner, directly or indirectly, disclose the identity of the competitor. All drawings and other papers accompanying each design must be securely enclosed in one flat, sealed package plainly marked: "Weber Memorial Competition." Plans received after the hour last named above, cannot be considered and will be held unopened subject to call.

A violation of any of the above conditions by any competitor will exclude his design from the competition. For further information address JOHN P. IRISH, JR., Secretary, Chamber of Commerce, Stockton, Calif.

NO BISMUTH MINED.

So far as known to the United States Geological Survey no bismuth was produced in this country in 1912, although a little ore taken from a mine at Leadville, Colo., in 1911 was sold in 1912. The ore was rich in gold and carried 15.47 per cent of bismuth. A considerable quantity of bismuth was produced as a by-product of smelters, and it appears entirely possible that in time enough bismuth may be produced from the various smelters to supply the domestic market. The imports of bismuth in 1912 amounted to 182,840 pounds, valued at \$316,140.

Metallic bismuth is employed in making low-fusing alloys or etiche metals which are used in automatic fire sprinklers, fuses for electric wiring, and solder. Some of the salts have a smooth, unctuous feel and are used in face and toilet powders and in medicinal preparations. Bismuth is also employed to a small extent in making optical glasses.

WANTS \$10,000 FOR FALL.

SACRAMENTO, Oct. 4.—Harry Redman, a structural iron worker, has filed suit against the California Construction Company for \$10,000 damages as a result of a fall. While Redman was employed on the State Armory in August, he alleges he was forced to climb a gin-pole by means of cleats imperfectly nailed to the pole. One of the cleats came off, and he fell twenty feet below. He says the injuries he received are permanent.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$125,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, H. H. Juhl, Merchants' Exchange Bldg., S. F. This building is to be erected on the south line of Sutter street west of Jones and will have a street frontage of 68 feet 9 inches by a depth of 123 feet. The structure will contain a total of 54 suites arranged in two and three rooms. Interior finish will be of pine, elm and mahogany. Hardwood floors will be used in the halls and living rooms. All suites will have private bath rooms and wall beds. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel, \$20,000. Architect, Louis M. Gardner, Phelan Bldg., S. F. Owners, Cameron and Diston, Hearst Bldg. The building will be erected on the west side of Hyde street south of Post, covering an area of 39x56 feet. There will be 14 suites of two and three rooms. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners who are well known contractors and will carry on the construction by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, brick and frame, \$75,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on Harrison street, covering a large ground area. Plans provide for a total of 115 rooms, which are to be arranged in suites of two, three and four rooms. All interior finish will be of pine. Some hardwood floors will be used. There will be steam heat a vacuum cleaning system and hot water supply. All suites will have wall beds and private bath rooms. Composition floors and tile wainscot will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with brick veneer. Plans are complete and figures are being taken.

SANTA MONICA, LOS ANGELES CO., CAL.—Apartment house 3 story and base, brick. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Martin O'llara. The building will be erected on Ocean avenue, and will have a frontage of 50 feet and a depth of 50 feet. There will be stores on the first floor and about 10 rooms arranged in two and three room suites on the upper floors. Interior finish will be of pine through-

out. All suites will have wall beds and private bath rooms. There will be steam heat and a hot water system. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$55,000. Architect, E. B. Hagan, 1541 West 46th street, L. A. Owner, Ernest C. Hillman. The building will be erected on Ingraham street near Hill and will cover an area of 54 feet by 120 feet. There will be a total of 56 rooms, which will be arranged in two and three room suites. Plans also provide for amusement rooms, lobby, ball room and billiard hall. Interior finish will be of pine with some elm panels. There will be steam heat, elevator service, hot and cold running water and a vacuum cleaning system. All suites will have connecting bath's and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Charles Arisman, 2714 East 4th street will be in charge.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$60,000. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Contractors, E. W. Smith & Sons, Trust and Savings Bldg., L. A. Contract price, \$60,000.

BANKS.

BEAVERTON, ORE.—Bank and office, 2 story and base, brick, \$20,000. Architects, Claussen & Claussen, Maskey Bldg., Portland. Owner's name withheld. The building will be erected on a corner site and will contain, beside the banking rooms, one store on the first floor and a number of offices on the second floor. Interior finish will be of pine and hardwoods. There will be fireproof coin and safe deposit vaults. Some ornamental plaster and iron will be used. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGES, DAMS AND HARBOR WORK.

MARYSVILLE, YUBA CO., CAL.—Bridge, reinforced concrete, \$20,000. Engineer, City Engineer, Marysville. Owners, City of Marysville. The following bids were received by the City Council of Marysville for the construction of the reinforced concrete bridge over the Feather River at Marysville: Ross Construction Co., Sacramento, original plans, \$32,760, revised plans, \$31,750, \$19,750. Geo. W. Martin & Son, Sacramento, original plans, \$20,990, Portland Concrete Pile Co., San Francisco, original plans, \$5,310. Gorrell Bros., San Francisco, original plans, \$26,500. W. W. Concanon Co., San Francisco, original plans, \$25,-

950; own design, \$23,960. All bids have been taken under advisement until the next meeting of the City Council.

Contracts Awarded.

PORTLAND, ORE.—Concrete retaining wall, \$14,036. Engineer, City Department of Engineering, Portland. Owners, City of Portland. Contractors, J. S. Winters Co., Portland. Contract price, \$14,036.

CHURCHES.

SAN FRANCISCO—Church, 1 story, frame, \$12,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Japanese Mission. This building has been mentioned here before when the architects were first commissioned to prepare plans. The building will cover an area of 50x100 feet, and has been designed in the Greek Classic style. Interior will be finished in pine throughout. A central heating system will be installed. Ornamental plaster and art glass will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are now out for figures.

LOS ANGELES, CAL.—Church, Class A construction, \$200,000 to \$250,000. Architects, Imbs & Comes, St. Louis, Mo. Owners, St. Vincent's Roman Catholic Church, Rev. Father Glass. Father Glass and Mr. Imbs have just returned from a European trip and working drawings will shortly be started for a handsome new edifice which is to be erected at the corner of West Adams and Figueroa streets. No details of the construction have been determined upon. Further mention will be made of this work as the plans progress.

LOS ANGELES, CAL.—Church, 1 story, frame. Cost not stated. Architect, Harold Cross, Consolidated Realty Bldg., L. A. Owners, Grace Presbyterian Church. A new building covering an area of 54x60 feet will be erected for the Grace Presbyterian Church. Design is in the classic style, exterior being faced with cement plaster. There will be Sunday school rooms besides the main auditorium. Interior finish will be of pine throughout. Some art glass will be used. Plans are complete and the work will be done by Day Labor. H. B. Menzinger, 1442 Mt. Pleasant street will be in charge of the work.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Foundry equipment and spark catcher. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and bids are now being called for by the Board of Education for furnishing and installing a spark catcher and other foundry equipment in the Polytechnic High School. Full particulars can be secured from the Board of Education, Temporary City Hall. Bids will be opened on October 7th.

PORTLAND, ORE.—Warehouse, 2 story and base, brick and steel, \$60,000. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owners, D. P. Thompson Estate. The building will be erected on the East Side, and will have a frontage of 200 feet by a depth of 100 feet. Construction will be of the heavy mill type. Spur track

facilities have been provided. No interior finish will be used. Plans provide for metal window sash, fireproof doors and an automatic sprinkler system. Exterior of the building will be faced with stock brick. Plans are complete and figures are now being taken by the architects.

LOS ANGELES, CAL.—Brewery addition, brick and steel. Cost not stated. Architect, John E. Kunst, Higgins Bldg., L. A. Owners, Mathie Brewing Co. This work will be done at the company's plant on North Main street. Construction will be of steel and brick. Work includes several large tanks and a 90-foot water tower. No interior finish will be required. Exterior of the building will be faced with red pressed brick. Plans are now being prepared.

TORRANCE, LOS ANGELES CO., CAL.—Factory, 2 story and base, brick. Cost not stated. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, National Mosaic Tile Co. The building will cover an area of 200x400 feet. Considerable structural steel will be used in the building and roof trusses. There will be metal window sash and frames and a cement and tile floor. Roof will be of tile. Interior of the office portion of the building will be finished in pine. Exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

SACRAMENTO, CAL.—Grain elevator, reinforced concrete. Cost not stated. Architect, P. J. Herold, Forum Bldg., Sacramento. Owners, Phoenix Milling Co. Contractors, Northern Construction Co., S. F. Contract price not stated.

FIRE HOUSES.

SAN FRANCISCO—Fire house, 2 story and base, brick and steel. Cost not stated. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Plans for a new fire station to be erected at the corner of East and Commercial streets have been completed by the architects and turned over to the Board of Public Works. The structure will contain the usual apparatus room, and upper floor will be arranged for quarters for the men. Interior finish will be of pine and hardwoods. Special plumbing and electric work will be installed. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Bids will be called for as soon as the plans receive final approval. Further mention will be made of the work at that time.

FLATS.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$4,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Healy. The building will be erected on 29th street near Richmond Boulevard, and has been designed to contain two modern flats of five rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be a large open fire place in each living room. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on metal

lath. Plans are now being prepared. Bids will be called for in about two weeks.

GARAGES.

OAKLAND, CAL.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Coast Agency, Kissell Car. This work has been mentioned here before when plans were first started. The building will be erected at the corner of 24th street and Broadway and will be classic in design. Interior of the front portion of the structure which is to be used for a sales room will be handsomely finished in pine and hardwoods. Rear portion will contain storage space and shipping department. Construction will be fireproof. Considerable ornamental plaster and marble and tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Prospective Bidders.

Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Casper, Wyo. Construction, October 24. Robert L. La Fontain, Cheyenne, Wyo.

W. D. Lovell, 1415 8th street southeast, Minneapolis, Minn.
J. H. Wiese, City National Bank Building, Omaha, Neb.
J. H. Esmay Co, Douglas, Wyo.
J. F. Jenkins & Co., Ocala, Fla.
King Lumber Co., Charlottesville, Va.

Ice Plant, Pearl Harbor.

The Chief, Bureau of Yards and Docks, Navy Department, is calling for bids to be opened November 1, for ice-making and cold-storage plant at the naval station, Pearl Harbor, Hawaii. The building is to have a concrete foundation, reinforced concrete pilasters, with terra cotta curtain walls and partitions, steel trusses and corrugated steel roofing. The building shall be 75 feet 10 inches long by 51 feet wide. An alternate proposition is requested if roof is sheathed and covered with asbestos slate in place of corrugated steel roofing. There is available for the work \$9,000.

Pipes and Valves, Arrowrock Dam.

The Secretary of the Interior has directed the Reclamation Service to execute contract with the Minneapolis Steel and Machinery Co., of Minneapolis, Minn., for furnishing semisteel discharge pipe for balancing valves for the Arrowrock dam, Boise Irrigation project, Idaho. The contract price is \$19,420.42.

San Francisco, Cal., Painting Custom House.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for interior painting of the U. S. custom house, San Francisco, Cal.:

Grohne Construction Co., Joliet, Ill., \$10,700.
D. Zelinsky, San Francisco, Cal., \$12,300.
Isidor Kissel, San Francisco, Cal., \$8,300.
Elting A. Hansen, San Francisco, Cal., \$11,650.
Wm. Bernstein, San Francisco, Cal., \$14,350.
Max Cohn, San Francisco, Cal., \$10,170.
W. R. Eaton, \$8,600; bid not signed.

Heating, Fort D. A. Russell.

The contract for the heating in the Q. M. storehouse at Fort D. A. Russell, Wyo., has been awarded to W. W. Keefe, of Cheyenne, Wyo., at \$1,625.

Tunnel for Grand Valley.

The Secretary of the Interior has authorized the Reclamation Service to construct tunnel No. 3 on the highline canal of the Grand Valley irrigation project, Colo. Tunnel No. 1 is practically completed, and the force and equipment will be transferred to tunnel No. 3. This tunnel will be 7,280 feet in length, 11 feet 6 inches wide, and 11 feet high. An allotment of \$415,000 has been made for the work.

Cost of Battleships.

The report of the naval board of inspections for shore stations contains an allusion to the difference in cost in the construction of battleships at navy yards and at private plants in order to show it was necessary to make some important installations at the New York navy yard in anticipation of work on battleship No. 39. It is stated that the "hull work on the Florida, which was built at the New York navy yard, cost more than the both the hull and machinery equipment of the Utah, the sister ship, which was built at the works of the New York Shipbuilding Company." It is a fact that the cost of the hull and machinery of the Florida was much more than that of the Utah. The expenditure amounted to \$6,286,143, of which sum \$4,193,598 was expended on the hull as against less than \$4,000,000, which was the contract price of the Utah. No such difference, however, will exist between the cost of battleship No. 39, to be built at New York, and the Pennsylvania, of identical design, under construction at Newport News by contract. The contract price of the Pennsylvania is \$7,260,000, or within \$165,000 of the limit of cost imposed by Congress. This increase in contract price is due directly to the eight-hour law, which places the shipbuilder on a par with the navy yard when it comes to building battleships.

Structural Steelwork, Pearl Harbor.

Bids are to be opened October 18 at the bureau of yards and docks, Navy Department, Washington, D. C., for structural steelwork for coaling plant at the naval station, Pearl Harbor, Hawaii, estimated cost of the work being \$350,000.

General Description.—The work comprises a steel trestle on the main wharf for carrying the rails to support coal-hoisting towers of 30-foot gage, center to center of rails, and a standard-gage railway track, supported by brackets extending beyond the outboard trestle columns. There are also trestles on the approach piers carrying

the standard-gage railway track and connecting with shore trestles, which in turn connect with eight lines of single track over the coal basins. On the shore, with the exception of the trestles over the coal basins, the track girders are supported on braced steel towers. Girder ends over the coal basins are to be carried by concrete piers to be built by the government. At the inshore end of the straight portion of the track running parallel to the southerly side of the coal basin there shall be a steel trestle ramp connecting the elevated track with the surface track. Two large portable coal chutes hung to steel frames supported on wheels running upon a rail on the wharf floor are to be built and installed; the chute frames to be held near their upper end by trolleys bearing against the flanges of a horizontal longitudinal girder fastened to the outboard column brackets. The power for operating the chutes shall be manual.

General Dimensions.—The trestle on the main wharf is 460 feet long, center to end posts on the wharf.

The curved trestle on the south approach wharf to the main pier is about 200 feet long and 15 feet wide, center to center of columns.

The trestle on the north approach to the main pier is about 200 feet long and 15 feet wide, center to center of columns.

On the shore side of the coal basin there is about 1,500 feet of straight elevated track and about 1,100 feet of curved track; over the basin there is about 3,600 feet of straight elevated track and about 2,600 feet of curved track. The total amount of elevated trackage, including wharf and approaches, is about 9,600 feet.

Pumping Units, Salt River Project. Under advertisement No. 224 the following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., for pumping units for the Salt River project, the unit to consist of 3 1½-inch pumps, direct-connected motors.

Byron Jackson Iron Works, Los Angeles, Cal., \$564, weight 500 pounds time 30 days; G. E. motor; West Berkeley delivery.

C. F. Braun & Co., San Francisco, Cal., \$573, weight 575 pounds each, time 40 days; Alberger pump and 2-H. P. G. E. motor; delivery Newburgh, N. Y.

United Iron Works, Los Angeles, Cal., delivery Oakland Cal., \$580, weight 600 pounds, time 30 days; 2-H. P. G. E. motor.

Vertical Pumping Unit.

The following bids were opened under advertisement No. 228, for vertical pumping unit for the Truckee-Carson project, being a readvertisement of No. 225, original date of opening September 11:

Byron Jackson Co., Los Angeles Cal., shipping point, West Berkeley, Cal., \$839, with 10-H. P. motor; deduct \$40.47 for 7½-H. P. motor; delivery at West Berkeley, 70 days.

United Iron Works, Los Angeles, Cal., \$892 1th 7½-H. P. motor, Solenoid starter, 75 days at Los Angeles, eight 4,500 pounds, or \$760 with 7½-H. P. motor, Schureman float switch starter, 75 days, weight 4,100 pounds.

Doors and Windows, Minidoka Project.

The following bids were opened at

the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing 8 windows, 1 pair of doors, and 1 single door, all complete with frames:

Pacific Sash and Door Co., Los Angeles, Cal., \$125; weight, 1,800 pounds; delivery, 10 days, Los Angeles.

Morrison, Merrill & Co., Salt Lake City, Utah, \$191.65; weight, 3,200 pounds; delivery, 10 days, Salt Lake.

Pearl Harbor, H. T., Magazine Buildings.

The following bids were received at the bureau of yards and docks, Navy Department, Washington, D. C., for constructing seven magazine buildings at the U. S. naval station, Pearl Harbor, H. T.:

Spalding Construction Co., Chamber of Commerce Building, Portland, Ore., \$109,800.

W. N. Concanon, Monadnock Building, San Francisco, Cal., \$111,637.

B. T. Owsley, 311 Sharon Building, San Francisco, Cal., \$111,500.

Lord-Young Engineering Co., Ltd., Honolulu, H. T., \$109,400.

Penn Bridge Co., Washington, D. C., \$149,800.

Puget Sound Compressors, Filters, Etc.

The bid of the Laidlaw-Dunn-Gordon Co., 115 Broadway, New York City, \$39,800 in amount, has been accepted for furnishing compressors, filters, etc., for the Puget Sound navy yard, bids for which were opened August 30.

Wire and Conduit.

Bids were opened at the U. S. Reclamation Service, Los Angeles, Cal., for furnishing copper wire and conduits Burley substation, Minidoka project, Idaho:

John A. Roebling's Sons Co., Los Angeles, Cal., item 1, \$269.45; 30 days; delivery, Trenton, N. J.

Western Electric Co., Los Angeles, Cal., \$218.50; not on material called for; 7 days delivery, Los Angeles.

Pacific States Electric Co., Los Angeles, Cal., item 2, \$82.15; 2 days, Los Angeles.

HALLS AND SOCIETY BUILDINGS.

SACRAMENTO, CAL.—Lodge hall, 4 story and base, brick and steel. Cost not stated. Architect, Washington J. Miller, 45 Kearny street, S. F. Owners, Native Sons of the Golden West. The building will be erected on one of the down town business streets and will have a considerable frontage. The entire building will be devoted to the order. There will be a large lodge room, banquet hall, reception rooms, ladies' and gentlemen's parlors, smoking room and billiard hall. Interior finish will be of pine and hardwoods. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BEIKKELEY, ALAMEDA CO., CAL.—Lodge hall, 3 story and base, reinforced concrete. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Berkeley Elks' Hall Association. This work has been mentioned here before when plans were first started. Working drawings are now complete and bids are being taken. The building will be erected at the corner of

Allston and Harrold streets, and when completed will be the finest lodge hall in Berkeley. Interior will be finished in pine and hardwoods. Plans include several large lodge rooms, ball room, banquet hall, library, ladies' and gentlemen's parlors, billiard room and living apartments. There will be steam heat, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster.

HOSPITALS.

SAN FRANCISCO—Hospital shades and linoleum. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be received on October 8th by the Board of Public Works for furnishing and installing window shades and linoleum in the eight principal buildings of the San Francisco Hospital group. Full particulars can be secured from the Board of Public Works, Temporary City Hall Building.

LOS ANGELES, CAL.—Hospital administration building, 4 story and base, brick and steel. Cost not stated. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. Plans for the administration building, which will cover an area of 111x60 feet have been completed and have received the approval of the Building Committee. Contractors are now figuring the excavating and concrete work. Other parts of the work will be let in segregated contracts. Plans can be secured from the architects.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$12,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Isidor Rosenberg. The building will be erected on the east side of Larkin street north of California, and will contain a store on the first floor and about 40 guest rooms on the upper two floors. Interior finish will be of pine throughout. Besides the guest rooms there will be a number of public baths. Tile wainscot will be used in the bath rooms. Plans provide for a hot water supply. Exterior of the building will be covered with white Medus cement. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Hotel, 7 story and base, steel and brick, \$110,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Friedman Realty Co. This work has been mentioned here before. The structure will be erected at the southwest corner of Clay and 16th streets, having a frontage on one street of 100 feet and of 60 feet on the other. There will be four stores besides the hotel lobby on the first floor. Each of the upper floors will contain 18 guest rooms and 12 private baths. Interior will be finished in pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with grey pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Hotel addition, brick and steel construction, \$10,000. Architect, Clay N. Burrell, Albany

Bldg., Oakland. Owners, Morris & Muller. An addition of a large banquet room is to be made to the hotel building recently erected by Morris & Muller. Plans for the work include interior finish, plastering, painting, plumbing and electric work. Details are complete and the work is now being done by Day Labor.

LOS ANGELES, CAL.—Hotel, 12 story and base, reinforced concrete. Cost not stated. Architect, Lyman Farwell, Story Bldg., L. A. Owners, Ira W. Byrnes and associates. Mr. Byrnes has secured a fifty year lease of the property at the northwest corner of Franklin and Spring streets, 120x 218 feet, from the Phillips Estate. Preliminary plans have been prepared for a modern hotel structure containing 700 guest rooms. The building is to be erected by a syndicate of which F. L. Spaulding, 1460 Dana street, L. A., is a member. Construction will be carried on by Mr. Spaulding.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Consolidated Realty Co. The building will be erected at the southwest corner of 14th and Hill streets on property having a frontage of 60 feet on one street and 97 feet on the other. There will be three stores on the first floor besides the hotel lobby. Upper floors will be arranged for 50 guest rooms and 18 baths. Interior finish will be of pine and elm. All rooms will have hot and cold running water. There will be steam heat and elevator service. Bath rooms will have cement floors and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 11 story and base. Class A construction, \$100,000. Architects, Barnett, Haynes & Barnett, Wright and Callender Bldg., L. A. Owner, Fred Grass, S. F. This building will be erected on Main street, between 8th and 9th streets, covering an area of 36x75 feet. The building will have a complete steel frame and exterior walls of brick, faced with terra cotta. Floors will be of reinforced concrete. First floor will be arranged for the lobby, office, a public dining room and kitchen. Upper floors will contain a total of 150 guest rooms, all of which will have private baths. Interior finish will be of pine and hardwoods. Bath rooms will have tile floors and tile wainscot. There will be three elevators, two passenger and one freight, steam heat, a vacuum cleaning system and hot water supply. Tile floors will be used in the lobby and halls. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

LIBRARIES.

BEAUMONT, RIVERSIDE CO., CAL.—Library, 1 story and base, reinforced concrete, \$10,000. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, City of Beaumont. Plans have been approved for a one-story reinforced concrete library building, funds for the construction of which have been donated by the Carnegie Library Association.

The building will cover an area of 30x60 feet, and will contain a reading room, office and stack room. Interior finish will be of pine and oak with maple floors and cork linoleum. Metal shelves will be used. There will be furnace heat and modern plumbing. Exterior of the building will be faced with cement plaster. Plans are being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Fine Arts Building, steel and fireproof construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications are now out for figures for the general construction of the Fine Arts Building. This will be of fireproof construction with a complete steel frame. A contract for the steel work has already been awarded. Bids will be opened for the general construction on October 23rd by the Buildings and Grounds Committee. Plans can be secured from the Director of Works. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT

SEATTLE, WASH.—Car barns, 1 story and base, brick and steel, \$50,000. Architect, City Architect, Daniel Huntington, Seattle. Owners, City of Seattle. Plans have been completed for a building 47x161 feet with an L 28x 40 feet, which will house the municipal cars and the administrative offices of the system. Construction will be of brick and steel. Plans will receive the official approval at once, and bids will probably be called for about October 14th. Plans and specifications can be secured from the City Architect's office.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, J. Black, Jr. The dwelling has been designed for ten rooms, three baths and a sleeping porch. Interior finish will be of pine, hardwoods and white enamel. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscoting will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A fine site has been selected on 18th avenue near the Presidio wall. Plans are complete and figures are being taken.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on 16th avenue north of California street, and each will contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms and dining rooms. Each living room will have an open fire place with brick or tile mantel. Tile will be used in the bath rooms and kitchens. Exteriors will be covered

with cement plaster, rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. These houses will be erected on the east side of 25th avenue north of Lake street. Each house will contain seven rooms and bath. Interior finish will be of pine and hardwoods with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscoting will be used in the bath rooms and kitchens. Automatic water heaters will be used. Exterior of the houses will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalows, 2, 1 story and base, frame, \$1,200 each. Architect, none. Owner, O. Swanson, 4060 18th street, S. F. The houses will be erected on Athens near Excelsior street, and each house will contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. Each living room will have a large open fire place. Mantels will be of tile. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with rustic. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residences, 6, 2 story and base, frame, \$3,500 each. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, J. P. Fletcher. The house will be erected on property on Fulton street near 35th avenue, and each house has been designed to contain seven rooms and bath. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be an open fire place in each living room. Mantels will be of brick and tile. Bath rooms and kitchens will have tile wainscoting. An automatic water heater will be installed. Exteriors will be covered with cement plaster on metal lath and rustic. Work will be done by Day Labor. Mr. Fletcher controls 40 building lots in this section and will eventually improve all of them.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, E. E. Manseau, 164 Parnassus avenue, S. F. The house will be erected on 35th avenue north of Irving, and will contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 1 story and base, frame, \$5,000. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner, Lena Winkler Farewell. The

dwellings, which has been designed for an eight-room house, will be erected at the corner of Rolph and Paris streets. Plans show a private garage in connection. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscoting will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles. Plans are complete and a contract will be let at once.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Walter Voddén, 1015 Cole street, S. F. Owners, Thomas Voddén & Son, 1015 Cole street. The dwelling has been designed for a seven-room house and will be erected on 18th avenue near Lake. Interior finish will be entirely of pine. There will be hardwood floors and some hardwood veneer. Plans provide for furnace heat and open fireplaces. Mantels will be of tile. Tile wainscoting will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architect, J. A. Leonard, Phelan Bldg., S. F. Owner's name withheld. The dwelling will be erected at the corner of Moncada Way and Cedro street, and has been designed for a ten-room house with three bath rooms and sleeping porch. Interior will be finished in pine, white enamel and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. A garage will also be erected on the property. Considerable tile work is included in the plans. An automatic water heater and vacuum cleaning system will be installed. Exterior of the dwelling will be covered with cement plaster. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, H. L. Harrison. This house will be erected in St. Francis Wood, and has been designed to contain ten rooms, three baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine, hardwoods and white enamel. The design is in the Colonial style. Hardwood floors will be used throughout. Plans provide for central heating system and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater and vacuum cleaning system will be installed. Exterior of the building will be covered with rustic. Plans are nearly ready for figures.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, none. Owner, R. A. Simpson, 550 12nd street, Oakland. The house will be erected on 61st street west of Hillcress avenue, and has been designed to contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room

and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, H. M. Swalley, 745 Wesley avenue, Oakland. The dwelling will be erected on the west side of Walker street, south of College avenue, and has been designed to contain eight rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. Plans provide for furnace heat and open fire place. Mantel will be of brick. Tile wainscoting will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence alterations, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner O. A. Giles. This work will include new interior finish, mostly pine, hardwood floors, new plumbing, electric work and plastering. Some exterior wood work will also be called for. Plans are complete and figures are now being taken by the architect.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2 story and base, frame, \$3,500 each. Architect, none. Owners, Marshall & Diggs, Berkeley. These two dwellings will be erected on Ashby west of Claremont street, and each will contain seven rooms and bath. Interiors will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be large open fire places in each of the living rooms. Mantels will be of brick and tile. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor.

HAYWARD, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. De Lucchi. The dwelling has been designed for a six-room house with bath. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Manuel August, 913 Bancroft Way, Berkeley. The dwelling will contain seven rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living

room with a brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor. All materials are being purchased.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: George Weissman and Ancil Hoffman, 708 K street, 3 1 story frame, \$1,500 each; J. A. Schumate, 2982 Minzanita avenue, 1 story frame, \$1,900; P. E. Reed, 2613 28th street, alteration to frame, \$1,000, and Charles J. Schmid, 2914 26th street, 1 story frame, \$1,000.

SEATTLE, WASH.—Residence, 2 story and base. Class A construction, \$150,000. Architects, Bebb & Mendel, Denny Bldg., Seattle. Owner, W. F. Boelng. The house has been designed for a high class city residence and will be erected in the Highlands. The house will be the largest home in the Highlands and will contain besides a number of living rooms, a ball room, billiard room, gymnasium and many baths. Interior finish will be of pine and hardwoods with hardwood floors throughout. There will be steam heat, a vacuum cleaning system and hot water system. All bath rooms will have tile floors and wainscot. Considerable marble and tile will be used. Exterior of the house will be faced with pressed brick. Plans are complete and now out for figures.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$15,000. Architect, A. B. Benton, 114 North Spring street, L. A. Owner, Mrs. Jules Kauffman. The house will contain 12 rooms, 3 baths and sleeping porch. Design is in the French Renaissance style. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile floors and wainscot will be used in the bath rooms. An automatic water heater will be installed. A garage will also be erected on the lot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

Contracts Awarded.

SAN FRANCISCO—Residences, 2, 2 story and base, reinforced concrete, \$70,000. Architect, Kenneth Macdonald, Holbrook Bldg., S. F. Owner, Louis Saroni. Contractors, Macdonald & Kahn, Rialto Bldg., S. F. general construction only. Contract price, \$70,000.

BAKERSFIELD, KERN CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect's name not given. Owner, F. B. Blesman, Contractor, Frank Adams, Bakersfield. Contract price not stated.

SCHOOLS

DAVIS, YOLO CO., CAL. Farm dormitory, 2 story and base, frame, \$34,086. Architects, Cunningham & Poltice, First National Bank Bldg., S. F. Owners, University of California. Contractor, B. J. Duffy, 3678 17th street, S. F. Contract price, \$34,086. Fourteen sets of figures were received for this

work and are all printed under the heading of Sacramento, Stockton and Northern California in this issue.

Contracts Awarded.

CARRUTHERS, FRESNO CO., CAL.—School, 1 story, frame, \$3,000. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Blakemore School District. Contractor, F. M. Cartwright, Fresno. Contract price, \$2,450.

BAKERSFIELD, KERN CO., CAL.—School heating system, \$5,986. Architect, Orville Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, American Heating and Contracting Co., Bakersfield. Contract price, \$5,986.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick and steel, \$38,000. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Trowlitt & Shields, Hanford, general construction only. Contract price, \$38,000.

STORE.

SAN FRANCISCO—Stores and lofts, 2 story and base, brick and steel. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected at the corner of Davis and Washington streets, covering a considerable ground area. There will be two stores on the first floor and lofts on the upper floor. Interior finish will be of pine throughout. Plans provide for metal window sash and frames. There will be plate glass windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Store window alterations, \$4,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, D. Samuels Co. The present display windows will be enlarged and new interior fixtures and trim installed. The work calls for a large amount of hard-wood, electric work, plastering and painting. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Stores and offices, 20 story and base, Class A construction, \$1,200,000. Architect, Clarence C. Cuffs, Sacramento. Owners, Western Securities Co. Announcement has been made to the effect that Sacramento is to have a 20 story skyscraper, which will be erected on J street, between 8th and 12th streets, the exact location being withheld for the present. Preliminary studies have been completed and approved. It is stated and working drawings will be commenced at once. No details of the building have been made public. Further mention will be made of the work as the plans progress.

PORTLAND, ORE.—Store, 1 story and base, brick. Cost not stated. Architects, R. N. Hokenberry & Co., Abington Bldg., Portland. Owner, R. T. Dohney. The building will be erected at the corner of 29th and Belmont streets. The structure has been designed for a four-story building, but only the first floor will be erected at the present. When upper floors are added these will be arranged for apartments. There will be four stores. Interiors will be finished in pine and hardwood. There will be patent

store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Telephone exchange, 6 story and base, Class A construction. Cost not stated. Architect, Architectural Department Pacific States Tel. and Tel. Co., 333 Grant avenue, S. F. Owners, Pacific States Tel. and Tel. Co. This work has been mentioned here before. The building will be erected on South Hill street, covering an area of 71x75 feet. Construction will be Class A throughout, having a complete steel frame, reinforced concrete floors and brick walls faced with pressed brick or terra cotta. The entire building will be used to house the company's offices and exchange. Interior finish will be of pine and hardwoods with considerable marble, tile and ornamental plaster. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for at once.

HOLLYWOOD, LOS ANGELES CO., CAL.—Stores and offices, 4 story and base, brick and steel, \$90,000. Architect, E. F. Parcher, 1524 Labaig avenue, L. A. Owner, C. E. Toberman. The building will cover an area of 75 feet square, and has been designed for four stores on the first floor, offices and living apartments on the upper floors. Interior finish will be of pine throughout. There will be steam heat and a hot water system. Patent store fronts and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Stores and offices, 11 story and base, Class A construction. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owners, syndicate headed by Attorney Herbert J. Goudge, 309 Exchange Bldg., L. A. This syndicate has secured a lease of 50 years on the property on the west side of Spring street, between 6th and 7th streets, and will undertake to finance a 11-story Class A office building. The site is 126x155 feet. Details of construction have not been determined. Further mention will be made as plans progress.

Contracts Awarded.

CORONA, RIVERSIDE CO., CAL.—Stores, offices and bank, 2 story and base, brick and steel. Cost not stated. Architect, H. G. Koerner, Broadway Central Bldg., L. A. Owners, Corona Investment Co. Contractors, The Remington Co., Broadway Central Bldg., L. A. Contract price not stated.

PORTLAND, ORE.—Store and theatre, 1 story and base, reinforced concrete. Cost not stated. Architect, Charles W. Ertz, Northwest Bldg., Portland. Owners, Duke Bros. Contractors, Irish Bros., Lents. Cost not stated.

THEATRES.

SAN FRANCISCO—Theatre, 8 story and base, Class A construction, \$350,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner's name withheld. Reports published in the morning newspapers relating to the construction of a large Class A theatre building in the Market Street District,

have been substantiated. From reliable sources information comes stating that the Kahn people of New York have closed their option of over a year's standing on the property on Stevenson street, between 3rd and 4th streets. An announcement was made in September, 1912, in the "Builder" that Architect B. Marcus Pretica, Empire Bldg., Seattle, had been commissioned to prepare plans for an eight-story Class A structure to be erected on this property at a cost of approximately \$350,000. A Market street entrance will be secured probably through the property now occupied by the California Dairy Kitchen.

SAN FRANCISCO—Theatre alterations, interior work, etc., \$5,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahken Circuit. This work will be done on the old Globe Theatre on Mission street, and will include new interior painting, ornamental plaster and decoration. Some plumbing and electric work is also called for in the plans. Bids are now being taken.

Contracts Awarded.

PORTLAND, ORE.—Ice hippodrome, 1 story, reinforced concrete and steel, \$55,950. Architect, J. McClure, Lewis Bldg., Portland. Owners, Portland Ice Hippodrome Co. Contractor, Victor Carlson, 145 Vancouver avenue, Portland. Contract price, \$55,590. Note: This price does not include the ice machinery.

SEALED PROPOSALS.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 9th day of October, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of door and window shades and linoleum for eight buildings comprising the main group of the San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the date of the receipt of written notice from the Board of Public Works, and completed within ninety (90) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check, certified by a responsible bank, payable to the order of the City and County of San Francisco, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR BUILDING.

BUILDING Sealed proposals indorsed "Proposals for Addition to Kitchen" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 4 o'clock a. m. November 1, 1913, and then and there publicly opened, for addition to kitchen at the U. S. marine barracks, Mare Island, Cal. Plans and specifications can be obtained on application to the bureau or to the com-

mandant of the navy yard, Mare island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 501-A—Proposals for Steel Lockers, Fire Hydrants, Track Crossing, Frogs and Switch Points and Blacksmith Coal.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 2:30 p. m. October 14, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and specifications may be obtained from this office or the office of the assistant purchasing agent, North Point Station, San Francisco, Cal. P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR FOUNDRY EQUIP-
SEALED BIDS FOR FURNISHING complete spark catching device similar to one at the Western Foundry, San Francisco, Cal. The Polytechnic High School, also for work in connection with foundry at said school, will be received in open session of the Board of Education, to be held at 2 p. m. October 14, 1913. Specifications may be obtained on application to the undersigned.

M. R. NORRIS,
Acting Secretary Board of Education.

PROPOSALS FOR BUILDING.
BUILDING, ETC.—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in public at 2 p. m. October 23, 1913, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Douglas, Wyo. The building is two stories and basement and has a ground area of approximately 1,490 square feet, brick and stone walls and composition roof, first floor only of fireproof construction. Drawings and specifications may be obtained from the custody of the architect at Douglas, Wyo., or at this office, at the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR STRUCTURAL STEEL.
STEEL WORK.—Sealed proposals are invited. "Proposals for Steel Work, Pearl Harbor," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 18, 1913, and then be publicly opened, for structural steel work for coaling plant, naval station, Pearl Harbor, Hawaii. Estimated cost, \$350,000. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

NOTICE TO BIDDERS.
NOTICE is hereby given that the Board of Trustees of the Public School District, Sacramento County, California, will receive sealed bids until Thursday, Oct. 16th, 1913, at the office of the County Superintendent of Schools, Court House, Sacramento, for the erection of a two-room school building in above-named school district. Plans and specifications may be had at the office of the County Superintendent of Schools. Certified check for ten per cent of the amount must accompany each bid. The Board reserves the right to reject any and all bids. Bids will be opened at office of County Superintendent of Schools, Friday, Oct. 17th at 10 a. m.

PROPOSALS FOR ICE PLANT.
ICE PLANT.—Sealed proposals are invited. "Proposals for Building for Ice Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 1, 1913, and then be publicly opened, for building for ice-making and cold-storage plant, Naval Station, Pearl Harbor, Hawaii. Estimated cost, \$200,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station, Honolulu. T. H. H. R. STANFORD, chief of bureau, September 11, 1913.

PROPOSALS FOR CANAL WORK.
RECLAMATION Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Portland, Ore., until 2 p. m., October 15, 1913, for the construction of about six and one-half miles of canal in Colusa County, Cal. The work involves the excavation of about 200,000 cubic yards of material, and is situated near the town of Stonyford, about 23 miles from Sites, the terminus of the Colusa and Lake Railroad. For particulars address the United States Reclamation Service, Washington, D. C. Portland, Ore., or Orland, Cal. J. M. McKINNEY, acting director.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 501—Proposals for Road Roller, Galvanized Roofing, Galvanized Sheet Steel or Iron, Rivets, Bolts, Bronze Bars, Sheet Copper, Sheet Lead, Pig Lead, Steel and Iron Pipe, Pipe Fittings, Valves, Cocks, Bibbs, Tray Pumps, Shower Heads, Copper Fittings, Lead Bends, Ball Cocks, Force Mains, Reamers, Hack Saw Blades, Vitrifired Sewer Pipe, Fire Brick, Asbestos Cement, Horse Brushes, Ropes for Bunks, Copying Books, Paper, Padlocks, Jacks, Oiler, Turpentine, Shellac, Chrome Green, Varnish, Lumber and Spud Timbers.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. October 10, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and general information relating to this circular (No. 501) may be obtained from this office or the office of the assistant purchasing agent, North Point street, San Francisco, Cal.; also from the U. S. engineer's offices in the following cities: Seattle, Wash.; Los Angeles, Cal. P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR STEEL WORK.
STEEL WORK.—Sealed proposals are invited. "Proposals for Steel Work, Pearl Harbor," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 18, 1913, and then be publicly opened, for structural steel work for coaling plant, naval station, Pearl Harbor, Hawaii. Estimated cost, \$350,000. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.
PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 115 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11:30 A. M., Thursday, October 23, 1913, for Constructing The Fine Arts Building, in accordance with the plans and specifications on file in the office of the Director of Works. Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. After the award of a contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company. Plans and specifications for the work may be obtained from the Director of Works, Room 20, Exposition Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide

bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.
WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Tuesday, October 22nd, 1913; said bids then and there to be publicly opened and read for furnishing all plant, materials and labor for the following work in the State Capitol Building at Sacramento, California, in accordance with the specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Bids will be received:
First—For remodeling elevator grilles in the State Capitol Building.
Second—For the construction and erection of two new passenger elevators, with equipment for same, in the State Capitol Building.
Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any formality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Elevators and grilles in the State Capitol, Sacramento, California."

(Signed) W. F. McCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., October 1, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M., on October 30th day of October, 1913, and then opened, for an electric passenger elevator, including hoistway, etc., in the United States post office at San Louis Obispo, in accordance with the drawing and specification, copies of which may be obtained at this office at the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock noon, Thursday, October 30th, 1913; said bids then and there to be publicly opened and read for furnishing all plant, materials and labor to do the work required for the erection of five fire escape ladders in the California Institution for the Deaf and Blind, Berkeley, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the entire work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any formality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for five fire escape ladders in the California Institution for the Deaf and Blind Berkeley, California."

(Signed) W. F. McCLURE,
State Engineer. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base frame, \$12,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, J. Black, Jr. The dwelling has been designed for ten rooms, three baths and a sleeping porch. Interior finish will be of pine, hardwoods and white enamel. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscoting will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A fine site has been selected on 18th avenue near the Presidio wall. Plans are complete and figures are being taken.

RESIDENCES—4, 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on 16th avenue north of California street, and each will contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms and dining rooms. Each living room will have an open fire place with brick or tile mantel. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCES—2, 2 story and base, frame, \$5,000. San Francisco. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. These houses will be erected on the east side of 25th avenue north of Lake street. Each house will contain seven rooms and bath. Interior finish will be of pine and hardwoods with some elm panels. Hardwood floors will be used in the living rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscoting will be used in the bath rooms and kitchens. Automatic water heaters will be used. Exterior of the houses will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PENGALOWS—2, 1 story and base, frame, \$1,200 each. San Francisco. Architect, none. Owner, O. Swanson, 4950 18th street, S. F. The houses will be erected on Athens near Excelsior streets, and each house will contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. Each living room will have a large open fire place. Mantels will be of tile. The wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with rustic. Plans are complete and work will be done by Day Labor.

RESIDENCES—6, 2 story and base, frame, \$3,500 each. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, J. P. Fletcher. The houses will be erected on property on Fulton street near 35th avenue, and each house has been designed to contain seven rooms and bath. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be an open fire place in each living room. Mantels will be of brick and tile. Bath rooms and kitchens will have tile wainscoting. An automatic water heater will be installed. Exteriors will be covered with cement plaster on metal lath and rustic. Work will be done by Day Labor. Mr. Fletcher controls 40 building lots in this section and will eventually improve all of them.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, E. E. Manseau, 164 Parnassus avenue, S. F. The house will be erected on 35th avenue north of Irving, and will contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architect, J. A. Leonard, Phelan Bldg., S. F. Owner's name withheld. The dwelling will be erected at the corner of Moncada Way and Cedro street, and has been designed for a ten room house with three bath rooms and sleeping porch. Interior will be finished in pine, white enamel and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot water, an open fire places. Mantels will be of brick and tile. A garage will also be erected on the property. Considerable tile work is included in the plans. An automatic water heater and vacuum cleaning system will be installed. Exterior of the dwelling will be covered with cement plaster. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, H. L. Harrison. This house will be erected in St. Francis Wood and has been designed to contain ten rooms, three baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine, hardwoods and white enamel. The design is in the Colonial style. Hardwood floors will be used throughout. Plans provide for a central heating system and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater and vacuum clean-

ing system will be installed. Exterior of the building will be covered with rustic. Plans are nearly ready for figures.

RESIDENCE—1 story and base, frame, \$5,000. San Francisco. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner, Lena Winkler Farewell. The dwelling, which has been designed for an eight-room house, will be erected at the corner of Ralph and Paris streets. Plans show a private garage in connection. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles. Plans are complete and a contract will be let at once.

RESIDENCE—2 story and base frame, \$5,000. San Francisco. Architect, Walter Vodden, 1015 Cole street, S. F. Owners, Thomas Vodden & Son, 1015 Cole street. The dwelling has been designed for a seven-room house, and will be erected on 18th avenue near Lake. Interior finish will be entirely of pine. There will be hardwood floors and some hardwood veneer. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscoting will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

THEATRE—8 story and base. Class A construction, \$350,000. San Francisco. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner's name withheld. Reports published in the morning newspapers relating to the construction of a large Class A theatre building in the Market Street District, have been substantiated. From reliable sources information comes stating that the Kahn people of New York have closed their option of over a year's standing on the property on Stevenson street between 3rd and 4th streets. An announcement was made in September, 1912, in the "Builder" that Architect B. Marcus Pretica, Empire Bldg., Seattle, had been commissioned to prepare plans for an eight-story Class A structure to be erected on this property at a cost of approximately \$350,000. A Market street entrance will be secured probably through the property now occupied by the California Dairy Kitchen.

APARTMENT HOUSE—6 story and base, brick and steel, \$125,000. San Francisco. Architects, Finch & Knoll, Heurst Bldg., S. F. Owner, J. H. Hjul, Merchants' Exchange Bldg., S. F. This building is to be erected on the south line of Sutter street west of Jones, and will have a street frontage of 68 feet 9 inches by a depth of 123 feet. The structure will contain a total of 54 suites arranged in two and three rooms. Interior finish will be of pine, elm panels and mahogany. Hardwood floors will be used in the halls and living rooms. All suites will have private bath rooms and wall beds. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have cement floors

and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and base, brick and steel, \$20,000. San Francisco Architect, Louis M. Gardner, Phelan Bldg., S. F. Owners, Cameron and Disston, Hearst Bldg. The building will be erected on the west side of Hyde street south of Post, covering an area of 39x56 feet. There will be 14 suites of two and three rooms. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners who are well known contractors and will carry on the construction by Day Labor

CHURCH—1 story, frame, \$12,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Japanese Mission. This building has been mentioned here before when the architects were first commissioned to prepare plans. The building will cover an area of 50x100 feet, and has been designed in the Greek Classic style. Interior will be finished in pine throughout. A central heating system will be installed. Ornamental plaster and art glass will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are now out for figures.

FIRE HOUSE—2 story and base, brick and steel. Cost not stated. San Francisco. Architects, Ward & Blohme Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Plans for a new fire station to be erected at the corner of East and Commercial streets have been completed by the architects and turned over to the Board of Public Works. The structure will contain the usual apparatus room and upper floor will be arranged for quarters for the men. Interior finish will be of pine and hardwoods. Special plumbing and electric work will be installed. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Bids will be called for as soon as the plans receive final approval. Further mention will be made of the work at that time.

FOUNDRY EQUIPMENT AND SPARK CATCHER—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and bids are now being called for by the Board of Education for furnishing and installing a spark catcher and certain other foundry equipment in the Polytechnic High School. Full particulars can be secured from the Board of Education, Temporary City Hall. Bids will be opened on October 7th.

HOSPITAL SHADES AND LINOLEUM—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be received on October 8th by the Board of Public Works for furnishing and installing window shades and linoleum in the eight principal buildings of the San Francisco

Hospital group. Full particulars can be secured from the Board of Public Works, Temporary City Hall Building.

HOTEL—3 story and base, frame, \$12,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Isidor Rosenberg. The building will be erected on the east side of Larkin street north of California, and will contain a store on the first and about 40 guest rooms on the upper two floors. Interior finish will be of pine throughout. Besides the guest rooms there will be a number of public baths. Tile wainscot will be used in the bath rooms. Plans provide for a hot water supply. Exterior of the building will be covered with white Medusa cement. Plans are complete and the work will be done by Day Labor.

STORES AND LOFTS—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected at the corner of Davis and Washington streets, covering a considerable ground area. There will be two stores on the first floor and lofts on the upper floor. Interior finish will be of pine throughout. Plans provide for metal window sash and frames. There will be plate glass windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

STORE WINDOW ALTERATIONS—\$4,000. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, D. Samuels Co. The present display windows will be enlarged and new interior fixtures and trim installed. The work calls for a large amount of hardwood, electric work, plastering and painting. Plans are complete and figures are being taken.

THEATRE ALTERATIONS—Interior work, etc., \$5,000. San Francisco. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahken Circuit. This work will be done on the old Globe Theatre on Mission street, and will include new interior painting, ornamental plaster and decoration. Some plumbing and electric work is also called for in the plans. Bids are now being taken.

PINE ARTS BUILDING—Steel and fireproof construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications are now out for figures for the general construction of the Fine Arts Building. This will be of fireproof construction with a complete steel frame. A contract for the steel work has already been awarded. Bids will be opened for the general construction on October 23rd by the Buildings and Grounds Committee. Plans can be secured from the Director of Works. An official proposal appears in another column of this issue

Contracts Awarded.

RESIDENCES—2, 2 story and base, reinforced concrete, \$70,000. San Francisco. Architect, Kenneth MacDonald, Holbrook Bldg. Owner, Louis Saroni. Contractors, MacDonald & Kahn, Riata Bldg., S. F., general construction only. Contract price, \$70,000.

Building Contracts Awarded			
San Francisco.			
No.	Owner	Contractor	Am't.
3576	Cath Archb	Bosch	13000
3577	Same	Atlantic Efrig	4685
3578	Herts	Swan	700
3579	Johnson	Eller	800
3580	Lehman	Lehman	1200
3581	Manseau	Manseau	2500
3582	McCarthy	Guist	1000
3583	Perlice	Guist	1250
3584	McCornick	Owner	1700
3585	Wesendunk	Owner	1800
3586	Harris	Torney	5400
3587	Same	Finnala	1400
3588	Same	Samoff	180
3589	Same	Samuel	198
3590	Same	Consani	350
3591	Same	Grassi	520
3592	Same	Turley	1450
3593	Same	Gilmour	3500
3594	Same	Withington	7925
3595	Wissmann	Leigh	2475
3596	Jeffers	Holden	850
3597	Same	Same	2160
3598	Kalassich	Binet	3700
3599	Mills	De Luca	5500
3600	Sockolov	Sockolov	1500
3601	Same	Same	5500
3602	O'Donnell	O'Donnell	2000
3603	Lam Sai Hoo	Brandon	4000
3604	Birth	Henrichs	8000
3605	Stoff	Anderson	400
3606	Goodyear	Goodyear	400
3607	Gunzburger	Caine	400
3608	Brandenstein	Urfer	400
3609	Kurtz	Canon	425
3610	Budge	Condon	400
3611	Hennessey	Hennessey	450
3612	Bach	Murray	400
3613	Sparavalo	Rydukovich	400
3614	Anderson	Anderson	17800
3615	Jones	Forbes	19881
3616	Shotwell	Moore	2908
3617	Same	Pinkerton	2100
3618	Appel	Van Herick	400
3619	Simon	Opitz	400
3620	Vignera	Opitz	400
3621	Josselyn	Barrett	400
3622	May	Perron	650
3623	Spingolo	Spingolo	400
3624	Sponegle	Truitt	400
3625	Lapham	Lapham	2000
3626	Swanson	Swanson	1050
3627	Swanson	Swanson	1050
3628	Scoble	Scoble	4000
3629	Hacke	Conlan	9800
3630	Yates	Yates	2162
3631	Pr-Am Bank	Brady	4520
3632	Same	Wengard	17284
3633	McGrath	Treasure	400
3634	Sears	Pearson	400
3635	Cagnacci	Cavaglieri	400
3636	Law	Delbel	400
3637	Frager	Wengard	400
3638	Kaiser	Kaiser	450
3639	Emanuel	Federal Sign	400
3640	Kohn	Kress	500
3641	O'Shea	Neidick	750
3642	McQuone	Fink	450
3643	Kirwan	Kirwan	400
3644	Hauley	Hauley	500
3645	Parrell	Ploeger	700
3646	Hendricks	Hendricks	500
3647	Egan	Egan	2500
3648	Fillisetti	Martinelli	8240
3649	Lowenthal	Monson	2984
3650	Firewell	Diognardi	2990
3651	Trowbridge	McLeran	215000

(3576) SW HOWARD AND TENTH W 162-6X8 162-6. Exterior and interior plaster and cement work, plaster ornaments, etc., for brick and steel church building.
Owner.....The Roman Catholic Archbishop of San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor...Herman Bosch, 4420 20th, San Francisco.
Filed Sept. 29, '13. Dated Sept. 24, '13.
On 1st of each month.....
Usual 35 days..... 25%
TOTAL COST, \$13,000.
Bond, \$6550. Surety, Massachusetts Bonding & Insurance Co. Limit, \$0 days. Forfeit, none. Plans and specifications filed.

(3577) METAL FURING AND LATHING on above.
Contractor...Atlantic Fireproofing Co., Pacific Bldg., S. F.

Filed Sept. 29, '13. Dated Sept. 23, '13.

Payments same as above.....

TOTAL COST, \$4685

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3578) NO. 850 MARKET. Erect roof sign.

Owner.....Sommers & Herts, 660 Market, San Francisco

Architect...None.

Contractor... "Swan" The Painter, 756 Folsom, San Francisco.

COST, \$700

(3579) NO. 663 CLAY. Alter front.

Owner.....Frank H. Johnson, 460 Montgomery, San Francisco

Architect...J. H. Power, 460 Montgomery, San Francisco

Contractor...John Biller, 460 Montgomery, San Francisco.

COST, \$800

(3580) S ROLPH 56-6 W Athens. One-story and basement frame dwelling.

Owner.....J. C. Lehman, 2407 Howard San Francisco.

Architect...None.

Day's work. COST, \$1200

(3581) E THIRTY-FIFTH AVE 75 N Irving. Two-story and basement frame residence.

Owner.....E. E. Manseau, 164 Parnassus Ave., S. F.

Architect...None.

Day's work. COST, \$2500

(3582) NO. 927 PACIFIC. Alter and repair laundry.

Owner.....Pearl McCartney, 151 Sutter, San Francisco.

Architect...None.

Contractor...S. A. Guist, 732 Montgomery, San Francisco.

COST, \$1000

(3583) W KANSAS 50 N 20th. One-story and basement frame dwlg.

Owner.....J. Pericle, 770 Kansas, San Francisco.

Architect...T. A. Saurlich, 38 Lansing, San Francisco.

Day's work. COST, \$1250

(3584) N NEY 150 W Congdon. One and one-half-story and basement frame dwelling.

Owner.....Thos. McCormick, 25 Gladys San Francisco.

Architect...None.

Day's work. COST, \$1700

(3585) W OTSEGO 200 -- San Ysabel.

One-story and basement frame dwlg.

Owner.....A. A. Wesendunk, 1747 Dolores, San Francisco.

Architect...None.

Day's work. COST, \$1800

(3586) N BROADWAY 171-10 1/2 W Grant Ave W 68-9xN 137-6. Decorating, etc., for two-story Class "A" theatre.

Owner.....Nellie Harris.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Contractor...The Tormey Co., 1402 Sacramento, San Francisco.

Filed Sept. 30, '13. Dated Sept. 11, '13.

Painting work and interior staining and varnishing done. \$466.65

Completed and accepted..... 622.20

Usual 35 days..... 311.15

TOTAL COST, \$1400.00

Bond, \$700. Surety, U. S. Fidelity & Guaranty Co. Limit, as soon as possible

Forfeit, none. Plans and specifications filed.

(3587) MATERIALS, LABOR AND implements to complete brick work on above.

Contractor...Finnala & Seaholm.

Filed Sept. 30, '13. Dated Sept. 13, '13.

Brick work up to mezzanine floor.....\$1350

Brick walls up to operating room 1350

Completed and accepted..... 1350

Usual 35 days..... 1350

TOTAL COST, \$5400

Bond, \$2700. Surety, National Surety Co. Limit, 35 days. Forfeit none.

Plans and specifications filed.

(3588) ROOF WORK ON ABOVE.

Contractor...H. D. Samuel Co., Monadnock Bldg., San Francisco.

Filed Sept. 30, '13. Dated Aug. 11, '13.

Completed and accepted.....\$132

Usual 35 days..... 66

TOTAL COST, \$198

Bond, none. Limit, as soon as possible.

Forfeit, none. Plans and specifications filed.

(3589) ORNAMENTAL PLASTER work on above.

Contractor...O. F. Larson, 178 Guerrero San Francisco.

Filed Sept. 30, '13. Dated Sept. 16, '13.

Ornamental plaster delivered..\$466.65

Usual 35 days..... 233.35

TOTAL COST, \$700.00

Bond, none. Limit, as soon as possible

Forfeit, none. Plans and specifications filed.

(3590) CONCRETE PIERS ON ABOVE

Contractor...A. Consani.

Filed Sept. 30, '13. Dated Sept. 11, '13.

Completed and accepted.....\$233.25

Usual 35 days..... 116.75

TOTAL COST, \$350.00

Bond, none. Limit, as soon as possible

Forfeit, none. Plans and specifications filed.

(3591) MARBLE AND MOSAIC ON above.

Contractor...P. Grassi & Co., 145 Tehama, San Francisco.

Filed Sept. 30, '13. Dated Sept. 18, '13.

Completed and accepted.....\$346.65

Usual 35 days..... 173.35

TOTAL COST, \$520.00

Bond, none. Limit, as soon as possible

Forfeit, none. Plans and specifications filed.

(3592) PLUMBING, SEWER WORK, gas fitting, water pipes, stand pipes and fixtures on above.

Contractor...The Turner Co., 27 Natoma San Francisco.

Filed Sept. 30, '13. Dated Sept. 11, '13.

Roughed in.....\$496.66

Completed and accepted..... 662.22

Usual 35 days..... 331.12

TOTAL COST, \$1490.00

Bond, \$745. Surety, Massachusetts

Bonding & Insurance Co. Limits, as soon as possible. Forfeit, none

Plans and specifications filed.

(3593) LATH, PLASTER AND PUTTING up ornamental plaster work on above.

Contractor...Wm. G. Gilmour, 110 Jessie, San Francisco.

Filed Sept. 30, '13. Dated Sept. 8, '13.

Brown coated.....\$1166.65

Completed and accepted..... 1555.50

Usual 35 days..... 777.50

TOTAL COST, \$3500.00

Bond, \$1750. Surety, Massachusetts Bonding & Insurance Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3594) STRUCTURAL STEEL AND iron work on above.

Contractor...Withington Iron Works, 416 2nd, San Francisco.

Filed Sept. 30, '13. Dated Sept. 8, '13.

Structural steel on premises..\$1981.25

Steel work set..... 1981.25

Completed and accepted..... 1981.25

Usual 35 days..... 1981.25

TOTAL COST, \$7925.00

Bond, \$4000. Sureties, J. D. Osborne and John Finn Metal Works. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3595) SE CLEMENT AND TWENTY-fourth Ave. All work for alterations and additions to three-story frame building.

Owner.....Anna R. Wissmann, Prem. Architect...None.

Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Sept. 30, '13. Dated Sept. 26, '13.

Excavation done and concrete retaining walls in.....\$618.75

Brown coated..... 618.75

Completed..... 618.75

Usual 35 days..... 618.75

TOTAL COST, \$2475.00

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(3596) E POWELL 37-6 N Jackson. Mill work for building.

Owner.....Jeffers & Loncona. Architect...None.

Contractor...Holden-Deuprey Co., 126 West Mission, S. F.

Filed Sept. 30, '13. Dated July 31, '13.

Brown coated.....\$425

Completion..... 425

TOTAL COST, \$850

Bond, limit, forfeit, none. Plans and specifications, none.

(3597) SW POWELL & BROADWAY. Mill work for building.

Owner.....Jeffers & Loncona. Architect...None.

Contractor...Holden-Deuprey Co., 126 West Mission, S. F.

Filed Sept. 30, '13. Dated June 14, '13.

Progressive payments.....

Balance in full on completion..

TOTAL COST, \$3160

Bond, limit, forfeit, none. Plans and specifications none.

(3598) SW NAPLES AND ROLPH being SW Lot 1 Blk 14 Crocker Amazon Tract N 29 deg 30 min E 41-47 to curve to right th along said curve

45.965 S 5 deg 20 min 30 sec W 85.45 N 60 deg 20 min W 58.60. Plumbing painting, electric work, concrete, etc. for two-story frame store and flat.

Owner.....Marko and Josephine Kalsch, 3740 Geary, S. F.

Architect...None.

Contractor...John J. Binet Co., 68 Ramona Ave., San Francisco.

Filed Sept. 30, '13. Dated Sept. 26, '13.

2nd floor joists on.....\$1050

Roof on..... 1050

Completed..... 675

Usual 35 days..... 925

TOTAL COST, \$3700

Bond, \$1875. Sureties, N. Lund and Jos. L. Binet. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3599) N BUSH adj E side Mills Bldg.
65-9 on Bush. Excavating and foundation
for addition to Mills Bldg.
Owner.....Ogden Mills, Mills Bldg.,
San Francisco.
Architect...Willis Polk, Merchants'
Exchange Bldg., S. F.
Contractor...R. De Luca.
Filed Sept. 30, '13. Dated Sept. 30, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5500

Bond, \$4250. Surety, Title Guaranty &
Surety Co. Limit, Nov. 10, '13. For-
feit, \$15. Plans and specifications filed

(3600) W FOLSOM 50 S 17th. Three-
story & basement frame apartments.
Owner.....J. Sockolov, 1856 O'Farrell
San Francisco.
Architect...None.
Day's work. COST, \$3500

(3601) W FOLSOM 75 S 17th. Three-
story & basement frame apartments.
Owner.....J. Sockolov, 1856 O'Farrell
San Francisco.
Architect...None.
Day's work. COST, \$3500

(3602) E TWENTY-FIFTH AVE 225 S
Judah. One and one-half-story and
basement frame dwelling.
Owner.....John O'Donnell, 129 Belve-
dere, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$2000

(3603) NO. 953 DUPONT. Add one-
story to brick building.
Owner.....Lum Sai Hoo Tong, Prem.
Architect...E. A. Garin, 37 Belvedere,
San Francisco.
Contractor...Brandon & Lawson, Hearst
Bldg., San Francisco.
COST, \$4000

(3604) NOS 2117-19 PINE. Genera
repairs.
Owner.....Mrs. Birth, 19th and Caro-
lina, San Francisco.
Architect...None.
Contractor...J. F. Henrichs, 216 13th,
San Francisco.
COST, \$600

(3605) S CLAY 55 E Taylor. Three-
story and basement frame (6) flats.
Owner.....Louis D. Stoff, 46 Kearny,
San Francisco.
Architect...C. O. Clausen, Phelan Bldg.,
San Francisco.
Day's work. COST, \$8000

(3606) NOS. 63-75 NATOMA. New
foundation.
Owner.....Goodyear Rubber Co., 559
Market, San Francisco.
Architect...None.
Day's work. COST, \$400

(3607) NO. 4226 GEARY. Repair
blacksmith shop.
Owner.....Emil Gunzburger, 1923
Ellis, San Francisco.
Architect...None.
Contractor...Chas. Caine, 1305 Fulton,
San Francisco.
COST, \$400

(3608) NO. 2807 CALIFORNIA. Close
stairs and cement floor.
Owner.....A. J. Brandenstein, Spear
and Mission, San Francisco
Architect...None.

Contractor...Chas. E. Urfer 2650 Post,
San Francisco.
COST, \$400

(3609) NO. 2500 THIRD AVE. Con-
crete foundation and underpin.
Owner.....D. Kurtz, Premises.
Architect...None.
Contractor...A. F. Cannon, 2632 26th
Ave., San Francisco.
COST, \$425

(3610) NO. 1275 STANYAN. Add porch
and garage.
Owner.....H. S. Budge, 110 Sutter,
San Francisco.
Architect...None.
Contractor...D. Condon, 4155 20th, S. F.
COST, \$400

(3611) NOS. 39-41 TEHAMA. General
repairs to building.
Owner.....P. and E. Hennessy, 439
Oak, San Francisco.
Architect...None.
Contractor...J. I. Hennessy, 439 Oak,
San Francisco.
COST, \$450

(3612) NO. 2204 JACKSON. Repair
steps.
Owner.....J. C. Bach, 2863 Washing-
ton, San Francisco.
Architect...None.
Contractor...Murray & Mowbray, 150
Jessie, San Francisco.
COST, \$400

(3613) NO. 2040 MISSION. 1360 feet
new flooring and rat proof.
Owner.....T. Sparavalo, Premises.
Architect...None.
Contractor...I. Rydukovich, 1235 Hol-
lister, San Francisco.
COST, \$400

(3614) W WHITNEY 330 N Chenery.
One and one-half-story and basement
frame dwelling.
Owner.....A. V. Anderson, 4223 23rd,
San Francisco.
Architect...None.
Day's work. COST, \$1900

(3615) N POST 68-9 W Polk N 120xW
68-9. All work except plumbing for
two-story reinforced concrete auto
repair shop.
Owner.....Robert Jones.
Architect...August Nordin, Mills Bldg
San Francisco.
Contractor...Stanquist & Forbes, 185
Stevenson, San Francisco.
Filed Oct. 1, '13. Dated Sept. 29, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$17,800
Bond, \$5900. Surety, Fidelity & De-
posit Co. Limit, Dec. 24, '13. Forfeit,
\$10. Bonus, \$10. Plans and specifica-
tions filed.

(3616) SE VAN NESS AVE & BUSH
S 31x E 59 WA 57. Excavation, mason-
ry, carpenter, mill, sheet metal,
plaster, roofing, wiring, glazing,
marble, painting, etc., for five-story
and basement Class "C" store and
lodgings.
Owner.....Minnie P. Shotwell, 1200
Shotwell, San Francisco.
Architect...Nathaniel Blaisdell, 255
California, S. F.
Contractor...C. P. Moore Bldg. Co.,
Sharon Bldg., S. F.
Filed Oct. 1, '13. Dated Sept. 29, '13
2nd tier of joists in place.....\$3727

4th tier of joists in place..... 3727
Roofed and brown coated..... 3728
Completed and accepted..... 3728
Usual 35 days..... 4971

TOTAL COST, \$19,581

Bond, \$9942. Sureties, H. C. Bennett
and G. H. Moore. Limit, 100 days.
Forfeit, \$20. Plans and specifications
filed.

(3617) PLUMBING, DRAINAGE, FIX-
tures, sewer, boiler, heater, etc.,
on above.
Contractor...Jas. H. Pinkerton, 2266
Fulton, San Francisco.
Filed Oct. 1, '13. Dated Sept. 29, '13.
All rough plumbing in.....\$1090
Completed and accepted..... 1091
Usual 35 days..... 727
TOTAL COST, \$2908

Bond, \$1454. Sureties, G. F. Bernard
and R. J. O'Brien. Limit, 60 days.
Forfeit, \$20. Plans and specifications
filed.

(3618) E TWENTY-SIXTH AVE 100 S
California S 25x E 120 OL 157. All
work except plumbing, etc., for two-
story frame residence.

Owner.....Julius and Mary A. Appel,
322 26th Ave., S. F.
Architect...John H. Von Ahuden, 358
3rd Ave., San Francisco.
Contractor...Wm. Van Herick, 218 23rd
Ave., San Francisco.
Filed Oct. 1, '13. Dated Sept. 20, '13.
Frame completed, sheathing on,
window frames set and roof
shingled\$526
Brown coated 526
Completed and accepted..... 526
36 days after..... 528
TOTAL COST, \$2106

Bond, \$1002. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 60 days.
Forfeit, \$5. Plans and specifications
filed.

(3619) NO. 3007 SAN BRUNO AVE. Raise
dwelling and add foundation.
Owner.....A. Simon, Premises.
Architect...None.
Contractor...G. Opitz, 115 Campbell Ave.,
San Francisco.
COST, \$400

(3620) NO. 1215 LANE. Raise dwelling
and add foundation.
Owner.....E. Vignera, Premises.
Architect...None.
Contractor...G. Opitz, 115 Campbell Ave.,
San Francisco.
COST, \$400

(3621) NO. 541 MONTGOMERY. Con-
struct wall and general repairs.
Owner.....Charles Josselyn, 2112
Pacific Ave., S. F.
Architect...Bakewell & Brown, 251
Kearny, San Francisco.
Contractor...Barrett & Hilz, 422 Sharon
Bldg., San Francisco.
COST, \$400

(3622) NO. 3670 EIGHTEENTH. Raise
building and add bay window.
Owner.....Gus May, Premises.
Architect...None.
Contractor...Pettersson & Persson, Lick
Bldg., San Francisco.
COST, \$650

(3623) E REED 56 S Green. Add two
rooms and tar and gravel roof.
Owner.....V. Spingolo, S Reed, S. F.
Architect...None.
Day's work. COST, \$400

(3624) S HOLLOWAY 25 E Lee Ave. Move and alter front of dwelling and build concrete foundation.
Owner.....L. E. Spoungle, 1115 Greenwich Terrace, S. F.
Architect...None.
Contractor...J. H. Truitt, 174 Brighton Ave., San Francisco.
COST, \$400

(3625) E EIGHTEENTH AVE 125 S Anza. Two-story and basement frame dwelling.
Owner.....A. R. Lapham, 1853 McAllister, San Francisco.
Architect...None.
Day's work. COST, \$2000

(3626) SE ATHENS 40 SW Excelsior. One-story and basement frame residence.
Owner.....O. Swanson, 4060 18th, S. F.
Architect...None.
Day's work. COST, \$1050

(3627) SE ATHENS 75 SW Excelsior. One-story and basement frame residence.
Owner.....O. Swanson, 4060 18th, S. F.
Architect...None.
Day's work. COST, \$1050

(3628) W TWENTY-FIFTH AVE 264 N Lake. Two-story and basement frame residence.
Owner.....Thos. Seoble, 363 14th Ave., San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, \$4000

(3629) SW OLIVE AND LARKIN S 60 xW 100 WA 9. All work except grading, concrete, plumbing and electric work for one-story and basement Class "C" store building.
Owner.....Metta Hacke, 244 California, San Francisco.
Architect...Arthur T. Ehrenfort, 251 Kearny, San Francisco.
Contractor...Jas. F. Conlan, 842 Guerrero, San Francisco.
Filed Oct. 2, '13. Dated Sept. 26, '13.
Steel columns and girders set up and 2nd story joists in.....\$2500
Brown coated.....2850
Completed and accepted.....2000
Usual 35 days.....2450
TOTAL COST, \$9800
Bond, \$1900. Sureties, Jas. E. Lennon and Edw. J. Conlan. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(3630) W NINETEENTH AVE 356 N Cabrillo N 31-7 W 120-1½ S 33 E 120 OL 362. All work for one-story frame bungalow.
Owner.....Jeanette Yates, Lick Bldg. San Francisco.
Architect...None.
Contractor...Wm. F. Yates, Lick Bldg., San Francisco.

Filed Oct. 2, '13. Dated Sept. 8, '13.
1st payments.....\$542.50
2nd payment.....540.00
3rd payment.....540.00
Usual 35 days.....540.00
TOTAL COST, \$2162.50
Bond, none. Limit, 75 days after Sept. 22. Forfeit, none. Plans and specifications, none.

(3631) W TRINITY 68-9 N Sutter W 61-2½xN 34-4½. Excavating and concrete work for 10-story and basement addition to French-American Bank of Savings Building.

Owner.....French-American Bank of Savings.
Architect...E. A. Bozio, 1125 Laguna, San Francisco.
Contractor...O. E. Brady & Son, 180 Jessie, San Francisco.
Filed Oct. 2, 1913. Dated Oct. 2, '13.
Semi monthly on 1st and 15th of each month.....75%
36 days after.....25%
TOTAL COST, \$4320
Bond, \$2110. Sureties, Adam Beck and J. W. Miller. Limit, Nov. 16. Forfeit, \$50. Plans and specifications filed.

(3632) STRUCTURAL STEEL AND Iron work on above.
Contractor...Ralston Iron Works, 20th and Indiana, S. F.
Filed Oct. 2, '13. Dated Sept. 30, '13.
Payments same as above.....
TOTAL COST, \$17884
Bond, \$8942. Surety, Fidelity & Deposit Co. of Maryland. Limit, Dec. 19. Forfeit, \$50. Plans and specifications filed.

(3633) NO. 566 TENTH AVE. Add sun porch.
Owner.....Mr. McGrath, Premises.
Architect...None.
Contractor...J. S. Treasure, 467 Corbett Ave., San Francisco.
COST, \$400
(3634) NO. 1065 ALABAMA. Raise dwelling, add foundation and ratproof.
Owner.....Mrs. Ellen Sears, Premises.
Architect...None.
Contractor...E. K. Pearson, 2362 Bryant San Francisco.
COST, \$400

(3635) NO. 1729 SAN BRUNO. Underpin dwelling, new foundation and ratproof.
Owner.....G. Cagnacci, Premises.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...G. Cavaglieri, 593 Potrero Ave., San Francisco.
COST, \$400

(3636) NO. 1021 CALIFORNIA. Plaster rear of residence.
Owner.....H. E. Law, Premises.
Architect...None.
Contractor...Louis J. Delbel, 1554 Leavenworth, S. F.
COST, \$400

(3637) NOS. 265-275 CHURCH. Terrazzo steps.
Owner.....Mrs. Frazer, Premises.
Architect...None.
Contractor...C. Wengard, 3638 Judah, San Francisco.
COST, \$400

(3638) S DUNCAN 225 E Diamond. One-story and basement frame dwlg.
Owner.....Mrs. Annie Kaiser, 657 Duncan, San Francisco.
Architect...None.
Day's work. COST, \$450

(3639) NO. 152 GEARY. Erect mar- quise.
Owner.....L. & E. Emanuel, 144 12th, San Francisco.
Architect...None.
Contractor...Federal Elec. Sign Co., 257 8th, San Francisco.
COST, \$400

(3640) S DEVISADERO AND EDDY. Add store.

Owner.....C. F. Kohn, Turk and Buchanan, San Francisco.
Architect...E. A. Newmarkel, 948 Market, San Francisco.
Contractor...S. D. Kress, 2039 Green, San Francisco.
COST, \$500

(3641) SE SEVENTEENTH AND SAN Bruno Ave. All work for two-story frame residence.
Owner.....J. O'Shea.
Architect...Herbert B. Maggs, 125 Alpine, San Francisco.
Contractor...Frank Neldick, 2669-A Howard, San Francisco.
Filed Oct. 3, '13. Dated Sept. 30, '13.
2nd story joists in place.....\$1000.00
3rd story joists in place.....1000.00
Frame up and roof on.....1000.00
Ready for lathing.....1000.00
Window and door casings on.....1000.00
Completed and accepted.....437.50
Usual 35 days.....182.50
TOTAL COST, \$7250.00

Bond, Guaranty bond in favor of owner, Sureties, Jas. Brennan and Chas. J. McDonnell. Limit, Dec. 20. Forfeit, \$5. Plans and specifications filed.

(3642) NOS. 100-110 ELLIS. Remodel stairs, move partitions and alter front.
Owner.....M. P. McQuone, 110 Ellis, San Francisco.
Architect...None.
Contractor...Fink & Schindler Co., 226 13th San Francisco.
COST, \$450

(3643) NO. 30 PIEDMONT. One-story frame garage.
Owner.....A. Kirwin, Premises.
Architect...None.
Day's work. COST, \$400

(3644) SE STAPLES AND PHELAN. One-story and basement frame dwlg.
Owner.....Mrs. Hauley, 478 Staples Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(3645) NW BALBOA & FIFTH AVE. Excavate, install pipe casing and minor repairs in store.
Owner.....J. Parrell, 406 Balboa, San Francisco.
Architect...None.
Contractor...J. M. Ploeger, 3265 26th, San Francisco.
COST, \$700

(3646) NO. 453 TENTH AVE. General repairs to building.
Owner.....Paul Hendricks, Premises.
Architect...None.
Day's work. COST, \$500

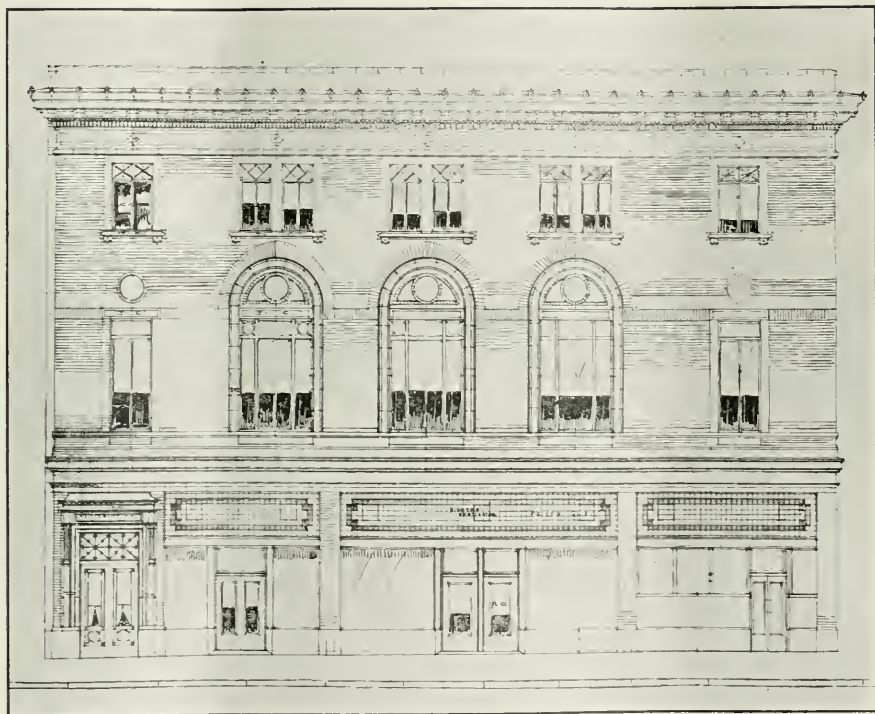
(3647) W Mission 25 N Richland. Two story frame store and flat.
Owner.....Frank J. Egan, 15 Roscoe, San Francisco.
Architect...None.
Day's work. COST, \$2500

(3648) SW DIAMOND & NINETEENTH S 55xW 37-6. All work for three-story and basement frame flats.
Owner.....V. Filisetti, 325 Eureka, San Francisco.
Architect...Chas. Fantoni, 916 Kearny, San Francisco.
Contractor...P. Carmignani and J. Martinelli, 1122 Montgomery, San Francisco.
Filed Oct. 4, '13. Dated Oct. 2, '13.



MARITIME HALL ASSOCIATION'S NEW HOME
San Francisco

Charles Paff, Architect
San Francisco



LODGE HALL FOR CARPENTER'S ASSOCIATION
San Francisco

Charles Paff, Architect
San Francisco

2nd story joists on.....\$1010
Enclosed and roofed..... 1010
Brown coated..... 1736
Completed and accepted..... 1737
Usual 35 days..... 2747

TOTAL COST, \$3240

Bond, \$4120. Surety, The Title Guaranty & Surety Co. Limit, 90 days after Oct. 6. Forfeit, \$5. Plans and specifications filed.

(3649) E SEVENTH AVE 452-53% N Lake N 30xE 120. All work for two-story frame residence.

Owner.....Helen S. Lowenthal.
Architect.....Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor.....Monson Bros., 1907 Bryant San Francisco.

Filed Oct. 4, '13. Dated Oct. 3, '13.
Roof on.....\$966
Brown coated..... 966
Completed and accepted..... 966
Usual 35 days..... 966

TOTAL COST, \$3984

Bond, \$1992. Surety, Maryland Casualty Co. Limit, Feb. 1, '14. Forfeit, none. Plans and specifications filed.

(3650) LOTS 21 AND 22 BLK 3 Crocker Amazon Tract. All work for one-story and basement frame residence and separate garage.

Owner.....Lena W. Farewell.
Architect.....J. E. Kraft & Sons, Phelan Bldg., San Francisco.

Contractor.....L. Dioguardi.
Filed Oct. 4, '13. Dated Oct. 1, '13.
1st floor joists in.....\$ 500
Walls and roof sheathed..... 900
Completed and accepted..... 1590
36 days after..... 1600

TOTAL COST, \$3990

Bond, \$2600. Sureties, N. Capurro and J. Billie. Limit, Dec. 22. Forfeit, \$3. Plans and specifications filed.

(3651) NW POWELL AND SUTTER N 112-6xW 77-6. All work for eight-story and basement Class "A" steel frame office building.

Owner.....W. F. Perkins and H. O. Townbridge
Architect.....Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
Contractor.....McLeran & Peterson, Sharon Bldg., San Francisco.

Filed Oct. 4, '13. Dated Oct. 1, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST not to exceed, \$215,000
Bond, \$197,500 Surety, Southwestern Surety Co. Limit, 220 days. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

Sept. 29, 1913—N CRESCENT AVE 50 W Andover Ave W 25x N 100; Blk 8 Holly Park Tct. Stella M Warner as to improvements on leased property.....

ASSIGNMENT OF LIEN.

Sept. 27, 1913—E FOLSOM 185 S 22nd S 30xE 122-6. L C Cutts vs A L Stockton Lumber Co.....

NOTICE OF NON-RESPONSIBILITY.

Sept. 27, 1913—E THIRTY-FIFTH Ave 100 N Irving (I) N 25xE 120. John Theodorelo as to improvements on leased property.....
Sept. 29, 1913—S MANGLES 200 W Baden W 25xS 100; Lot 31 Blk 40,

Sunnyside. Homestead Realty Co as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Oct. 1, 1913—S MANGLES AVE 175 W Baden W 25xS 100, Lot 34 Blk 40, Sunnyside. Homestead Realty Co as to improvements on leased property.....

NOTICE OF NON-RESPONSIBILITY.

Oct. 2, 1913—NW MASO, & LATHAM Place 60 on Mason and 77-6 on Lathan Place. Joseph Estate Co as to improvements on leased property.....
Oct. 2, 1913—LOTS 17 AND 18 BLK "A" Silver Terrace. Alfred and Emma Alberts as to improvements on leased property.....

BUILDINGS ERECTED SINCE THE FIRE.

Total, cost, number and classification of buildings erected since May 1906, to September 31st, 1913.

Class	No. of Bldgs.	Amount
Class "A"	160	\$ 31,925,604
Class "B"	193	14,201,691
Class "C"	2590	77,331,760
Frames	23621	90,582,178
Alterations	20345	16,915,268

Total46999 \$230,956,501

NOTICE OF NON-RESPONSIBILITY.

Oct. 3, 1913—S ANZA 90 E 35th Ave E 25xS 100. Albert Meyer as to improvements on leased property....

COMPLETION NOTICES.

San Francisco.

Sept. 17, 1913—SE BALBOA AVE and Ocean Blvd 50 on Balboa Ave and 100 on Ocean Blvd. J A Raggett to Robert Dewar & Son.....Aug. 23, 1913
Sept. 19, 1913—N CLEMENT 57-6 W 23rd Ave W 25 E 25 N 100 E 25 S 100. W Benn Hocking to Thos Hamill.....Sept. 12, 1913
Sept. 19, 1913—NW PACIFIC AND Mason. J or Jos Roger to J M Ploeger.....Sept. 19, 1913
Sept. 20, 1913—S FELL 134 W Polk W 31 S 135-2½ NE38-2½ N 112-10½ P J McGovern to Rainey & Phillips.....Sept. 13, 1913
Sept. 20, 1913—SW O'FARRELL & Jones W 49-6 S 68-9 W 23 S 22 E 71-6 N 90-9. J M Kane and W J Yore to whom it may concern.....Sept. 17, 1913
Sept. 22, 1913—S HAIGHT 87-6 E Broderick 25x110. F C Cook to whom it may concern.....Sept. 20, 1913
Sept. 22, 1913—SW SIXTEENTH & Dehon S 50 W 27 S 3 W 28 S 53 E 55. C P Horning to Chas Fernsworth and F F Hall.....Sept. 22, 1913
Sept. 22, 1913—NW GEARY & POLK W 82-6xN 120. Pierce-Arrow Sales Co to J D Hannah (two completion notices filed).....Sept. 20, 1913
Sept. 22, 1913—NW VAN NESS AVE and Post N 120xW 159-9. The Hecht Invest Co to National Elec Co.....Sept. 12, 1913
Sept. 22, 1913—E THIRTIETH AVE 225 N Clement N 25xE 120. Charles

M Weile to Cleeve Carson & Sons.....Sept. 10, 1913
Sept. 22, 1913—N EIGHTEENTH 165 E Danvers E 25xN 86. Annie Keegan to Geo D Gillmore.....Sept. 15, 1913
Sept. 22, 1913—W FOURTH AND Jessie NW 75xSW 75. Mary L Phelan to Judson Mfg Co.....Sept. 17, '13
Sept. 23, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Michael Murphy.....Sept. 17, 1913
Sept. 23, 1913—W JONES 90 S Pacific N 30xW 52-4. John Wisnom to Higginson Co, Inc.....Sept. 22, 1913
Sept. 23, 1913—N PACIFIC 114-6 W Jones 23x60. A Corbelli to V Philippo.....Sept. 23, 1913
Sept. 23, 1913—W FIFTEENTH AVE 100 N Judah N 25xW 127-6. Anders Emil Olsen to H Nelson.....Sept. 23, 1913
Sept. 23, 1913—SE HYDE & GEARY E 68-8½xS 97-6. Sarah A Bryan to George Bernard.....Sept. 18; William Schafter, Sept 18; Fennell & Wand.....Sept. 18, 1913
Sept. 24, 1913—LOT 12 BLK "D" Mission Terrace. James P Fletcher to whom it may concern.....Sept. 24, 1913
Sept. 24, 1913—E NINTH AVE 50 N Ortega N 25xE 100. August H Johnson to William G Zupar.....Sept. 23, 1913
Sept. 24, 1913—SE LONDON 242 SW Brazil Ave SW 33xE 100; Lot 2 Blk 12 Excel Hld Ass'n. Robert E Balnes to whom it may concern.....Sept. 1, 1913
Sept. 24, 1913—SW ELEVENTH AVE and Lake. Chas E and Mary A Ellis to whom it may concern.....Sept. 15, 1913
Sept. 25, 1913—NE MISSION AND Twenty-third N 40xE 122-6. Wm L Helke to J S Hannah.....Sept. 25, 1913
Sept. 24, 1913—S WASHINGTON 110 E Webster E 27-6xS 127-8½. Mrs Benj Wood or Alice G Wood to Sept. 25, 1913—N JACKSON 97-6 E Locust N 127-8½xE 40. Kate and Alexander D Keyes to Mealey & Collins.....Sept. 16, 1913
Sept. 25, 1913—S TWENTY-SECOND 130 W Sanchez W 50xS 114. Emil and Elsie Nelson to whom it may concern.....Sept. 5, 1913
Sept. 25, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to The Daniel O'Day Co.....Sept. 23, 1913
Sept. 25, 1913—W STOCKTON 235-6 N Sutter — 60 S 28-6 E 60 N 38-6. Dudley F, Eliza J, Harry K and Geo Fish to Jacobsen-Bade Co and K G Lundstrom.....Aug. 26, 1913
Sept. 25, 1913—N WASHINGTON 261-3½ E from NW Washington & Kearny N 112 NE 14 SE 156-3½ W 110-4½. Macdonald & Kahn and Elise A Drexler to Clinton Fireproofing Co.....Sept. 20, 1913
Sept. 26, 1913—SE POST AND JONES Niels Larsen to L C and Chris Larsen.....Sept. 25, 1913
Sept. 26, 1913—N BROADWAY 65 W Broderick W 60xN 137-6. Samuel H Boardman to John G Sutton Co.....Sept. 18, 1913
Sept. 26, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8½. A B Spreckels to Butte Elec & Eng Co.....Sept. 17, 1913
Sept. 26, 1913—S CARSON AVE 180 W Douglass 172-1½, S 190L, Amelia E Pollard to J T Grace.....Sept. 13, 1913
Sept. 26, 1913—N PARNASSUS AVE 127-5 W Willard 50x138-9. Jose-

LIENS FILED

SAN FRANCISCO COUNTY.

(Correction in Claimant's Name.)

- phine L. Andler to F Crothers..... Sept. 26, 1913
- Sept. 27, 1913—W SANCHEZ 212 N 14th 26x125. Christina Petterson to L G Bergren.....Sept. 27, 1913
- Sept. 27, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/2. Sierra Investment Co to Wm F Wilson Co.....Sept. 26, 1913
- Sept. 27, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-8 1/2. The S F Polyclinic and Post Graduate College to McKinzie & Pinkerton.....Sept. 24, 1913
- Sept. 29, 1913—NW JESSIE 225 SW Third SW 55 NW 80 NE 5 NW 70 NE 50 SE 150. Pacific Gas & Elec Co to W P Edwards and H J Kaufman (as Kaufman & Edwards).....Sept. 24, 1913
- Sept. 29, 1913—NW DAVIS AND Commercial 59 on Davis. Sullivan Estate Co to Patrick R Ward.....Sept. 29, 1913
- Sept. 29, 1913—E SIXTH AVE 250 S Balboa. Emma Fry to MacKillop & Ragsdale.....Sept. 27, 1913
- Sept. 29, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 S 110 E 137-6. Mount Zion Hospital to Otis Elevator Co.....Sept. 23, 1913
- Sept. 29, 1913—NW BUSH & VAN Ness Ave N 60xW 100. James P Sweeney to R W Moller, Kiernan & O'Brien, J G Sutton & Co, Jos Musto Sons-Keenan Co, Woods & Inndert, Pacific Mfg Co, Hart Wood Lumber Co, S F Cornice Co, National Lathing & Furring Co, Ralston Iron Works, Acme Iron Works, Palace Hardware Co, Otis Elev Co, Roberts Mfg Co and Meyerberg Co.....Sept. 29, 1913
- Sept. 29, 1913—W BRODERICK 25 S Page S 25xW 100. Katherine A Libby to whom it may concern.....Sept. 29, 1913
- Sept. 29, 1913—COM. AT CENTER line Carson Ave 156-8 W Douglass W 25 S 118-8 1/2 m or l SE 28 m or l N 135-3 1/2 m. James F Browne to whom it may concern.....Sept. 22, 1913
- Sept. 29, 1913—W SECOND AVE 100 S Lake S 25xW 120. Guiseppe Runcallo to Wm J Cuneo.....Sept. 27, 1913
- Sept. 30, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Saint Winifred Sanatorium by Winslow Anderson to Henry Ernst & Sons.....Sept. 25, 1913
- Sept. 30, 1913—LOT 34 BLK 12 Crocker Amazon Tract. Arthur G Duncan to L L Allen.....Sept. 30, 1913
- Sept. 30, 1913—N PARK 300 E Leese 25x100. William Donovan to William Miller.....Sept. 25, 1913
- Sept. 30, 1913—S ELLIS 120 E Leavenworth 27-6x137-6. Henry Rathjen to G H & S Walker.....Sept. 20, '13
- Sept. 30, 1913—N SEVENTEENTH 54-11 E Capp E 25xN 100. Joseph or J Castagne and Maurice or M Ducaese to Louis Metier.....Sept. 20, '13
- Sept. 30, 1913—W FOURTH 75 S Minna S 34-4x137-6. Boyd Invest Co to whom it may concern.....Sept. 23, 1913
- Sept. 30, 1913—SE LAIDLAY 97-11 NE Castro NE 25xSE 100 pin Lot 17 Blk 2 Mission and 30th St. Hd Union. Folke Monson to whom it may concern.....Sept. 30, 1913
- Sept. 30, 1913—E COMMONWEALTH Ave., bet Euclid and California; No. 42 Commonwealth Ave, Jordan Tract. Lee Eschen to M Fisher.....Sept. 30, 1913
- Sept. 30, 1913—E ORD 110 S 17th S 25xSE 68. I Geiger to Edwin Anderson and John Carlson.....Sept. 26, 1913
- Sept. 30, 1913—NE CALIFORNIA AND Twenty-second Ave E 35xN 100. G Giulliani and V Pallsi to Onofrio Fraumeni and Steur & Bury.....Sept. 29, 1913
- Sept. 30, 1913—NE ELLIS & LARKIN E 68-9xN 62-6. Jean Allee to Lettich Bros, Sept. 22; H L Petersen.....Sept. 22, 1913
- Sept. 30, 1913—NE ELLIS & LARKIN E 68-9xN 62-6. Jean Allee to A Gradin.....Sept. 22, 1913
- Oct. 1, 1913—N JACKSON 68-6 E Larkin E 23xN 87-6. Geo F Welch to Chas J U Koenig.....Sept. 29, 1913
- Oct. 1, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Car Co of California by Clinton Fireproofing C to Lyden & Bickel.....Sept. 24, 1913
- Oct. 1, 1913—SE POWELL AND O'Farrell. The Union League Club, Lessee to A C Wocker.....Oct. 1, 1913
- Oct. 1, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8 1/2. A B Spreckels to John G Sutton Co.....Sept. 29, 1913
- Oct. 1, 1913—E FORTY-SEVENTH Ave 260 S Balboa S 50xSE 120. Eugene B Hallett to whom it may concern.....Sept. 30, 1913
- Oct. 1, 1913—E FORTY-SEVENTH Ave 310 S Balboa S 50xSE 120. Eugene B Hallett to whom it may concern.....Sept. 22, 1913
- Oct. 1, 1913—NE VALEJO & HYDE 24x60. William K Bush to E J Montgomery.....Sept. 18, 1913
- Oct. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Thomas Elam & Son.....Sept. 30, 1913
- Oct. 1, 1913—SW O'FARRELL AND Broderick S 74xW 35. E W and A M Bender to whom it may concern.....Oct. 1, 1913
- Oct. 1, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange to Vulcan Iron Works, Sept. 29; J E O'Mara.....Sept. 29, 1913
- Oct. 1, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. John A Lennon to Pacific Fire Extinguisher Co.....Sept. 27, 1913
- OCT. 3, 1913—S GREENWICH 150 W Larkin W 25xS 150. Mae Marino, Rinaldo J and Ida M Olivi to Ratto & Giannini.....Oct. 2, 1913
- Oct. 3, 1913—E PUTNAM (Putnam Ave) 125 N Jarboe (Jefferson) Ave N 50xSE 70 Lots 1094 and 1096 Gift Map S. Thos S Webb to T H Parry.....Sept. 27, 1913
- Oct. 2, 1913—W NINTH AVE 100 S Irving W 73xN 66. Patrick Furlong to whom it may concern.....Oct. 2, 1913
- Oct. 2, 1913—EDDY NO. 47, fronting on Eddy and Market. Leong Entow to Brandt & Stevens.....Oct. 1, 1913
- Oct. 2, 1913—S EIGHTEENTH AND Collingwood. L A Gautier to E A F Carson.....Oct. 2, 1913
- Oct. 2, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/2. Sierra Invest Co to F L Malno.....Oct. 2, 1913
- Sept. 16, 1913—W RAILROAD AVE 26 N 17th Ave (South) N 25xW 100. A Alberts vs Geo Dall Olmo.....\$367.50
- Sept. 17, 1913—SE NINETEENTH & Valencia E 80xS 60. Redwood Manufacturers Co vs W H Bagge and Claude E GHills and Kenneth C GHills.....\$1094.31
- NOTE:—Above lien was subsequently released. The Redwood Manufacturers Company desire to announce that the filing of above lien was a mistake.
- Sept. 13, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 30 SE 18 NE 75. Crane Co vs D R McElroy, H M Hoffman and W L Meusser.....\$953.23
- Sept. 13, 1913—E DOLORES 76 S 21st S 25xSE 90. Mulcahy Bros vs O B Hedstrom and Annie E Conniff.....\$92
- Sept. 15, 1913—W WOODLAND AVE 150 S Parnassus Ave W 80xS 25 Lot 55 Blk "O" Sunset. California Standard Planing Mill Co vs E Florence Stebbing.....\$352.95
- Sept. 16, 1913—W RAILROAD AVE 26 N 17th Ave (South) N 25xW 100. A Albrts vs Geo Dall Olmo.....\$367.50
- Sept. 16, 1913—W EMBARCADERO 137-6 S Howard S 45-10xW 137-6. Theodore S Hoin vs Joseph Wagner.....\$25,289.85
- Sept. 17, 1913—S SHORT in Blk 12 Sub No. 3 Pioche and Robinson's Sub. Leonard Lumber Co vs B W Haines and C H Gish.....\$34.38
- Sept. 17, 1913—SE ELLIS & JONES 55x87-6. J S Guerin and T F Guerin as J S Guerin & Co vs Brandt & Stevens and The Board Realty Co.....\$1516.35
- Sept. 18, 1913—E FORTY-SEVENTH Ave 260 S Balboa to a pt 360 S Balboa x 120 in depth. W H Yates vs E B Hallett.....\$600
- Sept. 19, 1913—SW RUSSIA AVE 75 NW Athens NW 35xSW 100. D A Markwith vs Siegmund H Friedrichs.....\$176.80
- Sept. 20, 1913—NW LISBON 125 NE Persia Ave NE 100xNW 100. John A M Boller, \$63; Whittey Coburn Co, \$182.07 vs Atlas Home Makers Cpn.....
- Sept. 20, 1913—NW LISBON 125 NE Persia Ave NE 25xNW 100; NW Lisbon 150 NE Persia Ave NE 25xNW 100; NW Lisbon 175 NE Persia Ave NE 25xNW100; NW Lisbon 200 NE Persia Ave NE 25xNW 100. Martin Nihill vs Atlas Home Makers Cpn.....\$152.28
- Sept. 23, 1913—W SEVENTH AVE 225 N Irving N 25xW 120. L A Hufschmidt Mfg Co vs E B Hallett, P E and Cora A O'Hair.....\$142.80
- Sept. 23, 1913—W SEVENTH AVE 250 N Irving N 25xW 129. L A Hufschmidt Mfg Co vs E B Hallett, and Dorothy B Lee.....\$124
- Sept. 23, 1913—W SEVENTH AVE 175 N Irving N 50xW 120. L A Hufschmidt Mfg Co vs E B Hallett, John Moroncelli, Emile D Mori and Ione B Mori.....\$248
- Sept. 22, 1913—W GUERRERO 183 N 22nd 33x117-6. N O Nelson Mfg Co vs W H George and John Shears.....\$160.35
- Sept. 24, 1913—LOT 20 BLK "H" Mission Street Land Co. A A Sauers vs E Restani.....\$304

Sept. 26, 1913—SW FRONT AND Washington W 68.9xS 60. Santa Cruz Portland Cement Co. \$405.38;
Sept. 26, 1913—SW FRONT AND Washington W 68.9xS 60. Santa Cruz Portland Cement Co. \$405.38;
vs John Schmidt & Son and Joseph Estate Co; Standard Portland Cement vs Same. Same. \$408
Sept. 29, 1913—SW WASHINGTON & vs Joseph Estate Co and John E. Beck. \$1000
Sept. 30, 1913—SW FRONT AND Washington W 68.9xS 60. R L Tierman and A V Beronio vs John Schmidt & Son and Joseph Estate Co. \$63.65
Sept. 30, 1913—SE TWENTY-FIFTH and Florida E 50xS 63. The Greater City Lumber Co vs Swedish-Finnish Ebenezer Baptist Church (cpn) and C W Brinstad. \$234.25
Sept. 30, 1913—E FORTY-SEVENTH Ave 260 S Balboa (B) S 100xS 120. L A Hufschmidt Mfg Co vs E B Hallett and J W Schouten & Co. \$27.50
Oct. 1, 1913—SE GOLDEN GATE AV and Laguna S 100xS 54 m or l. Jas F Coghlan vs Mrs Kate Besore, 2-5; Frank J Fallon, 1-5; Jas Fallon, 1-5; Eugene Fallon, 1-5. \$186.25
Oct. 2, 1913—SW O'FARRELL AND Broderick 75xW 40. Frank Neidick vs Ada M Bender. \$301
Oct. 2, 1913—NW THIRD & BRYANT N 50xW 115. Redwood Mfgs Co vs H D Matherly, John O'Kane, John Doe Ross and Josephine Hendrickson. \$43.79

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE ALTERATIONS — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, O. A. Giles. This work will include new interior finish, mostly pine, hardwood floors, new plumbing, electric work and plastering. Some exterior woodwork will also be called for. Plans are complete and figures are now being taken by the architect.

RESIDENCES—2, 2 story and base, frame, \$3,500 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, Marshall & Diggs, Berkeley. These two dwellings will be erected on Ashby west of Claremont street, and each will contain seven rooms and bath. Interiors will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be large open fire places in each of the living rooms. Mantels will be of brick and tile. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, none. Owner, R. A. Simpson, 550 42nd street, Oakland. The house will be erected on 61st street west of Hillegass avenue, and has been designed to contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places.

Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, H. M. Swalley, 745 Wesley avenue, Oakland. The dwelling will be erected on the west side of Walker street south of College avenue, and has been designed to contain eight rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. Plans provide for furnace heat and open fire place. Mantel will be of brick. Tile wainscoting will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

BUNGALOW — 1 story and base, frame, \$3,000. Hayward, Alameda Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. De Lucchi. The dwelling has been designed for a six-room house with bath. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Manuel August, 913 Bancroft Way, Berkeley. The dwelling will contain seven rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire place in the living room with a brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—2 story and base, brick and frame, \$75,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on Harrison street, covering a large ground area. Plans provide for a total of 115 rooms, which are to be arranged in suites of two, three and four rooms. All interior finish will be of pine. Some hardwood floors will be used. There will be steam heat, a vacuum cleaning system and hot water supply. All suites will have wall beds and private bath rooms. Composition floors and tile wainscot will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with brick veneer. Plans are complete and figures are being taken.

GARAGE—I story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S.

F. Owners, Pacific Coast Agency, Kissell Car. This work has been mentioned here before when plans were first started. The building will be erected at the corner of 24th street and Broadway, and will be classic in design. Interior of the front portion of the structure, which is to be used for sales rooms, will be handsomely finished in pine and hardwoods. Rear portion will contain storage space and shipping department. Construction will be fireproof. Considerable ornamental plaster, marble and tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Healy. The building will be erected on 29th street near Richmond Boulevard, and has been designed to contain two modern flats of five rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be a large open fire place in each living room. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on Metal lath. Plans are now being prepared. Bids will be called for in about two weeks.

HOTEL—7 story and base, steel and brick, \$110,000. Oakland, Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Friedman Realty Co. This work has been mentioned here before. The structure will be erected at the southwest corner of Clay and 16th streets, having a frontage on one street of 100 feet and of 60 feet on the other. There will be four stores besides the hotel lobby on the first floor. Each of the upper floors will contain 13 guest rooms and 12 private baths. Interior will be finished in pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with grey pressed brick. Plans are complete and figures are being taken.

HOTEL ADDITION—Brick and steel construction, \$10,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris and Muller. An addition of a large banquet room and dance hall, public saloon and several private dining rooms is to be made to the hotel building recently erected by Morris and Muller. Plans for the work include interior finish, plastering, painting, plumbing and electric work. Details are complete and the work is now being done by Day Labor.

LODGE HALL—3 story and base, reinforced concrete. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Berkeley Elks' Hall Association. This work has been mentioned here before when plans were first started. Working drawings are now complete and bids are being taken. The building will be erected at the corner of Allston and Harrold streets, and when completed will be the finest lodge hall in Berkeley. Interior will be finished in pine and hardwoods. Plans include several large lodge rooms, ball room.

banquet hall, billiard rooms and gentlemen's parlors, billiard room and living apartments. There will be steam heat, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
2882	Croasman	Benson	2000
2883	Messick	Messick	400
2884	Long	Bruecker	5883
2885	Lewis	Santes	800
2886	Lind	Lind	1500
2887	Martin	Martin	100
2888	Bischoff	Bischoff	2500
2889	Bischoff	Bischoff	2500
2890	Ziegler	Drennan	2000
2891	Pied Bldg.	Lodge	1935
2892	Duncan	Lundberg	3185
2893	Fulcher	Fulcher	1000
2894	Lydixsen	Lydixsen	2100
2895	Richardson	Sydes	1000
2896	Farwell	Legault	2000
2897	Mathewson	Ferguson	1850
2898	Anderson	Anderson	2500
2899	Lunino	Perona	400
2900	Isaacs	Gibson	500
2901	Luhns	Covington	1600
2902	Magnus	Shrader	400
2903	Leman	Kollmer	4000
2904	Kelly	Loughery	1400
2905	Schmidt	Kidder	5570
2906	Hoffman	Cummins	1960
2907	Larsen	Hoard	550
2908	Stephens	Stephens	2400
2909	Chan	Koyana	400
2910	Zazazza	Silva	1235
2911	Carlson	Carlson	5000
2912	Swalley	Swalley	5000
2913	Wise	Humbert	500
2914	Mohr	Mohr	2000
2915	Mohr	Mohr	2000
2916	Electro	Thornely	6500
2917	Riley	Laughlin	500
2918	Peterson	Perona	1700
2919	May	Ingerson	6440
2920	Spitz	Johnson	1975
2921	Munson	Munson	500
2922	Strauss	Michelson	500
2923	Telxera	Thomas	400
2924	Kulchar	Kulchar	500
2925	Weise	Liton	1000
2926	McDonald	Farcade	1900
2927	Ryker	Hughes	1100
2928	Henshaw	Henshaw	2500
2929	Struckman	Sandhuhl	1500
2930	Kroeger	Hewitt	2000
2931	Lehnhardt	Duval	36576
2932	Cottrell	Home Buyers	1200
2933	Richmond	Fournier	1655
2934	Both	Both	2000
2935	Ventre	Ventre	1000
2936	Himan	McWilliams	2500
2937	Robins	Peterson	5000
2938	United Bldgs	Owner	1500
2939	Stine	Stine	1500
2940	Ziegler	Thompson	2000
2941	Larsen	Larsen	4300
2942	Pfrang	Pfrang	3500

(2882) E FRUITVALE AVE 100 N E-14th, Oakland. One-story 2-room stores.
Owner.....P. E. Croasman, 1525 35th Ave., Oakland.
Architect...None.
Contractor...Fred Benson, 3431 Rhoda Ave., Oakland.
COST, \$2000

(2883) NO. 9130 ALMOND, Oakland. Addition.
Owner.....S. L. Nessick, Premises.
Architect...None.
Day's work. COST, \$400

(2884) S SEVENTH 150 E Wood, Oakland. One-story 16-room stores and living rooms.
Owner.....William Long, Oakland.
Architect...James A. Dragicevich, Okd.
Contractor...J. H. Brueker, NW Cor. 14th Ave and E-12th, Okd.
COST, \$5883

(2885) NO. 1732 EIGHTEENTH AVE., Oakland. Alterations.

Owner.....G. Lewis, Premises.
Architect...None.
Contractor...L. Santes, 1820 E-17th, Okd.
COST, \$800

(2886) SE MAPLE AVE AND DAKOTA Oakland. One-story 5-room dwlg.
Owner.....J. A. Lind, 1516 Webster, Oakland.
Architect...None.
Day's work. COST, \$1500

(2887) E VALE AVE 225 N Thompsons, Oakland. One-story 4-room dwelling.
Owner.....John Martin, 2344 E-16th, Oakland.
Architect...None.
Day's work. COST, \$400

(2888) S OAK GROVE & W College Ave., Oakland. Two-story 6-room dwelling.
Owner.....John A. Bischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(2889) N OAK GROVE 408 W College Ave., Oakland. One and one-half-story 6-room dwelling.
Owner.....John A. Bischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(2890) LOTS 31 AND 32 LK "G" Map Laurel Grove Park, Oakland. All work for one and one-half-story 5-room dwelling.
Owner.....Harry and Lillian Ziegler, 662 25th, Oakland.
Architect...None.
Contractor...Drennan & Thompson, Okd.
Filed Sept. 29, '13. Dated Sept. 25, '13.
Frame up 1/4
Plastering completed 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$2000

Bond, \$1000. Surety, U. S. Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2891) LOT 7 BLK 4 Map Havenscourt, Oakland. All work for two-story flats.
Owner.....Piedmont Heights Bldg. Co. Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...C. F. Lodge, 7203 Spencer, Oakland.

Filed Sept. 29, '13. Dated Sept. 24, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$1935

Bond, \$967.50. Surety, Fidelity & Deposit Co. Limit, 65 days. Forfeit, none. Plans and specifications filed.

(2892) E KINGSTON 200 N Linda, Piedmont. Five-room bungalow.
Owner.....A. M. Duncan.
Architect...None.
Contractor...Lundberg & Cartright, 595 17th, Oakland.
COST, \$3155

(2893) N FOURTEENTH 150 E Franklin, Oakland. One-story concrete office.
Owner.....Fulcher Concrete Bldg. Co. Commercial Bldg., Oakland.
Architect...None.

Contractor...W. H. Fulcher, Commercial Bldg., Oakland.
COST, \$1000

(2899) E TWENTY-NINTH AVE 200 S E-14th, Oakland. Two-story 6-room dwelling.
Owner.....Geo. H. Lydixsen, 1616 25th Ave., Oakland.
Architect...None.
Day's work. COST, \$2100

(2902) N SAN JUAN 100 W 35th Ave., Oakland. One-story 4-room dwlg.
Owner.....Mrs. M. Richardson, Prem.
Architect...None.
Contractor...C. E. Sydes, 4070 Boulevard Ave., Oakland.
COST, \$1000

(2903) NO. 363 CRESCENT, Oakland. Addition.
Owner.....F. M. Farwell, Premises.
Architect...None.
Contractor...O. Legault, 3136 West, Oakland.
COST, \$2000

(2904) SW MIDVALE AVE AND Kansas, Oakland. One-story 5-room dwelling.
Owner.....Frank Mathewson, 954 Fruitvale Ave., Oakland.
Architect...None.
Contractor...A. L. Ferguson.
COST, \$1850

(2907) S SIXTY-FIRST, bet Colby and Canning, Oakland. One-story five-room dwelling.
Owner.....P. Anderson, 622 47th, Okd.
Architect...Alvin J. Stern, 1533 Broadway, Oakland.
Day's work. COST, \$2500

(2910) NO. 2072 THIRTY-FIFTH AVE Oakland. Alterations.
Owner.....L. Lunino, 2611 Calhoun, Oakland.
Architect...None.
Contractor...John Perona, 590 9th, Okd.
COST, \$400

(2911) NO. 3531 RHODA, Oakland. One-story 2-room dwelling.
Owner.....Louis Isaac, Premises.
Architect...None.
Contractor...G. H. Gibson, 3531 Rhoda, Oakland.
COST, \$500

(2912) GORE CONGRESS & VICKSBURG AVE, Oakland. One-story five-room dwelling and store.
Owner.....Elfert Luhrs, 4101 Congress Ave., Oakland.
Architect...None.
Contractor...K. Covington, Oakland.
COST, \$1600

(2913) NOS. 1025-27 CASTRO, Oakland. Fire repairs.
Owner.....J. Magnus, 104 Pala Ave., Oakland.
Architect...None.
Contractor...J. F. Shrader, 520 16th, Okd.
COST, \$400

(2914) SW DANA AND WOOLSEY, Oakland. Two-story 7-room dwlg.
Owner.....L. Leeman.
Architect...None.
Contractor...Jacob Kollmer, 2753 Piedmont, Oakland.
COST, \$1000

(2915) LOT 13 BLK 5 Map No. 4, Regents Park, Albany. All work for one-story dwelling.

Owner.....Allice Kelly, 2132 Roosevelt Ave., Berkeley.
Architect...None.
Contractor...J. F. Loughery, 705 31st. Oakland.

Filed Oct. 1, '13. Dated Sept. 29, '13.
Enclosed, plastered & sash in \$ 400
Completed and accepted..... 1000
TOTAL COST, \$1400
Bond, \$1000. Surety, Elizabeth Loughery. Limit, 70 days. Forfeit, none
Plans and specifications filed

(2918) SW FIFTY-FIFTH AND TELEGRAPH AVE., Oakland. One-story 6-room store.
Owner.....W. J. Schmidt, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...Kladder & McCullough, 2075 Addison, Berkeley.

Filed Oct. 1, '13. Dated Sept. 29, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2570
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2919) NW FIFTEENTH AND WASHINGTON N 69.58 W 59.34 S 30.92 E 44.95, Oakland. Marble wainscoting, bases, casings, steps, partitions, etc., and mosaic and tile floors and tile partitions for six-story Class "C" office building.

Owner.....Chas. L. Hoffman and Chas. J. Heeseman, Oakland.
Architect...O'Brien & Werner, 68 Post, San Francisco.
Contractor...C. L. Cummins.
Filed Oct. 1, '13. Dated Aug. 18, '13.
Completed and accepted.....\$1470
Usual 35 days..... 490
TOTAL COST, \$1960
Bond, \$950. Surety, Southwestern Surety Ins Co. Limit, 35 days. Forfeit, \$20. Plans and specifications filed

(2920) NO. 9219 HOLLY, Oakland. Addition.
Owner.....Albert Larsen, Premises
Architect...None.
Contractor...M. Hoard, 1537 34th Ave., Oakland.
COST, \$550

(2921) E FORTY-FIRST AVE 10 S Santa Rita, Oakland. One-story five-room dwelling.
Owner.....F. H. Stephens, 2255 41st Ave., Oakland.
Architect...None.
Day's work. COST, \$2400

(2922) NO. 328 SEVENTH, Oakland. Alterations.
Owner.....Chan, Premises.
Architect...None.
Contractor...E. Koyama 320 7th, Okl.
COST, \$400

(2923) NO. 864 FORTY-SEVENTH, Oakland. One-story 4-room dwlg.
Owner.....L. Zazazko, Premises.
Architect...None.
Contractor...Silva & Luzane, 1406 Poplar, Oakland.
COST \$1235

(2924) S KEITH AVE 630 E College Ave., Oakland. One and one-half-story 7-room dwelling

Owner.....C. E. Carlson, 1512 Grove, Berkeley.
Architect...None.
Day's work. COST \$ 75

(2925) W WALKER AVE 190 S College, Oakland. Two-story 8-room dwelling.
Owner.....H. M. Swalley, 745 Wesley Ave., Oakland.
Architect...None.
Day's work. COST, \$500

(2926) NO. 1436 FIFTY-SEVENTH AVE., Oakland. Addition.
Owner.....L. E. Wise, Premises.
Architect...None.
Contractor...Hurlbut & Holland, 541 E-16th, Oakland.
COST, \$500

(2927) E DANA 34 S Woolsey, Oakland. Two-story 7-room dwelling.
Owner.....Geo. L. Mohr, 1810 Shattuck Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

(2928) E DANA 70 S Woolsey, Oakland. Two-story 6-room dwlg.
Owner.....Geo. L. Mohr, 1810 Shattuck Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

(2929) LOT 7 and Ptn Lots 5 and 6 Blk 19 Map S dvn of NW ptn Sather Tract, Fruitvale, Oakland. All work for frame factory.

Owner.....Electro Alkaline Co., Bacon Bldg., Oakland.
Architect...Romaine S. Myers, Bacon Bldg., Oakland.
Contractor...W. G. Thornally, 3027 E-16th, Oakland.

Filed Oct. 1, '13. Dated Sept. 30, '13.
10 day each month..... 557
Usual 35 days..... 257
TOTAL COST, \$613
Bond, \$3500. Sureties, A. H. Koppered and L. C. Carden. Limit, none. Forfeit, none. Plans and specifications filed.

(2930) NO 480 PERKINS, Oakland. Addition.
Owner.....B. J. Riley, Premises.
Contractor...Jno. Vauzian, 1124 Hampel, Oakland.
Architect...None.
COST, \$500

(2931) S WENTWORTH 140 E Fairfax Ave., Oakland. One-story 5-room dwelling
Owner.....T. S. Peterson, 2020 Dwight Way, Berkeley
Architect...None.
Day's work. COST, \$1700

(2932) LOTS 2 AND 3 BLK 80 Map Town of Alvarado, Alvarado. All work for two-story dwelling.
Owner.....August May, Alvarado.
Architect...Henry H. Meyers, No 1 Bldg., San Francisco.
Contractor...C. A. Ingerson 288 Lester Ave., Oakland.

Filed Oct. 2, '13. Dated Sept. 29, '13.
Frame up, exterior boarding on S. H. and roof and ready for roofing 1/4
Interior plaster completed and exterior ready for plaster..... 1/4
Completed and accepted..... 1/4
36 days after..... 1/4
TOTAL COST, \$6140
Bond, \$3250. Surety, Aetna Accident & Liability Co. Limit, 90 days. Forfeit, \$15. Plans and specifications filed

(2933) E FOURTEENTH AVE 200 N 26-26th, Oakland. One-story 5-room dwelling.
Owner.....Samuel Spitz, 1312 E-27th, Oakland.
Architect...None.
Contractor...Beo O. Johnson & Sons, 2014 E-30th, Oakland.
COST, \$1975

(2936) NO. 3761 BROADWAY, Oakland. Addition.
Owner.....H. Munson, Premises.
Architect...None.
Day's work. COST, \$500

(2937) NO. 1089 TWENTY-EIGHTH, Oakland. Repairs and reshingling.
Owner.....M. Strauss, Premises.
Architect...None.
Contractor...Mickelson & Palmer, 411 Moss Ave., Oakland.
COST, \$500

(2938) X FREDERICKS 100 W Kennedy, Oakland. One-story 4-room dwelling.
Owner.....J. Teixeira, 1081 Kennedy, Oakland.
Architect...None.
Contractor...Manul Thomas, 1064 Cotton, Oakland.
COST, \$400

(2939) NO. 3889 FRUITVALE AVE., Oakland. Repairs.
Owner.....S. Kulchar.
Architect...None.
Day's work. COST, \$500

(2940) NO. 3103 LYNDE, Oakland. Addition.
Owner.....H. Weise, Premises.
Architect...None.
Contractor...Roy B. Litton, 2326 26th Ave., Oakland.
COST, \$1000

(2941) W THIRTY-EIGHTH AVE 1322 N E-11th, Oakland. One-story 6-room dwelling.
Owner.....Mrs. E. S. McDonald, 1897 28th Ave., Oakland.
Architect...None.
Contractor...Wm. Bacarde, 1528 High, Oakland.
COST, \$1900

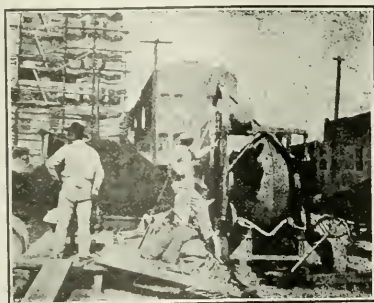
(2942) S THIRTY-SECOND 100 W Filbert, Oakland. One-story 4-room dwelling.
Owner.....Mary Ryker, 1015 32nd, Oakland.
Architect...None.
Contractor...D. E. Hughes, 845 Main, Albany.
COST, \$1100

(2943) SE FOURTEENTH & BROADWAY, Oakland. Alterations.
Owner.....Wm. G. Henshaw, Union Savings Bank, Oakland.
Architect...Walter J. Mathews, 927 Broadway, Oakland.
Day's work. COST, \$2500

(2944) E 105TH AVE 200 S Knight, Oakland. One-story 6-room dwlg.
Owner.....H. Sturckman, 492 10th Av Oakland.
Architect...None.
Contractor...E. D. Sandulid, 1846 38th Ave., Oakland.
COST, \$1500

(2945) W CLAREMONT 100 S 65th, Oakland. Two-story 6-room dwlg.
Owner.....Mary Kroeger, 60th near Clarendon, Oakland.

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Architect...Al. Mazurette, Oakland.
Contractor...Hewitt & Davenport, Commercial Bldg., Oakland.
COST, \$2000

(2947) NE TWENTY-FOURTH AND Grove, Oakland. Two-story brick factory building.

Owner.....Mrs. Hattie Leinhardt, 1309 Broadway, Oakland.

Architect...None.

Contractor...Oliver Duval & Son, 1st National Bank Bldg., Okd.
COST, \$26,576

(2949) -- THIRTY-NINTH AVE 430 NE Hopkins 50x208; Nos. 3735-37 39th Ave., Oakland. All work for one-story four-room dwelling.

Owner.....Anna M. and Joseph Cottrell, 1122 Ellis, San Francisco.

Architect...W. H. Judson, Albany Bk Oakland.

Contractor...Home Buyers Syndicate, Al any Bk., Oakland.

Filed Oct. 1, '13. Dated Sept. 25, '13.

2nd mortgage deed of trust on signing contract.....\$200
Rough frame completed.....100
Plumbing and electric wiring installed.....300
Accepted.....300
Usual 35 days.....300
TOTAL COST, \$1200

Bond, \$600. Surety, Chicago Bonding & Surety Co. Limit 75 days. Forfeit, \$5. Plans and specifications filed.

(2950) LOT 2 BLK "A" Map Sullivan Addition to Niles. All work for one-story dwelling.

Owner.....Ralph Richmond, Hayward.
Architect...None.

Contractor...C. E. Fournier, Niles.
Filed Oct. 2, '13. Dated Sept. 27, '13.

Frame up.....1/4
1st coat plaster on.....1/4
Completed and accepted.....1/4
Usual 35 days.....1/4
TOTAL COST, \$1655

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(2953) E ALMA AVE 220 N Mera, Oakland. One-story 5-room dwelling.
Owner.....Mrs. K. Ventre, 3912 San Juan, Oakland.

Architect...None.

Contractor...J. Ventre, 1226 81st Ave., Oakland.

COST, \$2000

(2954) NO. 547 CHETWOOD, Oakland.

Addition.

Owner.....H. L. Hinman.

Architect...None.

Contractor...R. A. McWilliams.

COST, \$1500

(2955) E LAKE SHORE 150 N Kenmore, Oakland. Two-story 9-room dwelling.

Owner.....F. C. H. Robins, 1805 8th Ave., Oakland.

Architect...None.

Contractor...Alfred Peterson, 1201 19th, Oakland.

COST, \$5000

(2956) E FORTY-FIRST AVE 37 1/2 N E-15th, Oakland. One-story 5-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.

Day's work, COST, \$1500

(2957) W FORTY-FIRST AVE 105 N E-15th, Oakland. One-story 5-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland

Architect...None.

Day's work, COST, \$1500

(2958) S HOPKINS 500 E Maple, Oakland. One and one-half-story five-room dwelling.

Owner.....Mr. and Mrs. H. Ziegler, 662 25th, Oakland.

Architect...None.

Contractor...Thompson & Drennan, 3358 Laurel Ave., Oakland.

COST, \$2000

(2959) N E-FOURTEENTH 60 W Second Ave., Oakland. Two-story 12-room dwelling.

Owner.....Flora Larsen, 160 E-14th, Oakland.

Architect...None.

Contractor...J. A. Larsen.

COST, \$1000

(2960) W GRAND AVE 125 N Elwood, Oakland. Two-story 6-room dwlg.

Owner.....C. J. Pfang, 126 Claremont Ave., Oakland.

Architect...None.

Day's work, COST, \$3500

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
2880	Marshall	.....Diggs	2500
2881	Marshall	.....Diggs	2500
2896	Kemp	.....Kemp	1400
2897	Takahashi	.....Hunda	1500
2900	Stevens	.....Stevens	3000
2901	Huxley	.....Koski	7250
2908	Berkeley	.....Martin	675
2909	Pfaff	.....Pfaff	5
2916	Thomas	.....Johanson	2610
2917	Benter	.....Morris	1240
2925	Sargent	.....Jewett	400
2945	Thornagle	.....Tayton	1500

(2880) S RUSSELL 202 W Claremont, Berkeley. Two-story 7-room dwlg.

Owner.....Marshall-Diggs, Berkeley.

Architect...M. Diggs.

Day's work, COST, \$3500

(2881) N ASHBY 142 W Claremont Ave., Berkeley. Two-story 7-room dwelling.

Owner.....Marshall-Diggs, Berkeley.

Architect...M. Diggs.

Day's work, COST, \$3500

(2896) N ASHBY 240 E San Pablo Ave., Berkeley. One-story 5-room dwlg.

Owner.....H. A. Kemp, 647 56th, Okd.

Architect...None.

Day's work, COST, \$1400

(2897) N HASTE 180.07 E Shattuck Ave., Berkeley. Two-story 12-room rooming house

Owner.....C. Takahashi, 2117 Haste, Berkeley.

Architect...None.

Contractor...S. Handa, P. O. Box 722, Mill Valley.

COST, \$1300

(2900) NE MARIN AND FRESNO, Berkeley. One-story 5-room dwelling

Owner.....Mary J. Stevens, 825 56th, Okd.

Architect...None.

Contractor...Z. M. Stevens, 825 56th, Okd.

COST, \$3000

(2901) E PIEDMONT AVE 150 N Webster, Berkeley. All work for two-

story and basement dwelling.
Owner.....Grace Mc. C. Huxley, Ekl.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Koski Bros., Oakland.
Filed Sept. 30, '13. Dated Sept. 29, '13
Frame up 1/4
1st coat interior and exterior plaster on 1/4
Completed and accepted 1/4
Usual 35 days..... 1/4
TOTAL COST, \$7350
Bond, \$3675. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2908) CODORNICES PARK, Berkeley
One-story 1-room park house.
Owner.....City of Berkeley.
Architect...None.
Contractor...C. A. Martin, 1050 Keith Ave., Berkeley.
COST, \$675

(2909) S UNIVERSITY 90 E Grove, Berkeley. Alterations.
Owner.....Fred E. Pfaff, 1625 Grant, Berkeley.
Architect...None.
Day's work. COST, \$500

(2916) LOT 13 BLK 3 Map Arlington Heights, Berkeley. All work for one-story and attic dwelling.
Owner.....Frederick F. Thomas, 2719 Dwight Way, Berkeley
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...Gustaf Johanson, 1811 Rose, Berkeley.
Filed Oct. 1, '13. Dated Sept. 29, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days..... 1/4
TOTAL COST, \$21025
Bond, \$1305. Surety, Southwestern Surety Ins. Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2917) LOT 5 BLK 8 Map Shaw Tract, Blocks 4, 5, 6, 7, 8 and 9, Berkeley. All work for one-story dwelling.
Owner.....W. C. Benter, 1737 Telegraph Ave., Oakland.
Architect...None.
Contractor...Roscoe Morris, Oakland.
Filed Oct. 1, '13. Dated Sept. 24, '13.
Frame up and roof on 1/4
Carpenter work completed..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1240
Bond, \$620. Surety, Chicago Bonding & Surety Co. Limit, 35 days. Forfeit, none. Plans and specifications filed

(2935) W WALNUT 200 N Cedar, Berkeley. Addition.
Owner.....B. F. Sargent, 1522 Walnut, Berkeley.
Architect...None.
Contractor...Harvey R. Jewett.
COST, \$100

(2915) S RUSSELL 65 W Harper, Berkeley. One-story 4-room dwlg.
Owner.....Mrs. Alice Thornagie, 2900 Harper, Berkeley.
Architect...None.
Contractor...F. Tayton, 5237 Miles Ave., Oakland.
COST, \$1500

(2951) S PARKER 102.48 ft E in Hill-gass Ave S 80X E 56, Berkeley. All work for two-story flat building (2 flats and tank house and garage)

Owner.....Mrs. M. A. and Miss B. Lindblom, 2618 Parker, Berkeley.
Architect...Sidney B. Newsum, Nevada Bank Bldg., S. F.
Contractor...Anthony & Heyer.
Filed Oct. 4, '13. Dated Sept. 15, '13.
Frame up \$1150
Brown coated 1150
Completed and accepted..... 1150
Usual 35 days..... 1304
TOTAL COST, \$1754
Bond \$2350. Sureties, N. C. Anthony and C. W. Heyer. Limit, 90 days from date recorded. Forfeit, \$5. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Am't.
2892	Hillen	Hillen	3500
2894	Hillen	Hillen	3000
2895	Kochendorfer	Owner	500
2902	Schafer	Home Buyers	1550
2906	Cole	Cole	1750
2932	Anderson	Sorensen	2750
2948	Schaefer	Home Buyers	1550
2951	Lindblom	Anthony	4754

(2893) NO. 1329 CAROLINE, Alameda. One-story 7-room dwelling.
Owner.....R. C. Hillen, Liberty and Fernside Blvd., Alameda.
Architect...None.
Day's work. COST, \$3500

(2894) NO. 1504 FERNSIDE BOULE-vard, Alameda. One-story dwelling.
Owner.....R. C. Hillen, Liberty and Fernside Blvd., Alameda.
Architect...None.
Day's work. COST, \$3000

(2895) NO. 2208 LINCOLN AVE., Alameda. Alter dwelling.
Owner.....W. C. Kochendorfer, Prem.
Architect...None.
Day's work. COST, \$500

(2905) NO. 439 LINCOLN AVE., Alameda. One-story dwelling.
Owner.....M. Schaefer, Premises.
Architect...Wm. Judson, 337 Albany Bldg., Oakland.
Contractor...Home Buyers Syndicate, 336 Albany Bk., Oakland.
COST, \$1550

(2906) NO. 1848 EIGHTH, Alameda. One-story dwelling.
Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.
Architect...L. H. Ford, Berkeley.
Day's work. COST, \$1750

(2932) LOT 32 BLK "A" Map Bay Park Tract, Alameda. All work for one-story dwelling.
Owner.....Mathilda Anderson, Ala.
Architect...None.
Contractor...Sorensen Eros., Hayward.
Filed Oct. 2, '13. Dated Sept. 29, '13.
Frame up and roof sheathed.....\$717
1st coat plaster on interior and exterior, interior mill work in place, rough plumbing and electric work in place..... 700
Completed and accepted..... 650
Usual 35 days..... 689
TOTAL COST, \$2756
Bond, \$1378. Sureties, M. H. Mosegard and H. H. Sorensen. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(2948) N LINCOLN AVE 100 W Fifth 49x170, Alameda. All work for one-story five-room dwelling.

Owner.....Mathias & Marie Schaefer, 439 Lincoln Ave., Alameda.
Architect...W. H. Judson, Albany Bk., Oakland.
Contractor...Home Buyers Syndicate, Albany Bk., Oakland.
Filed Oct. 1, '13. Dated Sept. 24, '13.
2nd mortgage deed of trust on signing contract \$150.00
Rough frame completed..... 237.50
Brown coated 387.50
Accepted 387.50
Usual 35 days..... 387.50
TOTAL COST, \$1550.00
Bond, \$775. Surety, Chicago Bonding & Surety Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(2952) NO. 748 SANTA CLARA AVE., Alameda. One-story dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

CONTRACTOR'S BOND.

Sept. 29, 1913—W FORTY-THIRD, bet West and Market, Okd. Alterations. Cost, \$912. Owner, Chas A Huckman with C F Lodge, contractor. Surety, Fidelity & Deposit Co. of Maryland. Bond, \$471.

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Sept. 17, 1913—LOT 18 BLK "G" Claremont Court, Bkly. Harriet S Sanderson to Sullivan Bros.....
.....Sept. 13, 1913
Sept. 17, 1913—NW BROADWAY & 38th N 44 W 142.21 SW 91.71 E 150, Okd. Joseph Koenig to E A JanssenSept. 13, 1913
Sept. 20, 1913—LOT 17 BLK 9 Map Thoun and Oaks, Bkly. George Friend to whom it may concern.....
.....Sept. 20, 1913
Sept. 20, 1913—NW BROADWAY & N 26th W 153.63 W 233.20 W 199.94 S 52.13 W 187. First Presbyterian Church of Oakland to Peter N Schmidt.....Sept. 3, 1913
Sept. 20, 1913—LOT 17 BLK "D" Map George W Austin's Subvn Bk "D" Vernon Park, Okd. A Nelson to whom it may concern.....Sept. 19, 1913
Sept. 20, 1913—PTX LOT 1 BLK "C" Map Peralta Heights, Okd. Louis L Byrne & Rose C Byrne to whom it may concern.....Sept. 19, 1913
Sept. 20, 1913—NE BROADWAY & 40th N 50X E 90, Okd. Mantua E Streiff to Leo L Nichols.....Sept. 20, '13
Sept. 22, 1913—W TELEGRAPH AVE 100 S 16th S 130 NW 103.95 SW 102.41 N 130 NE 90 NW 5.72 NE 112.89 SE 74 SW 100 SE 100, Okd. Kahn Realty Co to Sherman Kimball & Co.....Sept. 22, 1913
Sept. 22, 1913—W CASTRO 55 N 14th W 80X N 55, Okd. Enid A Hall to August Peterson.....Sept. 22, 1913
Sept. 23, 1913—W HURLAN 391-9 N Peralta N 25; Lot 8 Bk 802 Map No. 2 Watts Tract, Okd. Henry Graly by F L de Fuitas to A HooverSept. 16, 1913
Sept. 23, 1913—S FORTY-FIRST 300 E Telegraph Ave, Okd. B P and Alice M Reynon to N Z Roem & SonsAug. 29, 1913
Sept. 23, 1913—W SHAPIER AVE 216 S 38th S 24XW 125, Okd. Martha E Brown to whom it may concern

Sept. 22, 1913—LOT 16 BLK "B" Claremont Court, Bkly. Mrs Edith Guden to F E Allen. Sept. 15, 1913
Sept. 23, 1913—LOT 1 BLK 18 Map Northbrae, Bkly. Cecil W Boden to whom it may concern. Sept. 22, '13
Sept. 23, 1913—LOT 22 BLK "E" Map Kenwood Park, Okd. Irma Brown to Jesse Wilton Jones. July 6, 1913
Sept. 23, 1913—LOTS 13, 14 AND 15, Central Piedmont Extension Tract, Piedmont. Dr Robert Dunn to C M MacGregor. Sept. 22, 1913
Sept. 25, 1913—E-TENTH, bet Allison Way and Addison, next 2121 10th, Bkly. M G Fox for California Cider Co to A C C Krueger. Sept. 25, 1913
Sept. 25, 1913—N FIFTIETH 108 E Shafter Ave E 34xN 90, Okd. Chas MacArthur to whom it may concern. Sept. 25, 1913
Sept. 29, 1913—LOT 1 and W 10 ft. Lot 2 Blk 119 Map Aliston Tct, Bkly. Samuel Hllich to John Laamenen. Sept. 26, 1913
Sept. 26, 1913—N CENTRAL AVE 100 E Oak E 50xN 217-8, Ala. Alameda Moose Hall Ass'n to whom it may concern. Sept. 25, 1913
Sept. 29, 1913—W EIGHTH 120 N James N 50xW 105.5, Bkly. J A Steedman to D W Ross. Sept. 27, 1913
Sept. 29, 1913—PTN LOT 10 Map Thomas Bridge Tct, Okd. Howard Smith to L'ton & Nielsen. Sept. 27, 1913
Oct. 1, 1913—N SUNNYSIDE AVE 35.62 E Oakland Ave E 32 N 74.73 NW 32 SE 73.36, Okd. Western Union Home Bldrs, Inc to W B Roberts. Sept. 25, 1913
Oct. 1, 1913—E SUNNYSIDE AVE Ptn Lots 21 and 22 Map Amended Map Fairview Tct, Okd. Western Union Home Bldrs, Inc to W B Roberts. Sept. 25, 1913
Oct. 2, 1913—E 10 FEET LOT 8 BLK "F" Santa Fe Tract No. 2. W E Holcomb to A Van Horn. Sept. 29, 1913
Oct. 2, 1913—E 15 FEET LOT 58 and W 20 feet Lot 59 Map Lawton Ave Tract, Okd. H Goranson to whom it may concern. Oct. 2, 1913
Oct. 2, 1913—LOT 24 and W 3 feet Lot 23 and E 22 feet Lot 25 Blk 95, Kellersberger Map of Okd. Martial Davoust to Oliver Legault. Sept. 23, 1913
Oct. 3, 1913—LOT 15 BLK "G" Map Fourth Ave Park; N Clark Ave 266.81 W Everett 40x114, Oakland. Blanche M Adams to whom it may concern. Sept. 23, 1913
Oct. 3, 1913—PTN LOT CONVEYED by John G Bray and W A Bray to Jos B Crockett by deed dated Aug. 13, 1866, recorded in Liber 5 Page 458, except lies in E-11th, Okd. Little Sisters of the Poor of Oakland to F P Walsh. Sept. 29, 1913
Oct. 3, 1913—LOT 23 BLK 15 Map No. 1, Regents Park, Albany. Carl Erickson to whom it may concern. Oct. 3, 1913
Oct. 3, 1913—LOT 20 Map Lake Shore Park Heights, Okd. A Band Mattie V Stephens to Phil Sheridan. Oct. 2, 1913
Oct. 3, 1913—NW THIRTY-EIGHTH and Broadway N 44 W 142.21 SW 91.71 E 150, Okd. Edward A Janssen to whom it may concern. Oct. 3, 1913
Oct. 3, 1913—W JACKSON 56 N 8th N 50xW 100, Okd. Eleanor M Dalton to whom it may concern.

Oct. 3, 1913—S EIGHTH 100 E Webster E 25xS 100, Okd. James Kenney to Henry McCloy Jr. Oct. 2, 1913
Oct. 3, 1913—LOT 23 BLK 5 Berkeley Square, Bkly. F R Peake Co to whom it may concern. Sept. 30, 1913
Oct. 3, 1913—E EVERETT 110 S Eagle Ave; No. 1722 Everett, Ala. George Nissen to Geo S Benham. Sept. 1, 1913

LIENS FILED.

ALAMEDA COUNTY.

Sept. 19, 1913—LOT 31 BLK 16 Map Havenscourt, Okd. Maxwell Hardware Co vs J V Matteson, Berdette Matteson and Piedmont Heights Bldg Co. Sept. 19, 1913—LOT 142 Oak Grove Tract, Okd. Wm T Lingard vs Edith M Owen and Henry Ahnfeld. Sept. 20, 1913—NW SIXTEENTH & Jefferson W 150 N 85 E 50 N 15 E 100 S to pt beg, Okd. J C McLeod, vs Woodmen of the World Bldg Association. Sept. 20, 1913—SW NINETEENTH & Cypress S 104-3 W 136 N 52-4 1/2 E 13-3 N 52-4 1/2 E 122-4, Okd. Maxwell Hardware Co vs H S White and Columbia Laundry Co. Sept. 20, 1913—SW NINETEENTH & Cypress S 104-3 W 136 N 52-4 1/2 E 13-3 N 52-4 1/2 E 122-4, Okd. Conrad Ellec Co vs H S and Lena White and Columbia Laundry Co. Sept. 19, 1913—W HARLAN 391-9 N Peralta N 25; Lot 8 Blk 802 Map No. 2, Watt's Tract, Okd. A Hoover vs (Correction in location)
Sept. 23, 1913—SW NINETEENTH & Cypress W 122-9 S 52-4 1/2 W 13-3 S 52-4 1/2 E 136 N 104-9, Okd. Hogan Lumber Co vs H S White Machinery Co, Columbia Laundry Co and H S and Lena White. Sept. 23, 1913—SW NINETEENTH & Cypress S 104-3 W 136 N 52-4 1/2 E 13-3 N 52-4 1/2 E 122-4, Okd. Hogan Lumber Co vs H S White Machinery Co, Columbia Laundry Co and H S and Lena White. Sept. 23, 1913—N SAN JOSE AVE 200 W Walnut W 50xN 150, Ala. Geo P Maddock vs Thomas G Morris. Sept. 24, 1913—N SAN JOSE AVE 200 W Walnut W 50xN 150, Ala. Geo Pierson vs Thomas G Morris. Sept. 25, 1913—LOT 34 BLK 16 Map Havenscourt, Okd. Hogan Lumber Co vs C Barkoff. Sept. 25, 1913—LOT 33 BLK 16 Map Havenscourt, Okd. Hogan Lumber Co vs C Barkoff. Sept. 26, 1913—LOT 11 BLK 9, Berkeley Heights Tct, Bkly. Alfred C Lee vs S D Beasley. Sept. 26, 1913—LOT 16 BLK "A" Map Central Piedmont Tct, Piedmont. Bruce Lumber & Mill Co, \$670.86; W P Fuller & Co, \$291.70; Pierce Hardware Co, \$123.80 vs J T Bennett and W H Creighton. Sept. 27, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40xS 123, Okd. M Bertolino vs J C and Laura Peterson. Sept. 29, 1913—LOT 1 and W 10 ft. Lot 2 Blk 119 Map Tract "B" of Berkeley L T I Ass'n, Bkly. Contractors' & Builders' Supply Co vs

Samuel Hllich and J Laamenen. \$214.27
Sept. 29, 1913—LOT 1 BLK 18 Map Northbrae, Bkly. Contractors' & Builders' Supply Co vs C W Boden and H H Gastman. \$385.78
Sept. 29, 1913—LOT 27 BLK 6 Map Fourth Avenue Heights, Okd. Wm E Bradley vs William Slattery, John Doe, James Gallagher and John Motts. Sept. 30, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40 S 123, Okd. G H Newman vs J C and Laura Peterson and B B Wickersham. Oct. 1, 1913—LOT 27 BLK 6, 4th Ave Heights, Okd. Hogan Lumber Co vs Gallagher & Motts and Wm P and his wife Nellie J Slattery. Oct. 1, 1913—LOT 16 BLK "A" Map Central Piedmont Tract, Okd. T D Sexton vs J F Bennett and W H Creighton. Oct. 1, 1913—NE E-TWENTIETH 165 NW 17th Ave running along NE ln E-20th 35 NE 140, Okd. Hogan Lumber Co vs J Loughery and Samuel Blumer. Oct. 2, 1913—LOT 27 BLK 6 Fourth Ave Heights, Oakland. Ernest L Thompson vs William Slattery and James Gallagher.

SAN JOSE AND THE SANTA CLARA VALLEY.

Building Contracts.

SANTA CLARA COUNTY.

(Correction)

LOT 10 BLK 67 REEDS ADD'N. San Jose. All work for two-story frame building.

Owner.....P. Pebelner, San Jose.
Architect.....L. T. Lenzen, San Jose.
Contractor.....T. J. Scherbeck, San Jose
Filed Sept. 17, '13. Dated Sept. 16, '13.
Frame up\$1350.00
All plaster on1350.00
When completed1350.00
Usual 35 days.....1350.50
TOTAL COST, \$5407.50

Bond, \$2704. Sureties, E. W. and O. E. Schmal. Limit, 100 days. Forfeit, none. Plans and specifications filed.
NOTE:—In our issue of Sept. 27th the contractor and owner were transposed.

NO. 86 S-SECOND, San Jose. Remodel second story.

Owner.....Wilson Hanem & Marten, Premises.
Architect.....C. S. McKenzie, S. J. Bant Bldg., San Jose.
Contractor.....J. C. Thorp, Porter Bldg., San Jose.
COST, \$3200

E SIXTH, 2nd Lot N of Virginia, San Jose. Five-room bungalow.
Owner.....Mrs. E. Mayle, Premises.
Designer.....Chas. Koller.
Contractor.....Charles Koller, S. F.
COST, \$1900

NO. 439 N-FOURTEENTH, San Jose. Five-room cottage.
Owner.....O. M. Wells, Premises.
Architect.....None
Dry's work. COST, \$1600

NO. 426 ROYAL AVE., San Jose. Repairs.
Owner.....P. Carlucci, Premises
Architect.....None
Day's work. COST, \$400

NO. 645 N-ELEVENTH, San Jose. Three room frame house.
Owner.....Thomas Allo, Premises.
Architect...None.
Day's work. COST, \$400

NO. 647 N-ELEVENTH, San Jose. Four room cottage.
Owner.....Nick Gulio, Premises.
Architect...None.
Day's work. COST, \$800

NO. 662 N-SEVENTEENTH, San Jose. Five-room cottage.
Owner.....F. Passafunno, Premises.
Architect...None.
Contractor...V. Maggio, 386 N-5th St., San Jose.
COST, \$1950

Building Contracts.

SAN MATEO COUNTY.

SE BAYSWATER AND HIGHLAND Aves, Burlingame. All work for 6-room and bath bungalow.
Owner.....J. R. Catherwood.
Architect...Henry L. Wilson.
Contractor...Herbert Dunsher.
Filed Sept. 30, '13. Dated Sept. 27, '13.
Frame up, roof boarded and chimney built\$574.25
Enclosed and 1st coat plastering on 574.25
Completed and accepted..... 574.25
Usual 35 days..... 574.25
TOTAL COST, \$2297.00
Bond, \$1148.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days from date. Forfeit, \$1 per day. Plans and specifications filed.

LOT 26 BLK 8, Burlingame Grove Tct., Burlingame. All work for one-story frame dwelling.
Owner.....Margaret C. and J. W. Bevis.
Architect...None.
Contractor...The W. C. Barrick Bldg. Company.
Filed Oct. 1, '13. Dated Sept. 22, '13.
When two dormers are finished and dwelling ready for plastering\$250
Plastering, pergolas and balcony finished 250
Completed and accepted..... 100
Usual 35 days..... 530
TOTAL COST, \$1130
Bond, none. Limit, 75 days after signing. Forfeit, none. Plans and specifications filed.

LOT 3 BLK 25, Lyon & Hoag St's to the Town of Burlingame. All work for five-room and bath bungalow.
Owner.....Rose M. Wissing.
Architect...None.
Contractor...J. Mowat.
Filed Oct. 1, '13. Dated Sept. 24, '13.
Frame up, 25%.....\$500
1st coat plaster on, 25%..... 500
Completed and acceptd, 25%..... 500
Usual 35 days, 25%..... 500
TOTAL COST, \$2000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOT "O" BLK 2, Burlingame Terrace, Burlingame. All work except wiring for five-room bungalow.
Owner.....Lyster G. Reighley.
Architect...None.
Contractor...Willis L. Gott, 229 11th Ave., San Francisco.
Filed Sept. 27, '13. Dated Sept. 26, '13.

Frame erected\$525
Plastering completed 525
Completed and accepted..... 525
Usual 35 days..... 525
TOTAL COST, \$2100
Bond, none. Limit, 60 days. Forfeit, \$5 per day. Plans and specifications filed.

SCHOOL HOUSE ROAD, County Road, between Oak Grove and Glenwood Aves., Menlo Park. All work for school building.
Owner.....Board of Trustees of Menlo Park School District.
Architect...J. W. Dolliver, Royal Ins. Bldg., San Francisco.
Contractor...W. H. C. M. and J. E. Weeden
Filed Sept. 27, '13. Dated Sept. 22, '13.
Roof rafters on\$124 75
Rough plastering done, inside and out 424 75
Completed and accepted.... 424 75
Usual 35 days..... 424 75
TOTAL COST, \$16,979 00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Sept. 25, 1913—LOT 42 BLK 7, Crocker Estate Tract. Arthur G Duncan to L L Allen.....Sept. 24, 1913
Sept. 25, 1913—LOT 2 BLK 102 South San Francisco. A F Plymire to A B Cavanaugh.....Sept. 19, 1913
Sept. 29, 1913—PTN LOT 10 BLK 9 Map No. 2 Burlingame Land Co., Burlingame. Annie Atkins to H H Zwirk.....Sept. 26, 1913
Sept. 30, 1913—LOT 3 BLK "C" Mission Street Tract. B and Amelia Rosenberg(wf) to J J Maloney and A B Cavanaugh.....Sept. 27, 1913

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Sept. 24, 1913—LOT 17 BLK 8, Map of Mission Street Tract. Hugh H Smith vs Stephen Sponder....\$675.04

Release of Liens.

SAN MATEO COUNTY.

RECORDED AMOUNT
Sept. 29, 1913—73.36 ACRES, being ptn of Buri Buri or Sanchez Rancho Lands in names of George H Buck and John Dielman. San Bruno Lumber & Supply Co to A Entaschi and R Castagnola.....\$570.75

FRESNO. MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

Contracts Awarded.

RESIDENCE — 2 story and base, frame, \$12,000. Bakersfield, Kern Co., Cal. Architect's name not given. Owner, F. B. Biesman. Contractor, Frank Adams, Bakersfield. Contract price not stated.
SCHOOL—1 story, frame, \$3,000. Carruthers, Fresno Co., Cal. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Blakemore School District.

Contractor, F. M. Cartwright, Fresno. Contract price, \$2,450.
SCHOOL HEATING SYSTEM—\$3,986. Bakersfield, Kern Co., Cal. Architect, Orville Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, American Heating and Contracting Co., Bakersfield. Contract price, \$5,986.
SCHOOL—2 story and base, brick and steel, \$38,000. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Trewhitt & Shields, Hanford, general construction only. Contract price, \$38,000.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Oct. 2, 1913—LOT 4 BLK 16, City of Richmond. C Mau to L F Sanden...
Sept. 10, 1913—BUILDINGS AT AVON Associated Oil Co to H F Smith.....
.....Sept. 1, 1913
Sept. 13, 1913—W LINE OF THIRD Street Lot 45 Blk 2, Richmond Villa Tract. John Turner to John Turner.....Sept. 12, 1913
Sept. 15, 1913—LOT 3 BLK "T" East Richmond Tract. Edward and Mary McDuff to J O Barker.....
.....Sept. 6, 1913
Sept. 20, 1913—LOTS 4 AND 6 BLK 56, City of Richmond. F H and Ella A Darby to Ernest Smith and Harley Dever.....Sept. 13, 1913
Sept. 22, 1913—LOT 14 BLK "P" Pt Richmond No. 3. Hoyt & Greene, Inc to C D Knolly.....Sept. 20, 1913
Sept. 22, 1913—FRAC'L SW 1/4 OF Sec 17 T 2 N R 2 E. Great Western Power Co to Reardon Crist Constr Co.....Sept. 18, 1913
Sept. 23, 1913—LOTS 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 Blk 3, City of Richmond. Pacific Gas & Elec Co to State Constr Co.....Sept. 16, 1913
Sept. 23, 1913—DESCRIBED TRACT in Richmond Annex Lots 31 and 32 Blk 26. Theo Madison to Peterson & Peterson.....Sept. 13, 1913
Sept. 24, 1913—LOTS 16 AND 17 BLK 11 Nichol-MacDonald Ave Civic Center. W E Cunningham to A M Etherton & Son.....Sept. 22, 1913
Sept. 29, 1913—NEAR AVON. Associated Oil Co to D H MacQuiddy.....
.....Sept. 20, 1913
Sept. 30, 1913—LOTS 23 AND 24 Brown Andrade Tract. Dr Roy Moore to Paul Glaser.....Sept. 8, 1913

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Sept. 29, 1913—LOTS 36 AND 37 BLK 58 Amended Map, City of Richmond. E A Marshall to I M Perrin, Julia Perrin and Mrs. J L Bedwell.....\$44.45
Sept. 29, 1913—LOTS 36 AND 37 BLK 58, City of Richmond. R I Gruenhagen to Mary S Bedwell, I M Perrin and Alberta Perrin.....\$108.05
Sept. 20, 1913—LOT 19 BLK 6, Bay Shore Tract. Richmond Lumber

Co., \$310.62; C H Brown, \$91.15 to W B White, C L McCracken and K L McCracken.....
 Sept. 19, 1913—W 70 FEET LOTS 9 and 10, all Lots 11 and 12 and Pin Lot 13 Blk "C," Concord. Taylor & Co., \$961.40; C A Smith Lumber Co., \$132.77; Brittain & Co., \$500; Thos F Kigney, \$161.92; Schwarz & Gottlieb, Inc and Geo G MacKinnon, \$559 to Concord Inn Co, Geo W Boxton and Geo G McKinnon.....
 Sept. 12, 1913—S ½ OF SE ¼ OF SE ¼ OF Sec 13 T 1 N R 2 E M D & M Edward Leech to Balfour Guthrie Invest Co\$10

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED AMOUNT
 Sept. 17, 1913—LOT 13 BLK 2 Nicholl Macdonald Ave Civic Center. C E Surles vs Dr W D Clark.....\$1038.12
 Sept. 19, 1913—LOTS "A" AND "D" River's Andrade Tract. C S Renwick and Pioneer Elec Co vs Sterling Fixture Co.....\$583.19
 Sept. 22, 1913—LOTS "A" AND "D" Rivers Andrade Tract. Rees Blow Pipe Mfg Co vs Sterling Foster Co and Herbert F Brown, Inc.....\$1486

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story, frame. Cost not stated Sacramento, Cal. Architect, none. The following Day Labor Jobs are reported as about to be started in Sacramento: George Weissman and Ancil Hoffman, 708 K street, three 1 story frame, \$1,500 each; J. A. Schumate, 2982 Manzanita avenue, 1 story frame, \$1,900; P. E. Reed, 2613 28th street, alteration to frame, \$1,000, and Charles J. Schmid, 2914 26th street, 1 story frame, \$1,000.

BRIDGE—Reinforced concrete, \$20,000. Marysville. Yuba Co., Cal. Engineer, City Engineer, Marysville. Owners, City of Marysville. The following bids were received by the City Council of Marysville for the construction of the reinforced concrete bridge over the Feather River at Marysville: Ross Construction Co., Sacramento, original plans, \$32,760; revised plans, \$31,780; \$10,780. Geo. W. Martin & Son, Sacramento, original plans, \$29,590. Portland Concrete Pile Co., San Francisco, original plans, \$28,310. Gorrell Bros., San Francisco, original plans, \$26,500. W. W. Concannon Co., San Francisco, original plans, \$25,950; own design, \$23,960. All bids have been taken under advisement until the next session of the City Council.

LODGE HALL—4 story and base, brick and steel. Cost not stated. Sacramento, Cal. Architect, Washington J. Miller, 45 Kearny St., S. F. Owners, Native Sons of the Golden West. The building will be erected on one of the downtown business streets and will have a considerable frontage. The entire building will be devoted to the order. There will be a large lodge room, banquet hall, reception rooms, ladies' and gentlemen's parlors, smoking room and billiard hall. Interior finish will be of pine and hardwoods. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND OFFICES—20 story and base. Class A construction, \$1,200,000. Sacramento, Cal. Architect, Clarence C. Cuffs, Sacramento. Owners, Western Securities Co. Announcement has been made to the effect that Sacramento is to have a 20-story skyscraper, which will be erected on J street between 8th and 12th streets, the exact location being withheld for the present. Preliminary studies have been completed and approved, it is stated, and working drawings will be commenced at once. No details of the building have been made public. Further mention will be made of the work as the plans progress.

Contracts Awarded.

GRAIN ELEVATOR — Reinforced concrete. Cost not stated. Sacramento. Architect, P. J. Herold, Forum Bldg., Sacramento. Owners, Phoenix Milling Co. Contractors, Northern Construction Co., S. F. Contract price not stated.

FARM DORMITORY—2 story and base, frame, \$34,086. Davis, Yolo Co., Cal. Architects, Cunningham & Polite, First National Bank Bldg., S. F. Owners, University of California. Contractor, B. J. Duffy, 3675 17th street, S. F. Contract price, \$34,086. Fourteen sets of figures were received for this work and all are printed under the heading of Sacramento, Stockton and Northern California in this issue.

Bids Are Opened For Big Bridge.

Marysville City Council Receive Bids For Bridge Over Feather River. No Action Taken.

The following bids were received by the City Council of Marysville for the construction of the reinforced concrete bridge over the Feather River at Marysville:

Feather River Bridge.

Ross Constr. Co., Sacramento, original plans, \$32,760; revised, \$31,780; \$19,780. George W. Martin & Son, Sacramento, original plans, \$20,990.

Portland Concrete Pile Co., San Francisco, original plans, \$28,310.

Gorrell Bros., San Francisco, original plans, \$26,500.

W. W. Concannon Co., San Francisco, original plans, \$25,950; revised, \$23,960, own design.

All bids have been taken under advisement until next Mondays session of the City Council.

Contract For Farm Dormitory At Davis.

Regents of U. of C. Award Contract For New Building at University Farm to B. J. Duffy.

Bids were opened by the Regents of the University of California on October 1st for the construction of a two-story Farm Dormitory building, which is to be erected at the University Farm at Davis, Yolo County. The lowest bid was received from B. J. Duffy, 3673 17th street, San Francisco, at \$34,086, and

he has been awarded the contract. The following is a complete list of the figures submitted:

Farm Dormitory.

B. J. Duffy.....	\$34,086
Otto Baumann.....	35,846
Ackerman & Son.....	35,875
Andrew Wilkie Co.....	37,590
Keating & Holt.....	37,750
Murcell & Haley.....	37,792
McLeran & Peterson.....	38,500
Pringle-Dunn Co.....	38,500
Brady & Fisher.....	38,987
G. W. Martin & Son.....	39,450
Campbell & Turner.....	39,480
J. Furlong.....	41,280
R. Glaze.....	41,288
Tieslau Bros.....	42,345

Building Contracts.

SACRAMENTO COUNTY.

E ½ AND W ½ OF LOT 2, T, U, 26TH and 27th Sts., Sacramento. Erect 2 5-room dwellings.
 Owner.....Paul Oakley, 1004 Q St., Sacramento.

Architect...None.
 Contractor...J. Ettel, 1515 23rd St., Sacramento.
 COST, \$2000

LOT 47 Baxler Tract, Sacramento. Erect dwelling.
 Owner.....S. Jingo, 301 M St., Sacramento.
 Architect...None.
 Contractor...E. E. Sydenstricker, 2318 F St., Sacramento.
 COST, \$2460

E ½ LOT 2, O, P, 13TH AND 14TH STS., Sacramento. Erect residence.
 Owner.....Ella J. Jurgens, 1515 12th St., Sacramento.
 Architect...None.
 Contractor...A. Hollenbeck, 1622 I St., Sacramento.
 COST, \$5200

S ½ OF N ½ LOT 4, W, X, 27TH AND 28th Sts., Sacramento. Erect dwlg.
 Owner.....Harry Blamey, 917 L St., Sacramento.
 Architect...None.
 Contractor...Chatterton Bros., 2111 28th St., Sacramento.
 COST, \$2800

LOCATION NOT GIVEN. Decorative work on Theatre Diepenbrock.
 Owner.....M. N. Diepenbrock, 2315 M St., Sacramento.
 Architect...None.
 Contractor...Keeble-Holland Co., Stockton Ave near Palmetto, Sacramento.
 Filed Sept. 26, '13. Dated Sept. 12, '13.
 COST, \$1641.75

E ½ LOT 2, O, P, 13TH AND 14TH STS., Sacramento. Two-story frame bldg.
 Owner.....Gondla D., Dora C., and Ella J. Jurgens, 1515 30th St., Sacramento.

Architect...None.
 Contractor...Arthur Hollenbeck, 1622 I St., Sacramento.
 Filed Sept. 26, '13. Dated Sept. 23, '13.
 COST, \$5200

LOTS 7 AND 8 ALLEN & LEITCH TCT. Sacramento. Erect three dwellings.
 Owner.....Geo. Weissman and Ancil Hoffman, 708 K St., Sacramento.
 Architect...None.

Day's work. COST, \$1500

LOT 1919, ELMHURST. Dwelling.
Owner.....J. A. Schumate, 2982 Manzanita Ave., Sacramento.
Architect...None.
Day's work. COST, \$1900

LOT 50 URBAN COURT. Alter dwlg.
Owner.....P. F. Reed, 2613 28th St., Sacramento.
Architect...None.
Day's work. COST, \$1000

S ½ BLK "B." "C." 11TH AND 12TH Sts., Sacramento. Reinforced grain elevator.
Owner.....Phoenix Milling Co., 13th and J Sts., Sacramento.
Architect...None.
Contractor...Northern Constr. Co., Mills Bldg., San Francisco.
Filed Sept. 30, '13. Dated Sept. 29, '13.
TOTAL COST, \$16,750

NO. 724 K ST., Sacramento. Alter interior of store.
Owner.....McDowell & Harding, 724 K St., Sacramento.
Architect...None.
Day's work. COST, \$1200

LOT 1113 ELMHURST, Sacramento. Erect dwelling.
Owner.....G. W. Cahalan, 1412 10th St., Sacramento.
Architect...None.
Contractor...E. E. Sydenstrucker, 2313 I St., Sacramento.
COST, \$2600

CITY OF SACRAMENTO. Install elevators in City Hall.
Ownter.....City of Sacramento.
Architect...None.
Contractor...Van Emon Elev. Co., 46 Natoma, San Francisco.
COST, \$3733

LOTS 3 AND 4, H. I, 9TH AND 10TH Sts., Sacramento. Alter flats.
Owner.....G. C. Youngman, 928 H St., Sacramento.
Architect...None.
Contractor...O. M. Rilborn, 1421 L St., Sacramento.
COST, \$500

LOT 21 BLK 34, Oak Park, Sacramento. Erect flats.
Owner.....Geo. Schelcher, 2430 Q St., Sacramento.
Architect...None.
Contractor...C. J. Guth, 1516 27th St., Sacramento.
COST, \$7000

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Sept. 30, 1913—N ½ LOTS 5 AND 6, H. I, 2nd and 3rd Sts., Sacramento
Oakland, Antioch & Eastern Railway Co. to Guttentien Bros.—Sept. 20, '13
Sept. 26, 1913—CITRUS on r of w of Southern Pacific Railroad Co. bet Sacramento and Folsom on northly ride of Public Highway. Natoma Consolidated of California to Ernest G Johnson.....Sept. 18, 1913

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Martin O'Hara. The building will be erected on Ocean avenue and will have a frontage of 50 feet and a depth of 150 feet. There will be stores on the first floor and about 40 rooms arranged in two and three room suites on the upper floors. Interior finish will be of pine throughout. All suites will have wall beds and private bath rooms. There will be steam heat and a hot water system. Bath rooms will have cement floors and tile wainscoting. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—4 story and base, brick and steel. \$55,000. Los Angeles, Cal. Architect, E. B. Hogan, 1564 West 46th street, L. A. Owner, Ernest C. Hillman. The building will be erected on Ingraham street near Hill, and will cover an area of 54 feet by 120 feet. There will be a total of 56 rooms, which will be arranged in two and three room suites. Plans also provide for amusement rooms, lobby and ball room and billiard hall. Interior finish will be of pine with some elm panels. There will be steam heat, elevator service, hot and cold running water and a vacuum cleaning system. All suites will have connecting baths and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Charles Arisman, 2714 East 4th street, will be in charge.

CHURCH—Class A construction \$200,000 to \$250,000. Los Angeles, Cal. Architects, Imbs & Comes, St. Louis, Mo. Owners, St. Vincent's Roman Catholic Church, Rev. Father Joseph Glass. Father Glass and Mr. Imbs have just returned from a European trip, and working drawings will shortly be started for a handsome new edifice which is to be erected at the corner of West Adams and Figueroa streets. No details of the construction have been determined. Further mention will be made of this work as the plans progress.

CHURCH—1 story, frame. Cost not stated. Los Angeles, Cal. Architect, Harold Cross, Consolidated Realty Bldg., L. A. Owners, Grace Presbyterian Church. A new building covering an area of 54x60 feet will be erected for the Grace Presbyterian Church. Design is in the classic style, exterior being faced with cement plaster. There will be Sunday school rooms besides the main auditorium. Interior finish will be of pine throughout. Some art glass will be used. Plans are complete and the work will be done by Day Labor. H. B. Meninger, 1442 Mt. Pleasant street, will be in charge of the work.

BREWERY ADDITION—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, John R. Kunst, Higgins Bldg., L. A. Owners, Mathie Brewing Co. This work will be done at the company's plant on North Main street. Construction will be of steel and brick. Work includes several large tanks and a 90-foot

water tower. No interior finish will be required. Exterior of the building will be faced with red pressed brick. Plans are now being prepared.

FACTORY—2 story and base, brick. Cost not stated. Torrance, Los Angeles Co., Cal. Architects, J. Maryn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, National Mosaic Tile Co. The building will cover an area of 200x400 feet. Considerable structural steel will be used in the building and roof trusses. There will be metal window sash and frames and a cement and tile floor. Roof will be of tile. Interior of the office portion of the building will be finished in pine. Exterior will be faced with pressed brick. Plans are being prepared.

HOSPITAL—Administration building, 4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. Plans for the administration building, which will cover an area of 141x60 feet have been completed and have received the approval of the Building Committee. Contractors are now figuring the excavating and concrete work. Other parts of the work will be let in segregated contracts. Plans can be secured from the architects.

HOTEL—12 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Lyman Farwell, Story Bldg., L. A. Owners, Ira W. Byrnes and associates. Mr. Byrnes has secured a fifty-year lease of the property at the northwest corner of Franklin and Spring streets, 120x218 feet, from the Phillips Estate. Preliminary plans have been prepared for a modern hotel structure containing 700 guest rooms. The building is to be erected by a syndicate of which F. L. Spaulding, 1460 Dana street, L. A., is a member. Construction will be carried on by Mr. Spaulding.

HOTEL—4 story and base, brick and steel, \$50,000. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Consolidated Realty Co. The building will be erected at the southwest corner of 14th and Hill streets on property having a frontage of 60 feet on one street and 97 feet on the other. There will be three stores on the first floor besides the hotel lobby. Upper floors will be arranged for 50 guest rooms and 18 baths. Interior finish will be of pine and elm. All rooms will have hot and cold running water. There will be steam heat and elevator service. Bath rooms will have cement floors and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—11 story and base. Class A construction, \$100,000. Los Angeles, Cal. Architects, Barnett, Haynes & Barnett, Wright and Callender Bldg., L. A. Owner, Fred Grass, S. F. This building will be erected on Main street, between 8th and 9th streets, covering an area of 36x75 feet. The building will have a complete steel frame and exterior walls of brick, faced with terra cotta. Floors will be of reinforced concrete. First floor will be arranged for the lobby, office, a public dining room and kitchen. Upper floors will contain a total of 150 guest rooms, all of which will have private



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baths. Interior finish will be of pine and hardwoods. Bath rooms will have tile floors and tile wainscot. There will be three elevators, two passenger and one freight, steam heat, a vacuum cleaning system and hot water supply. The floors will be used in the lobby and halls. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

LIBRARY—1 story and base reinforced concrete, \$10,000. Beaumont, Riverside Co., Cal. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, City of Beaumont. Plans have been approved for a one-story reinforced concrete library building, funds for the construction of which have been donated by the Carnegie Library Association. The building will cover an area of 20x60 feet and will contain a reading room, office and stack room. Interior finish will be of pine and oak with maple floors and cork linoleum. Metal shelves will be used. There will be furnace heat and modern plumbing. Exterior of the building will be faced with cement plaster. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$15,000. Los Angeles, Cal. Architect, A. B. Benton, 114 North Spring street, L. A. Owner, Mrs. Jules Kauffman. The house will contain twelve rooms, three baths and sleeping porch. Design is in the French Renaissance style. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile. The floors and wainscot will be used in the bath rooms. An automatic water heater will be installed. A garage will also be erected on the lot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

TELEPHONE EXCHANGE—6 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Architectural Department Pacific States Tel. and Tel. Co., 333 Grant Avenue S. E. Owners, Pacific States Tel. and Tel. Co. This work has been mentioned here before. The building will be erected on South Hill street, covering an area of 74x75 feet. Construction will be Class A throughout, having a complete steel frame, reinforced concrete floors and brick walls faced with pressed brick or terra cotta. The entire building will be used to house the company's offices and exchange. Interior finish will be of pine

and hardwoods with considerable marble, tile and ornamental plaster. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for at once.

STORES AND OFFICES—4 story and base. Brick and steel, \$30,000. Hollywood, Los Angeles Co., Cal. Architect, E. F. Parcher, 1524 Laba 2 avenue, L. A. Owner, C. E. Toberman. The building will cover an area of 75 feet square, and has been designed for four stories on the first floor, offices and living apartments on the upper floors. Interior finish will be of pine throughout. There will be steam heat and a hot water system. Patent store fronts and metal window sashes and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND OFFICES—11 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Tain & Williams, Exchange Bldg., L. A. Owners, syndicate headed by Attorney Herbert J. Goudge, 309 Exchange Bldg., L. A. This syndicate has secured a lease of 50 years on the property on the west side of Spring street, between 6th and 7th streets, and will undertake to finance an 11-story Class A office building. The site is 120x155 feet. Details of construction have not been determined. Further mention will be made as plans progress.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, brick and steel, \$60,000. Los Angeles, Cal. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Contractors, E. W. Smith & Sons, Trust and Savings Bldg., L. A. Contract price, \$60,000.

STORES, OFFICES AND BANK—2 story and base, brick and steel. Cost not stated. Corona, Riverside Co., Cal. Architect, H. G. Koerner, Broadway Central Bldg., L. A. Owners, Corona Investment Co., Contractors, The Remington Co., Broadway Central Bldg., L. A. Contract price not stated.

PORTLAND AND OREGON.

BANK AND OFFICES—2 story and base, brick, \$20,000. Beaverton, Ore. Architects, Clausen & Clausen, Maskey Bldg., Portland. Owner's name withheld. The building will be erected on a corner site and will contain,

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besides the banking rooms, one store on the first floor and a number of modern offices on the second floor. Interior finish will be of pine and hardwoods. There will be fireproof coin and safe deposit vaults. Some ornamental plaster and iron will be used. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Plans are being prepared.

WAREHOUSE—2 story and base, brick and steel, \$60,000. Portland, Ore. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owners, D. P. Thompson Estate. The building will be erected on the East Side, and will have a frontage of 200 feet by a depth of 100 feet. Construction will be of the heavy mill type. Spur track facilities have been provided. No interior finish will be used. Plans provide for metal window sash, fireproof doors and an automatic sprinkler system. Exterior of the building will be faced with stock brick. Plans are complete and figures are now being taken by the architects.

STORES—1 story and base, brick. Cost not stated. Portland, Ore. Architects, R. N. Hockenberry & Co., Abington Bldg., Portland. Owner, R. T. Delaney. The building will be erected at the corner of 29th and Bellmomy streets. The structure has been designed for a four-story building, but only the first floor will be erected at the present. When upper floors are added these will be arranged for apartments. There will be four stores. Interiors will be finished in pine and hardwood. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

ICE HIPPODROME—1 story, reinforced concrete and steel, \$55,950. Portland, Ore. Architect, J. McClure, Lewis Bldg., Portland. Owners, Portland Ice Hippodrome Co. Contractor, Victor Carlson, 145 Vancouver avenue, Portland. Contract price, \$55,950. Note: This price does not include the ice machinery.

CONCRETE RETAINING WALL—\$14,036. Portland, Ore. Engineer, City Department of Engineering, Portland. Owners, City of Portland. Contractors, J. S. Winters Co., Portland. Contract price, \$14,036.

STORE AND THEATRE—1 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Charles W. Ertz, Northwest Bldg., Portland. Owners, Duke Bros. Contractors, Irish Bros., Lents. Cost not stated.

SEATTLE AND WASHINGTON.

CAR BARN—The new car barn, brick and steel \$50,000, Seattle, Wash. Architect, City Architect James Huntington, Seattle. Owners, City of Seattle. Plans have been completed for a building 47x161 feet with 10 ft. x 20 ft. bays, which will house 100 municipal cars and administrative offices of the system. Construction will be of brick and steel. Plans will receive the official approval of the city and will probably be entered for about October 10th. Plans and specifications can be secured from the City Architect's office.

RESIDENCE—2 story, 100 ft. base Class A construction, \$25,000, Seattle, Wash. Architects, Robt. & Mendell, Penny Bldg., Seattle. Owner, W. F. Boeing. The house has been designed for a high-class city residence and will be erected in the Highlands. The house will be the largest home in the Highlands and will contain besides a number of living rooms, a ball room, billiard room, gymnasium and bath. Interior finish will be of pine and hardwoods with carpeted floors throughout. There will be a vacuum heating, a vacuum cleaning system and hot water system. All hot rooms will have tile floors and windows, considerable marble and tile will be used. Exterior of the house will be faced with pressed brick. Plans are complete and now out for figures.

STATE EXPOSITION BUILDINGS.

Panama-Pacific Exposition buildings to be erected by the several states of the Greater Northwest at San Francisco, and for which large appropriations were made by the last legislatures, will advertise as much as any one thing the states responsible for their architecture and construction. There will be thousands to view these buildings, who will look upon them as an index of the social development of their respective communities. The architecture of these buildings will be about all there is to know, and will certainly be the feature that makes the fair, and leaves the impression of the state upon the visitor.

Shall the architecture be planned, refined, studied, created and copied in a copied fashion, a freedom? The building should express the predominant sentiment and the character of the community which it represents. Creative and imaginative architects will be applied to design, and the result should be such that the architect can turn and say unto his neighbor: "The country of Louisiana, the new empire of the Pacific, the Greater Northwest, possesses a character of talent and of genius which is characterized its terms of architecture. Architect and Engineer."

DEMAND FOR CREOSOTE.

The last few years have witnessed rapid development of the wood preserving industry of the Northwest continent, largely owing to the increasing scarcity and cost of lumber. At the present time there are two plants in operation in the zone of the Pacific and another is in the process of construction. The demand for creosote is a natural result of the increasing manufacture of it to meet the demand.

Creosote, however, is a by-product of a by-product, and hence it is very difficult to obtain a desired specified quality. As a result, it has been found necessary to raise the specifications on the kind of oil available.

As creosote is used to preserve about 75 per cent of the lumber treated, and as it appears probable that shortage will occur in the near future and that high prices will prevail, the problem of increasing the supply is an important one. Creosote is produced in a by-product coke ovens and the threatened shortage should further their increasing adoption as there is enough creosote waste every year in the heavy coke ovens in Canada and the United States to supply all reasonable demands for years to come.—Bulldier and Engineer.

Builders, as well as other business men, complain of dull times. Yet when the figures of contracts let and permits issued for the month are totted up, September has shown about an average mark. Perhaps it is the general lassitude of affairs and the low margin at which contractors work that is accountable in some degree for the air of inactivity. September has about averaged with the previous months of the year. For private construction the total for the month amounts to \$2,231,764. This is divided into the following: For brick and concrete construction, \$1,189,922; frame buildings, \$629,415; alterations and additions \$301,361; Panama-Pacific contracts, \$229,896. To this may be added City construction work to the amount of \$125,200; street and sewer work, \$61,685, and U. S. Government work, within the city limits, amounting to \$31,740, making a grand total of \$2,450,389.

Compared with other years the record for September since 1903 has been as follows:

September, 1904	\$1,699,550
September, 1905	1,417,104
September, 1906	5,341,106
September, 1907	3,562,154
September, 1908	3,287,771
September, 1909	1,721,953
September, 1910	1,433,797
September, 1911	2,000,653
September, 1912	1,886,743
September, 1913	2,231,764

It will be seen that the total of September compares favorably with other months of the year, and is well up to the construction period. It is about the best month in the record for the month. It looks that the end of the year that conditions will be more favorable for the building industry as a whole else.

MINERAL PRODUCTION OF STATE.

Report of California State Mining Bureau.

By A. N. Hamilton, State Mineralogist.

Advanced data from the 1912 annual statistical report of the State Mining Bureau.

Mineral	Value
Asbestos	\$ 27,000
Asphalt	3,900,000
Barite	2,812
Chrysotile	87,467
Fluorite	1,122,773
Gink	910,290
Gravel	6,074,661

Granite	11,260
Hay	215,683
Lead	39,092
Copper	5,638,049
Crushed rock	3,691,010
Weldspar	6,180
Fulcrum earth	6,500
Gems	23,050
Gold	19,713,378
Granite	362,975
Gypsum	117,388
Infusorial earth	17,074
Iron ore	2,508
Lead	61,653
Lime	464,410
Limestone	570,248
Magnetite	105,120
Manganese	400
Marble	74,120
Mineral paint	1,800
Mineral water	529,384
Natural gas	940,076
Paving blocks	578,355
Petroleum	41,868,344
Platinum	19,731
Pumice	2,500
Pyrites	203,470
Quicksilver	866,024
Salt	383,370
Sand and gravel	841,588
Sand-glass	15,404
Sandstone	22,574
Silver	799,384
Soapstone	7,350
Soda	37,094
Tungsten ore	206,000
Zinc	298,566
Total	\$91,472,383

*Figures compiled by the U. S. Geological Survey.

BRITISH CHANNEL TUNNEL.

The project of tunneling the British channel, so as to bring England and France into land communication with each other, is receiving just at this time such strong support in both countries that it may be fairly assumed that the work will actually be undertaken in the immediate future.

The London Chamber of Commerce has already given its formal approval to the project, and when the associated chambers of commerce told their annual meeting at Antwerp this month the delegates from London will urge the national approval of the plan.

A deputation of members of Parliament waited upon the Premier a short time since and urged immediate action by the Government toward official approval of the project. The Premier assured the committee that the Government's involvement would have been given immediately but for the fact that it was necessary to devote more further attention to the question whether the tunnel might be a source of military danger to the kingdom. This consideration has, however, almost entirely lost its weight of recent years.

The engineering and the financial ends of the project have been thoroughly canvassed and neither presents any difficulties. The estimate is that the tunnel will cost \$81,000,000 and will take seven years' time to complete. The estimated volume of business which would pass through it would pay the cost of this cost and leave a substantial margin over. No difficulties are anticipated in raising the money, even should construction be undertaken as a purely commercial scheme and without government assistance from either side of the chan-

ncl. It is believed that the tunnel would capture the large share of the present business across the channel. The distance is but thirty miles, and, were the tunnel through, the journey between London and Paris would be a matter of but five or six hours.—Seattle Post-Intelligencer.

CALIFORNIA PRODUCES OVER \$26,000,000 IN METALS

Gold, Silver, Copper, Lead, and Zinc Output in 1912—Increase in Production as Compared with 1911 Reported by the U. S. Geological Survey.

The mine output of gold, silver, copper, lead and zinc in California in 1912, according to Charles G. Yale, of the United States Geological Survey, was valued at \$26,383,946, an increase of \$1,209,269 over the corresponding value for the year 1911. The increase is due mainly to gain in yield of gold from deep mines, increased value from copper and silver, and increased output of zinc. The greatest gain was in the value of copper and was due to an advance in commercial value of the metal, as the quantity produced was materially less in 1912 than in 1911. To a less degree the same may be said of silver; the zinc quantities and values also increased.

The mine production of gold in 1912 was valued at \$19,713,478, a nominal decrease of \$25,430 from 1911. The output of silver was 1,300,136 fine ounces, valued at \$799,584, an increase of 29,691 ounces in quantity and of \$126,248 in value. The production of copper was 33,451,672 pounds, valued at \$5,519,526, a decrease of 2,864,464 pounds in quantity but an increase of \$980,009 in value. The output of lead was 1,144,731 pounds, valued at \$51,512, which is a decrease of 253,380 pounds in quantity and of \$11,402 in value. The output of zinc was 1,345,591 pounds, valued at \$299,846, an increase for the year 1912 of 1,538,556 pounds in quantity and \$129,845 in value.

There were 1,041 metal-mining properties, reported productive in 1912, of which 532 were deep mines and 509 placers of various kinds. This shows a total decrease of 140 producing mines in 1912. There were 470 deep gold mines, 12 silver, 24 copper, 25 silver-lead-zinc, and 1 zinc.

Of the placer producers 141 were hydraulic mines, 65 dredges, 146 drift, and 157 surface or sluicing mines. There were 64 less deep and 76 less placers producing in 1912 than in 1911.

The deep mines of California produced 2,641,497 tons of ore in 1912, a decrease of 155,764 tons. Of this output 2,225,129 tons was siliceous ore, and 6,472 tons zinc ore. The siliceous ore output decreased 70,918 tons, the copper ore decreased 85,659 tons, the lead ore decreased 1,031 tons, and the zinc ore increased 1,847 tons.

Ores Yield Larger Returns.

The total average value from all ore sold or treated in California in 1912 was \$6.71 a ton, against \$5.49 a ton in 1911 and \$6.71 a ton in 1910. At gold and silver mills in California in 1912 the tonnage milled was 2,077,300 short tons, yielding \$10,371, 347 in gold and 207,206 ounces of silver, valued at \$188,992, or an average value in gold and silver of \$5.08 a ton, compared with \$1.64 in 1911 and \$5.25 in 1910.

Of this average value \$4.17 was recovered as bullion in batteries and on plates in mills. The smelting ores, 456,735 tons, produced all the copper and zinc and practically all the lead, as well as 955,067 fine ounces of silver, valued at \$587,366 and \$592,532 in gold. There were also treated 107,462 tons of old tailings, yielding \$103,936 in gold, an average of 96 cents a ton, and \$1,298 in silver, an average of 1 cent a ton.

Nearly \$0,000,000 from Placers.

The placers of California in 1912 yielded \$8,645,663 in gold and 35,652 ounces of silver, valued at \$21,926, a decrease of \$339,895 from the placer output of 1911. The hydraulic mines showed an increase of gold output of \$14,196, the dredges a decrease of \$236,506, the drift mines a decrease of \$91,908, and the surface placers a decrease of \$26,646 in gold. The placers produced 43.86 per cent of the total gold yield of the State and the deep mines 56.14 per cent. The dredges produced 37.68 per cent of the entire output of gold in the State in 1912 and 55.93 per cent of the placer gold. The total gold-dredge output of California from 1899, when only \$206,302 was produced, has been \$55,415,191, including the \$7,429,951 obtained from this source in 1912.

JAPANESE PREPARE TO MOVE TO FLORIDA.

A general exodus of Japanese farmers from California will be only a matter of a few months if the Florida colonization plans of L. S. Mogi, a Japanese farmer and promoter from Southern California, are carried out.

Mogi has been in Sacramento for the last few days enlisting Oriental recruits for the trip to Florida, where he says that a tract of 61,000 acres has been set aside for intensive cultivation, this tract being open to Japanese settlers.

A party of eight of ten Sacramento Japanese has already been recruited and will leave for the south. In Los Angeles they will join a score more of their countrymen, gathered from various parts of the State, and thence the party will proceed to Florida.

BUILDING OPERATIONS CONTINUE TO BE BRISK.

**Private Construction Work reaches
Two Million Mark.**

Private building activities throughout the city for the month of September, as reported by the Bureau of Building Inspection of the Board of Public Works, show a total of 386 permits issued at an estimated cost of \$2,273,723.

These figures include \$900,000 for the construction of the Panama-Pacific International Exposition Company's Auditorium which is now under construction in the Civic Center in the block bounded by Larkin, Hayes, Polk and Grove streets. This structure will cover an area of 263 by 401 feet and will be four stories and basement (class "A"), the main feature being a disappearing stage. Plans for this building were prepared by the Consulting Architects of the City, John Galen Howard, John Reid Jr., and Fredrick H. Meyer.

Report of 1913.

Class	No. of Bldgs.	Amount
Class "A"	1	\$900,000
Class "B"	3	122,500
Class "C"	16	665,121
Frames	162	438,932
Alterations	204	147,170
Total	386	2,273,723

Report for 1912.

Class "A"	1	\$132,000
Class "B"	3	124,100
Class "C"	20	750,600
Frames	203	605,401
Total	544	1,783,145
Alterations	317	171,044

TIN IN ALASKA.

In speaking of mining conditions in Seward peninsula, Governor Strong of Alaska incidentally called attention to the fact that there is a dredger working on the placer tin deposits in the York district, which will have an output this season of nearly sixty tons, which will bring in somewhere between \$30,000 and \$50,000. This serves to recall one of the many opportunities present on this coast which have, as yet, been overlooked.

There is no other portion of the world, with a similar number of inhabitants, which consumes such quantities of tinsplate as the Pacific States and Alaska. California puts up a greater value of canned goods than any other state in the Union, as Washington puts up more canned fish than any other state. The consumption of tinsplate in the season on this Coast is measured in trainload lots. One of the greatest tin can factories in the world is located at Bellingham. The condensed milk factories use trainloads of tinsplate. The canning industry is expanding steadily and at a rapid rate. All of this tinsplate is imported from other states, where it is manufactured and coated with tin imported from abroad.

The tin being mined in Alaska goes to Wales for reduction, comes back to the Pennsylvania and Middle West tinsplate plants, and from them back to the Coast to be utilized. The present production of tin in Alaska would go a long ways toward coating all of the tinsplate in use on this Coast. The connection is so obvious that it is hard to understand why the tin ore is not reduced here and why the tinsplate is not manufactured here in quantities sufficient to meet the heavy local demand.—Seattle Post-Intelligencer.

A PANAMA FORECASTER.

Forecasts of the effect of the Panama canal on the world's business are of the first importance today to business men, to investors, to parents, to workers, in short, to whoever knows the need of an income and has an eye on the future. Of these forecasts there will be many in months to come. One of the earlier ones to consider the subject with scientific grasp, yet with the public's viewpoint, is Professor A. W. Kirkaldy, who read an address on the canal's prospective trade results lately before the British Association.

After pointing out that we, with our advantage of possession of the canal, and with coaling and naval stations and a ready supply of cheap coal for the ships on the Panama routes, may be in a position to press hard the trade and shipping of both England and Germany throughout the Pacific and

Indian oceans, Professor Kirkaldy foretells a coming reign of international competition.

Now in the competition of nations that is to ensue, this student perceives a high probability that, with other considerations fairly balanced, that nation will gain the lead whose capital and labor factors co-ordinate most perfectly and produce the least friction and the most products. Here is a thought for those who encourage or condone the present highly frictional state of class feeling—for the men who commit intellectual sabotage by pouring the emery powder in the joints between American capital and labor.—New York Evening Sun.

A FLOATING CITY.

The Imperator is crossing the Atlantic with 5019 persons aboard, passengers and crew, almost 2000 more than any other ship in the regular passenger service ever carried. This is an army almost as large as that which Cornwallis surrendered at Yorktown, assuring the independence of what is now the United States. It is more than the population of many thriving towns. There is not a hotel in the world that could accommodate so many persons, housing them and feeding them. Yet this great multitude is comfortably placed in the giant of the seas. They will be carried across the ocean amid all the luxuries of which civilization boasts and, withal, better guarded against the dangers of the deep than ever human beings on the water were before. But yesterday the ocean highway was a race with death. Storms overwhelmed frail craft, pirates encompassed them and many were destroyed. Human ingenuity has lavished itself on this latest monster. It is not proof against all elements, but it is the sum total of human preparedness and precaution. If the Imperator alone were the achievement of a century, civilization might well glory in that achievement. More than 5000 people carried across the ocean in ease and comfort by one ship—it is the dream of yesterday come true.—Philadelphia Ledger.

CERRILLOS COAL FIELD, NEW MEXICO.

A short report on the Cerrillos coal field, Santa Fe County, New Mexico, by Willis T. Lee, just issued by the United States Geological Survey, describes a coal field which is one of the few in the United States outside of the Pennsylvania anthracite field containing true anthracite coal. Considerable interest attaches to the Cerrillos coal field, not so much because of its present productiveness as because it is one of the oldest producers of coal in western America. The mines that were worked most extensively have been abandoned, but the field contains many good coal seams, some from 4 to 6 feet thick, of anthracite and bituminous coal.

The coals of the Cerrillos field have been developed in so few places and so little is known of the continuity of the beds that no useful estimate of available tonnage can be made. The area of coal-bearing rock is about 20 square miles, but the uncertainty as to the occurrence of commercially important coal beds in many places renders any estimate that might be made almost

worthless. However, as the mines in the very small area developed have furnished, according to the statistics of the Geological Survey, about 2,330,000 tons of coal, large bodies of valuable coal may yet be found in the Cerrillos field.

ASPHALT OBTAINED FROM OIL.

Production of Good Roads Material Steadily Increasing.

Until recently the popular idea of asphalt represented the solid material found in certain veins in Utah, or obtained from the shores of the Dead Sea, or from the asphalt lake in the Island of Trinidad, the material being used for asphalt varnish or for street pavement.

Within the last few years, however, the asphalt trade has been dominated to a steadily increasing extent by a different variety of asphalt obtained by boiling down the heavy petroleum found in California and in the region of the Gulf of Mexico to a semisolid material which has found wide use for roofing purposes and as a binder in modern road construction. A total of 333,213 short tons of this oil asphalt was made in 1912 and had a value at the points of production of \$3,534,077. This is a gain of 33.7 per cent over 1911, and is nearly three times as much as the output of all other kinds of asphalt taken together, as shown in the annual report of David T. Day, of the United States Geological Survey, published as an advance chapter from Mineral Resources for 1912.

Asphaltic oils differ very widely in the proportion of asphalt contained, ranging from oils having no asphalt to very viscous oils which are suitable for road material with practically no refining. Such natural liquid asphalt is known in many localities, especially near Lander, Wyo. It has not yet come into popular use, as asphaltic residues of exactly the required consistency may be obtained more cheaply by boiling down the thinner asphaltic oils characteristic of many regions in Texas, California and Mexico.

The proportion of asphalt contained in the asphaltic oils of California, Texas and Oklahoma varies within wide limits. The oils of the Coalinga district, California, vary from 1.89 to 57.12 per cent.

In the Kern River field there is a variation between 16.2 and 38.7 per cent. In the Sunset-Midway-McKittrick region the variation ranges from 11 to 51 per cent, in the Los Angeles field from 13.3 to 42.2 per cent, and in the Santa Maria field from 12 to 42 per cent. In Texas and Louisiana the asphaltic oils, which are limited practically to the region of the Gulf coast, show variations from no asphalt to a maximum of 20 per cent.

It is evident from the figures of production of asphalt in California that the industry is expanding rapidly. This expansion is easy, because of the practically unlimited amount of asphalt which can be separated from the crude oils, especially from the heavier grades. During the latter part of 1912 the Standard Oil Co. of California began making contracts for crude petroleum below 15 degrees B. T. U. forced the producers to "top" their product, obtaining large amounts of asphaltic residues. These they sold

partly for fuel and partly for asphalt. The heavy oils of the Kern River field required comparatively slight topping to leave an asphaltic residue which was well suited for road and roofing asphalt.

Under the conditions it has proved possible to push the sale of California asphalt to great distances.

FOREIGN TRADE OPPORTUNITIES.

Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.] Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11705, Floating dry dock.—Supplementing a previous report published in Daily Consular and Trade Reports for March 12, 1913, the American consul at Valencia, Spain, writes that the project for the dry dock has been approved and competitive bids called for. He has forwarded copy of the specification and translation of the same, which may be obtained from the Bureau of Foreign and Domestic Commerce.

No. 11706, School furniture and equipment.—An American consul in Russia reports that a boys' large commercial school, costing over \$200,000 is nearing completion in his district. It will be equipped with modern school furniture and appliances for library, chemical, physical, and commercial departments. Those desiring to furnish furniture and equipment should send catalogues and correspondence in Russian, French, or German to the director of the school whose name is given in the report.

No. 11710, Hoisting engines, steam drills, concrete mixers, and derricks.—A report from an American consular officer in Canada states that a firm of contractors in his district desires to receive from American manufacturers catalogues and price lists of hoisting engines, steam drills, concrete mixers, and derricks. The firm in question is said to be one of the largest in the district.

No. 11715, Sectional bookcases.—An official of a foreign municipality informs an American consulate that he desires to ascertain prices of sectional bookcases 4 feet long and four sections (about 4 feet) high. The consul states that at present only one division as specified is required but it should lead to further orders.

No. 11718, Military barracks.—Supplementing a report, which was published in Daily Consular and Trade Reports for August 30, the American consul at Reims, France, has forwarded the names of contractors to whom the French Government has awarded the construction of new military barracks throughout the country.

No. 11724, Motor wagons.—Tenders for supplying a 4-ton motor wagon with petrol engine for collecting house and refuse and for street watering will be received by P. Thomas, Town Clerk, Town Hall, Burnley, Lancaster, England, until October 12. Copy of the specifications can be obtained from the town clerk.

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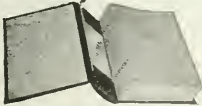
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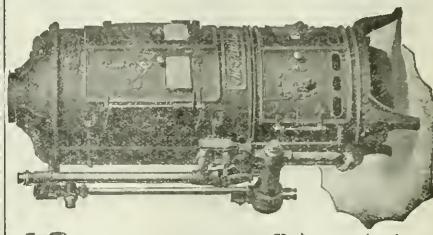
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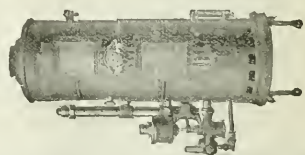
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Skelly, Thos.
Slattery, M. S.
Snook, W. S. &
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Spencer Plumb-
ing Co.
Stadler & Hinkel-
bein
Stevens, Jas. F.
Strohmler & Koe-
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Stur, C. G.
Sutton Co.
Szanik, S.
Taylor & Pritch-
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Tippett, J. C.
Trezise, J. S.
Trezise, A. G.
Turner Co.
Von Tagen & Mol-
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Ward, Hugh

Watson, Chas.
Weck & Co.
Westphal, H. N.
Wetzel & Grass
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Whitman, L. Ly-
man Co.
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Willson, W. F. Co.
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Backgalup, P.
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Burns, Joseph
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Bernstein, Wm.
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Blum, L.
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Cohn, R. J.
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Christ, Ferd
Cramer Bros.
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Daniels, C. V.
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Eckart, H.
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Goetze, F. W.
Gercke & Feil-
bach
Graper, Harry G.
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Gruhn, M. Joseph
Grimes, John
Gordon, C. E.
Hoffman, Jno.
Hansen, P. H.
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Kies, Fred
Kroder, Gus.
Koelzig, Otto
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Olney, E.
Ostland, John L.
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Pastler, Robert.
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Quandt, A.
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Weiser, J. H.
Walk, M. B.
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Gibson, J. E.
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Gardner, F.
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Hogberg, Emil
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Rainey, E. S.

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Kohlwey, W. D.
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ing Co.
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ing Co.
Fisher, Roofing
& Paving Co.
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Roofing Co.
Gross, Felix
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Co.
Larkin Asphalt
Co.
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Co.
Mission Roofing
Co.
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bestos Sup. Co.
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erson
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Lynch, R.
Lynch, R.
Munson, C. & Co.
McAbee, E. T.
McLelland, R.
Hayden, Fred
Potter, A. V.
Peerless Fire-
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Raymond, Wm.
Roebeling Con. Co.
Snell & Dennis
Streeter, M.
Sheehan, Thomas

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Balke, A. F.
Clinton Fire-
proofing Co.
Camp, C.
Lynch, R.
Lynch, R.
Munson, C. & Co.
McAbee, E. T.
McLelland, R.
Hayden, Fred
Potter, A. V.
Peerless Fire-
proofing Co.
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Ventilating Co.
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Danzel, Robt. Jr.
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Gilles-Schmid Co.
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Levy, M.
O'Mara, J. E.
Pac. Fire Ext. Co.
Petersen - James
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Henning, W. H.
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Johnson, J. Eric
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Kierck, F. J.
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Koenig, L. B. G.
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Linden, William
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Lindsay, Frank
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MacDonald & Co.
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Masow & Morris
McClanahan & Co.
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McLevich, J. I.

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Calif. Pottery Co.
Carnegie Brick & Pottery Co.
Diamond Brick Co.
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Gilbertsen & Johns
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Hansen & Co.
Holding & Carman
Johnson, J. W.
Koberling, Jos.
Koldenstrott, F.
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Tingberg, John
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Bay Develop. Co.
Cal. Pottery Co.

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Woods & Huddart

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Pac. Floor Sand-
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ton

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Gas Heating Sys-
tem.

Reactor System
Gas Heating Co.

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Pumps.

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Glass Co.
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dow Glass Co.

Cohen, I.
Fulker Co., W. P.

Grosslicht & Din-
nien

Habenicht &
Howlett

Mission Plate &
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Pioneer Plate &
Window Glass Co.

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lieb

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Leffler, Fred
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McGlinchey &
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O'Day Co., Dan'l

O'Donnell, Philip
Powers, Chas.

Rahman & Woods
Schmid, A.

Shiley Grading &
Teaming Co.

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Granite Curbing,
Graham Granite
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Lead Granite Co.,
W.

Pacific Granite Co.
Placer Granite Co.

Gravel.

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ers.

Inland Floor Co.

Hardwood Inter-
ior Co.

Wood Lumber Co.,
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Hardware, Hlrs.,
Baker & Hamil-
ton

Bennett Bros.

Brittain & Co.

Joost Bros.

Marshall - Newell
Supply Co.

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Norman & Sons,
F. G.

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S. F. Hd'ware Co.
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Hay & Grain
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ilating.

Ahlbach & Mayer
Atlas Heating &
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General Eng. Co.
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Lawson, Herman
Looney Co., J.

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Snook & Co.,
Fred W.

Turner Co., The
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Haulers.

Hatch, H. L.
Pearson, N. H.

Stratton, C. C.
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ior Co.

Inland Floor Co.
Pac. Floor Sand-
ing Co.

Textile Laundry.
Enterprise Foundry

Co.

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Co.

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Baker & Hamil-
ton

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Woods & Huddart
Iron Works.

Art Metal Works
Brode Iron Wks.

Dyer Bros.,
Eureka Wire &
Iron Wks.

Folsom St., Iron
Works

Glasser & Kloeres
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Works

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Monarch Iron
Works

North Star Iron
Works

Ralston Iron
Works

S. F. Iron Works
Santoria Co.

Schraeder's Iron
Works

Security Iron Wks
Steiger & Kerr

Stove & Foundry
Co.

Vulcan Iron Wks.
West Coast Wire
& Iron Works

Western Iron
Works

Zenith Iron Wks.

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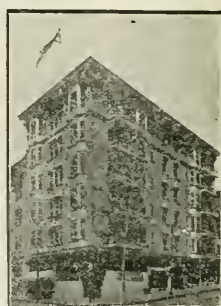
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Industrial News of Alameda Co.

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Western Builder.

THIS WEEK'S ILLUSTRATIONS:

New Union High School Now Under Construction At Woodland, Yolo County, California. Designed By Architect W. H. Weeks, San Francisco.

Commercial Building Being Erected For The Riverbank Land Company At Riverbank, Stanislaus County, California. Designed By Architect C. H. Russell, S. F.

WEDNESDAY, OCTOBER 15, 1913.

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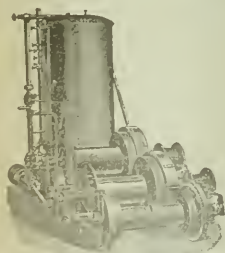
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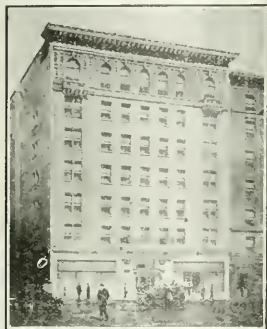
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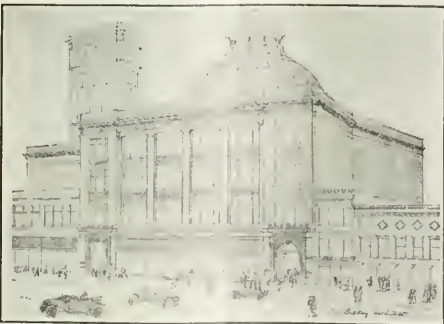
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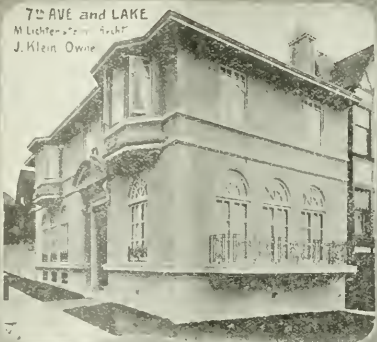
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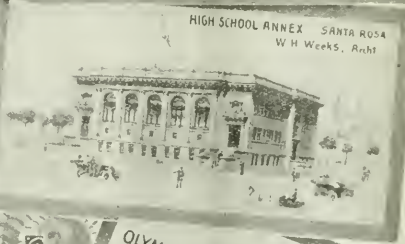
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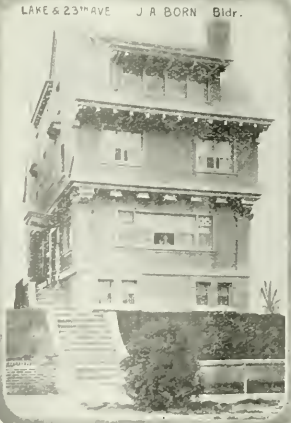
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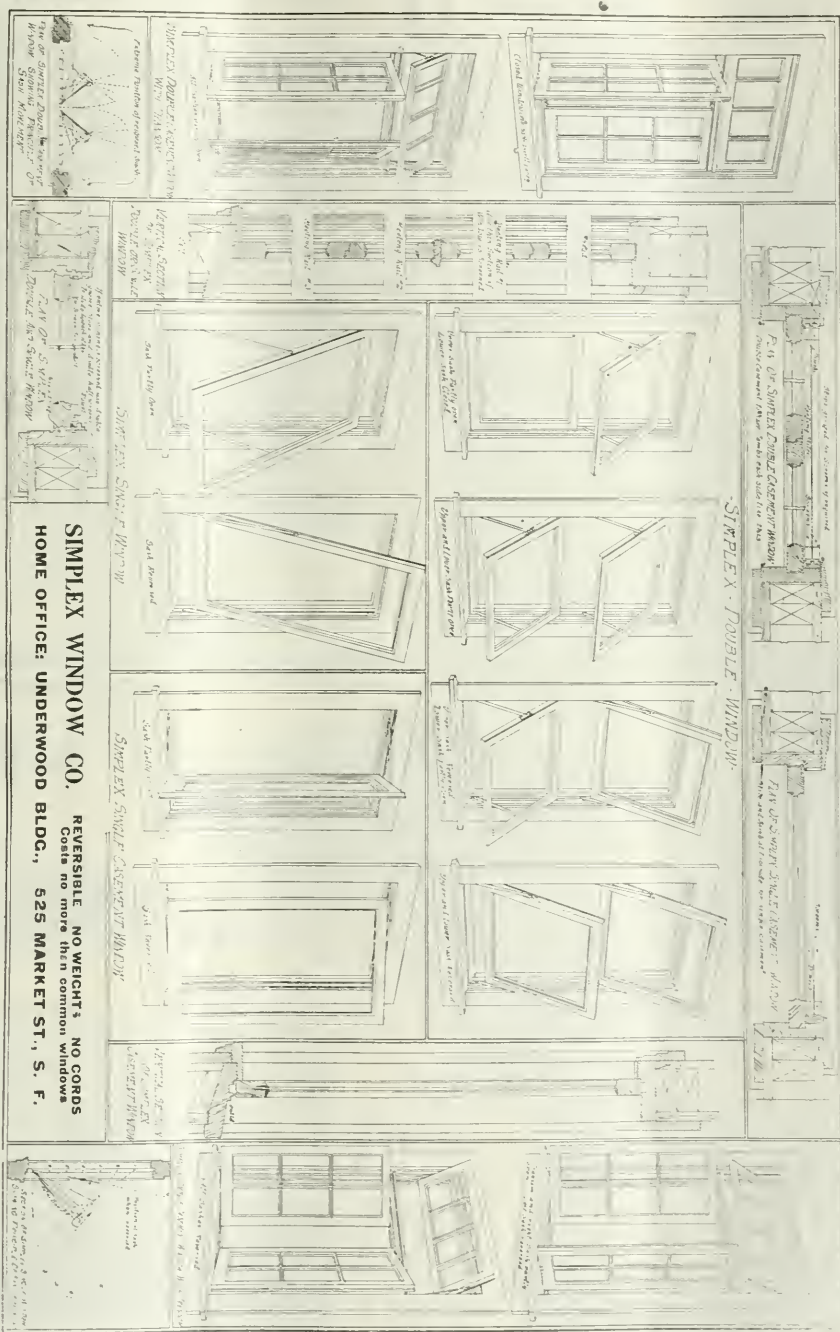
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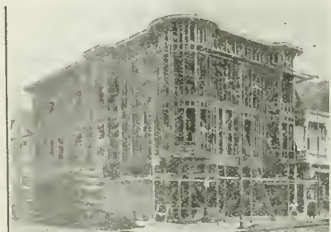
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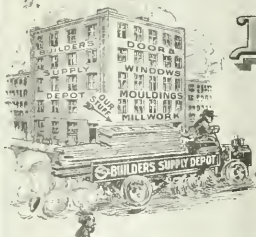
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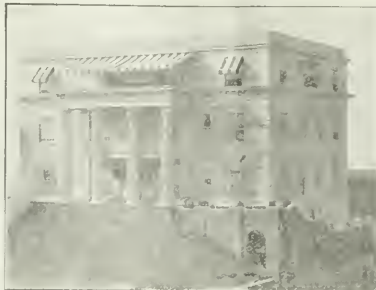


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The Sun Power Plant Reflectors and Generators In Egypt.

By Frank C. Perkins.

Designed by an American Engineer, Frank Shuman, Egypt has a sun power plant, used for pumping, and which has been the subject, of late, of many news reports. The reflectors and generators of the sun power plant in Egypt differ from the Philadelphia steam generators in which plane mirrors were used. In the Egyptian plant the reflectors are parabolical and the power is said to be much greater, or one hundred as against thirty.

This Egyptian plant is located at Meadi, a suburb of Cairo, on the road to Helouan, and the steam generator part of the installation covers a great deal of ground, as there are five reflectors, each 204 feet long, the cross section being in the form of a parabola with the generator units at the focus.

It is of interest to note that the latter is made of zinc, and is of rectangular section, 14 inches wide, with sides only $\frac{3}{8}$ -inch apart and is painted with a special black paint of high heat absorbing qualities. The glass plates and the insulators used in the original plan have been discarded and at the upper edge the generator is enlarged into a steam collector four inches in diameter, having a fall of six inches in its length of 204 feet, the collector being connected to the main steam pipe at the upper end and the feed water introduced at the lower end.

Mr. Shuman states that the sides of the reflector are lined with silvered glass mirrors ranging in size from about a square foot at the mouth to a quarter that size near the vertex. The reflector and boiler are carried on rigid braced steel cradles, the outer circumference of which is in the form of a segment of a circle and has a rack attached, gearing with a pinion which serves to rotate the reflector so that it may always face the sun.

The main engine furnishes the power for this operation through a pair of friction pulleys which are put in gear by a special regulator, of which a thermostat is an important part. The reflectors follow the sun automatically throughout the day. There are only five banks of heaters in this entire plant, instead of the 26 used in America, and they have been put widely apart so that no one shall shade another, an extra hour of sunshine at each end of the day being thus saved.

Dust is a troublesome matter in Egypt, and with it in view provision has been made for tilting the whole generators to one side and washing them off with a hose. It has been found best to work with a pressure slightly below that of the atmosphere, and corresponding to a temperature of about 200 degrees Fahr. In order to use this low pressure steam efficiently the inventor has designed an engine which has given exceedingly good results under test. A surface condenser is used, the vacuum being obtained before starting the plant by running the pump with a small petrol motor, which is stopped as soon as the vacuum

is obtained and the main engine is operating.

In reference to the generation of mechanical power by the absorption of the sun's rays, Mr. Shuman points out that the direct utilization of the natural forces in the development of power suitable for human activities has been for centuries a matter of continued scientific research. While to a limited extent these forces have been used from the dawn of civilization in the common forms of the windmill and various types of water-driven motors, it has not been hitherto possible to practically utilize the central dominating forces of nature—the sun's heat—in any direct manner, though obviously all power generators are dependent upon this great force for their existence. Although for many years engineers and physicists have been occupied with this problem; notably John Ericsson, Perry, Millican, Mouclat and Tellier, in France; Guntner and Althaus, in Germany; and Langley and Willie in America, they based their efforts either upon the use of lenses or mirrors to concentrate the sun's rays upon a small surface, or upon the heating of fluids of a low-boiling point, with subsequent power generation from the vapor under pressure.

It has always been attempted to create vapor at high pressure and then utilize this in the ordinary engine, but with the high temperatures involved, the losses by conduction and convection are so great that the power produced was of no commercial value. Where lenses or mirrors are used, the primary cost of the lenses, and the apparatus necessary to continuously present them toward the sun, have rendered them impracticable. Where fluids of low boiling point, such as ether, sulphurous acid and liquid ammonia were used, the results were of little value because of the inherent inefficiency of these fluids as power generators.

Mr. Shuman holds that a sun-power plant, in order to be practicable, must possess high efficiency, low cost of installation and maintenance, well-marked length of service, and should not require special trained mechanics for its operation. He maintains that in order to be efficient it is not necessary that the plant generate continuously, inasmuch as the great value of such a plant lies in its use as an irrigation apparatus; it is only necessary that the plant run about eight hours daily. It must, however, consist of units which may be assembled to produce a power plant of any required size, the larger the plant the greater the efficiency. It is entirely practicable to produce a sun-power plant up to 10,000 h.p. and over. An ideal plant must be subject to little accident; hence it must lie near the ground in order not to be affected by storms and winds. Each unit must be repairable without stopping the operation; construction must be simple and easily understood

by the ordinary steam engineer, and wear and tear must be reduced to a minimum.

The first cost of a sun-power plant to be practical, and of commercial value, must be sufficiently low so that the interest on the investment does not make it unprofitable. This is the rock on which, thus far, all sun-power propositions have been wrecked but this one. It is not necessary that the cost of the sun heat absorber shall be as low as that of a steam boiler and fitting of the same power. The cost of the plant described here is twice that of the ordinary steam power plant of the same size. This price is sufficiently low, however, so that even if the extra interest is taken into consideration, the fact that after installation no fuel is required is such an enormous advantage as to entirely offset the increased cost, and in addition cause great profits.

A decade ago Mr. Shuman became interested in the problem of obtaining power by absorbing the sun's rays. It was found, by experiment, that is a vessel was so arranged that the sun's rays could impinge upon it, and if all heat losses by conduction, convection and radiation are prevented by a theoretically perfect method of insulation, the temperature within the vessel would rise certainly to 1,000 degrees Fahr. without any attempt being made to concentrate the rays of the sun. For commercial purposes it is impossible to secure any form of insulation which would even approach the theoretical.

Commercially, the main object is to produce practical power at a minimum cost, and this has been done by the use of well known and cheap forms of heat insulation. Were no steam made in these vessels as they are arranged in the present plant, the temperature therein would go up to 350 degrees Fahr. In latitude north, and possibly to 450 degrees Fahr. near the equator. The production of steam at atmospheric pressure, however, keeps the temperature in the vessels down to 212 degrees and whatever excess of heat is produced by the sun's rays over and above the ground, and which permitted and may therefore be utilized.

No doubt sun-power must go through the same long and gradual course of development that has brought other forms of mechanical power to the present high plane of efficiency, but the principal will remain fundamentally correct.

The first Shuman generator consisted of a wooded box covered by two layers of glass, between which was a small air space, and in the box was placed a miniature ether boiler. This apparatus was exposed to the sun's rays, the ether distilled, and the amount of heat which might be absorbed was determined. As an experiment, a small toy engine was successfully run with this original apparatus. A second generator consisted of a 2-inch steam pipe 16 feet long, insulated at the bottom and enclosed in a box cov-

ered by a double layer of glass. Here again ether as distilled, and the number of heat units absorbed were determined. A third type of power plant was composed of a bed of water pipes properly insulated against heat loss, the unit being 18x60 feet, and the motor being an engine. With this apparatus 3½ h.p. was obtained.

With the knowledge so gained the next generator to be described below was gradually evolved. The sun-power plant consists of an absorber, a low-pressure steam engine, condenser and auxiliaries. In this sun-power plant the absorber was composed of a series of units, each containing a flat metal honey comb water vessel, rectangular in shape, and resembling closely a large waffle. This vessel was enclosed in a flat wooden box covered with two layers of glass having a one-inch air space between them, and having the under surface of the box insulated against heat loss downward by a two-inch layer of regranulated cork and two layers of waterproofed cardboard.

The boxes were mounted on supports which elevated them some 30 inches above the ground, and were permitted them to be inclined perpendicular to the sun at the meridian. Plane mirrors of cheap construction were mounted on two sides of the boxes in order that more rays of the sun might be absorbed and reflected upon the water vessel. This latter is connected at one end of a feed pipe from the water supply, and at the other end to a steam pipe. The steam pipes from the various units are connected together and empty into a main eight inches in diameter in the present plant, which conveys the steam to the engine.

The power of this first plant was used for pumping water by means of a reciprocating steam pump of the ordinary type, and whenever the sun shone this plant pumped water successfully and practically. The capacity of the plant was 3,000 gallons of water per minute lifted to a height of 33 feet.

From actual tests made in Philadelphia it was found that from the absorber of 26 banks of units, each containing 22 single units and having a light absorptive area of 10,296 square feet, there could be developed during eight hours, 4,825 pounds of steam. The power produced was much lower than normal to the plant, as it was built for tropical use and was entirely unfitted for commercial work in northern latitudes.

The loss of heat by conduction and convection in northern latitudes is enormous. When the present apparatus is placed in an average air temperature of 100 degrees Fahr., such as obtained throughout all equatorial regions, power multiplied three-fold. The immediate opportunities for sun-power are in those regions in the tropics where the sun practically shines throughout the year, and fuel is very expensive, coal costing in some localities \$20 per ton.

Mr. Shuman says that there is room now for at least half a million horsepower in such tropical fields as the nitrate district of Chile, the borax industry in Death Valley, and for general purposes in places where the outside temperature runs from 110 degrees to 140 degrees Fahr. As an irrigation engine there is no limit to the

amount of power that can be practically utilized; and for this purpose the conditions need not be so very favorable as those mentioned above. Throughout most of the tropical regions sun-power will prove very profitable in irrigation. One advantage of the sun-power, or, in fact, of any condensing plant for irrigating purposes is that the water used for the condenser costs nothing, as the main output of the engine can be passed through the condenser first before entering the irrigating canals.

The interior of Australia was, at one time, a fertile country, as is evidenced by the fossilized trees. Here is an area of 600 miles in either direction which is entirely valueless. During a drought there have been times when one-third of the sheep raised on the margins of this desert died from thirst, causing great financial loss. In this locality the sun shines with an intensity sufficient to produce an average daily temperature of 100 degrees to 140 degrees Fahr. The occasional rains nourish the sparse vegetation necessary for sheep, which are watered from wells driven in the ground and pumped generally by horsepower, very often by landpower, and sometimes by means of fuel oil, which by the time it reaches its destination, brings the coal equivalent up to some \$20 per ton. By building sun engines in this region, and pumping from the always present underground water which in this region lies at a depth of from 15 to 40 feet, this country can be made productive and valuable.

Throughout Eastern India and Ceylon many thousands of square miles of farm land can be improved three-fold by mechanical irrigation. Hand pumping is mainly the present form of irrigation used.

In Egypt agriculture depends entirely upon irrigation furnished by the River Nile through its periodic overflow. The English government built the Assuan Dam at an enormous expense and widened the irrigable area about half a mile on each side of the Nile, thus adding greatly to the tillable portion of Egypt. Of course, when the Nile is in flood infinitely more water than necessary is furnished, but the demand is for a supply that can be depended on from day to day, especially at seasons of low water. This supply at present is furnished by the hand labor of some 100,000 fellahs who pump after the manner of their ancestors. The sun engine now installed in Egypt does the work of about a thousand of these laborers.

In the States, throughout Arizona, Nevada, New Mexico and Southern California, there is room for any amount of power for irrigating purposes alone. These States show an average of 90 per cent sunlit, and the cost of fuel is practically prohibitive in most of these regions.

In the Egyptian sun-power plant the engine, condenser and auxiliaries are similar to those in daily use by steam plants, and may, therefore be eliminated from comparison; leaving the absorber and the ordinary steam boiler alone to be compared. It is found that at 11 times the initial cost of the sun-power absorber in question is about double that of a first-class boiler plant of equal power. The great economy is not in the item of fuel. In districts

especially suited for sun-power the cost of coal, or its equivalent, is usually very high, the price ranging generally from \$10 to \$30 per ton. To offset this no fuel at all is required by the sun heater. In the matter of maintenance and repairs, also the advantages with the sun-power. It is estimated that the repairs should not be in excess of 5 per cent per year on the initial cost, inasmuch as the apparatus works at low temperature, while the ordinary boiler requires flue gases up to 2,500 degrees.

Many parts of the sun-power plant, such as the metal heaters, piping, foundation and insulation are practically ever-lasting, barring accidental breakage; the only item of repair being the wooden frames and glass covers, and it found that after an installation of glass has once been tested out by the heat and the badly annealed sheets replaced, the ones left will last for years. This was evidenced by the small 18x60 foot heater in operation for three years in Philadelphia. There was a replacement of about 10 per cent, necessary during the first three weeks, thereafter the heater ran three seasons and only to or three sheets of glass needed replacement, these being accidentally broken.

Mr. Shuman says that the future development of solar power has no limit. Where great natural water power exists sun-power cannot compete; but sun-power generators will, in the near future, displace all other forms of mechanical power over at least 10 per cent of the earth's land surface.

IMPROVEMENTS IN INCANDESCENT LAMP MANUFACTURE.

In a paper by Ward Harrison and Evan J. Edwards, read before the Illuminating Engineering Society, Pittsburgh, Pa., it is brought out that the strength of tungsten filaments has increased more than 300 per cent since 1908, and the strength of drawn wire has increased 40 per cent since 1911. The use of chemicals in the bulb which has become general during the past year has reduced the blacking of lamps to a marked degree and has made possible a substantial reduction in bulb size for several lamps, thus reducing manufacturing costs and broadening the application of the lamps. The introduction of coiled filaments makes possible many new forms of lamps which heretofore could not be manufactured. The strength of the filament is increased by this process and the candle-power maintenance is not affected.—Scientific American.

NEW POWER COMPANY IN PORTLAND.

PORTLAND, October 7.—Entrance of the Northwestern Electric Company, a Fleischacker concern, into the Portland field in competition with the Portland Railway Light and Power Company, means a saving per year in lighting bills of at least \$20,000, stated Commissioner of Public Utilities Daily this morning. In bids just opened the new company underbid the now current 90 cents per arc for underground and \$1.10 for overhead service. The bids of the new company were lower than the present contract of the old corporation.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, none. Owner, B. J. Wyman, 1959 Hayes street, S. F. The building will be erected on Hyde street north of California, covering an area of 27½x112 feet. There will be a total of 12 suites arranged in three and four room apartments. Each apartment will have a private bath and will be equipped with a wall bed. Interior finish will be of pine, redwood and elm panels. Some hardwood floors will be used. Plans provide for a hot water system. Bath rooms will have the wainscot. Exterior of the building will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$100,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owners, George M. Caesar et al. The building will be erected on the northeast corner of Post and Leavenworth streets, covering an area of 62½x87½ feet. The e will be a complete steel frame, contract for which has been awarded. Interior will be arranged for a large number of handsomely finished suites, ranging from two to five rooms. All apartments will have private entrances, connecting baths and wall beds. Interior finish will be of pine, redwood and hardwood. There will be steam heat, a vacuum cleaning system, elevator service and hot water supply. All bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Segregated figure have been taken and contracts will be awarded at once.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$125,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Sacramento street east of Divisadero, and has been designed to contain twelve suites of four rooms each. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 2 story and base, brick and steel, \$75,000. Architects, C. O. Clausen Phelan Bldg., S. F. Owner, Mr. Shaw. These buildings will be erected on the north side of Bush street between H and I, 13th E. The building has been assigned to contain 18 and 12 apartment suites. The arrangement is such that each office will have its own bathroom of toilet and room. The kitchen will be of plate glass and

redwood. Some hardwood floors will be used. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. The building is in the Colonial style, exterior being faced with red pressed brick trimmed with white stone. The owner's original intention was to erect the entire lot with one building, plans for which were also prepared by Mr. Clausen. Working drawings for the two structures are now nearly complete and work will be started at once under the Day Labor system, the owner purchasing all materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architect, Alvin J. Stern, 1732 Broadway, Oakland. Owner, Cost Investment Co. The building will be erected on the north side of Grant avenue between Stearns and Perkins streets. There will be a large number of two, three and four room apartments, all having private baths and wall beds. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and hot water supply. Bath rooms will have composition floor and tile wainscot. Exterior finish will be of white cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architects, Nelson & Dixon Bldg., 257 Broadway, Oakland. Owner, Mr. Kerygan. The building will be erected on H and Telegraph streets and will contain a number of two and three room suites. Interior finish will be of pine and redwood. There will be steam heat and hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with pressed brick and terra cotta. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architects, Nelson & Dixon Bldg., 257 Broadway, Oakland. Owner, Mr. Kerygan. The building will be erected on H and Telegraph streets and will contain a number of two and three room suites. Interior finish will be of pine and redwood. There will be steam heat and hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with pressed brick and terra cotta. Plans are complete and the work will be done by Day Labor.

COURT HOUSES.

SAN FRANCISCO—City Hall, Class A construction, \$1,500,000. Architects, Lakewell and Brown, 251 Kearny street, San Francisco. Owners, City and County of San Francisco. Plans for the plain and reinforced concrete work and for all fireproofing on the new City Hall Building have been completed and approved. Bids are now being called for by the Board of Public Works. Bids will be opened on October 22nd. Plans can be secured from the City Department of Agriculture. An official proposal appears in another column of this issue.

SAN FRANCISCO—Carving and finishing two granite pediments for city hall. Cost not stated. Architects, Lakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened for this work show the McGilvray-Raymond Granite Co. low at \$15,931. A complete list of these figures will be found under the heading of San Francisco in this issue.

MARTINEZ, CONTRA COSTA CO., CAL. Court house heating system. Cost not stated. Engineer, W. F. Lehigh Mercantile's Exchange Bldg., S. F. Owners, Contra Costa County. Plans for the complete alteration of the present heating system in the County Court House are being prepared. The work will include an oil burning system. Bids will be advertised for as soon as plans are complete.

SACRAMENTO, CAL.—Elevator work State Capitol. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Bids are now being called for remodeling elevator grilles and installing two new passenger elevators in the State Capitol at Sacramento. Plans, specification and full particulars can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

WALLA WALLA, WASH.—Court house, 2 story and base, reinforced concrete and steel, \$200,000. Architect, Osburn, Walla Walla. Owners, Walla Walla County. The building will occupy the center of a large public park and will cover an area of 116 by 188 feet. The design is in the classic style. Interior has been arranged for two court rooms besides offices for all county officials. Construction will be fireproof throughout with a concrete steel frame, walls and floors of reinforced concrete and interior partitions of hollow tile or metal lath and plaster. A number of fireproof vaults will be specified. Marble, tile and ornamental plaster work is also specified. Interior finish will be of pine and hardwoods. Exterior of the building will be faced with cement plaster. A large dome and a statue of Liberty have been eliminated reducing the cost of the building by about \$10,000. Work on the building is being completed and bids will be called for shortly.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Lanady and second 2 story and base. Class C construction, \$14,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Shaw. The building will be erected on the south side of Turk

Street west of Larkin and will have a frontage of 25 feet and a width of 37 1/2 feet. Entire first story will be occupied by a laundry. Upper floor will be divided into 14 rooms and several batis. Interior walls are covered in pine and redwood. A large amount of special laundry machinery will be purchased. Patent stove fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are \$12,200. Key-

SAN FRANCISCO—Work on the two-story and base, reinforced concrete, Cost \$150,000. Architect, Consulting Quartermaster Fort Mason, owners, U. S. Government. Plans for complete and specifications are now being printed for the construction of two large three-story reinforced concrete warehouses which are to be owned by the government at the Army Supply Depot Fort Mason. Each of the buildings will cover an area of 300 by 60 feet and will be carried on concrete pile foundations. Each building will be equipped with two large electric freight elevators, an aerial ladders, modern plumbing and electric work, steel rolling doors and metal sliding sash and frames. Some masonry work will be used. Floors have been designed to carry a load of 500 pounds to the square foot. Exteriors will be faced with cement plaster. Masonry tile roofs will be used. The work is estimated to cost \$150,000. Bids will be called for shortly.

EDMONDS, WASH.—Factory story and base, reinforced concrete, \$150,000. Architects, Walters, White and Walters, Cray Bldg., Seattle. Owners, Pacific Jamie Manufacturing Co., Arco Bldg., Seattle. This building will be of fireproof construction and will cover an area of 163 by 265 feet. The roof area is to be divided into 8 sections of the saw tooth design, each side of which will be all glass. A cement floor will cover the entire building. Metal window sash and frames, and fireproof doors are specified. An automatic sprinkler system will be installed. Besides the main factory building a boiler house 23 by 25 feet in dimension will be constructed. Exteriors of both buildings will be faced with cement plaster. Plans are now being prepared.

SEATTLE, WASH.—City of Seattle warehouses, 4-story reinforced concrete, \$350,000. Architects: Powell & Seattle Commission, Central Bldg., Seattle. Owners: City of Seattle. The work has been mentioned here before. Plans for the foundation work are now complete and figures are being set. The big structure will be erected on the foot of Bell street and will be fire proof throughout. Exterior will be faced with cement paste. The structural plans and specifications are laid from Capt. C. O. Long's, Central Bldg., Seattle.

FIRE HOUSES

[illegible]

FLATS.

1. The place, covering an area of 10,000 feet. There will be three flats with two rooms and bath. Interior finish will be of pine and redwood with oak parquetry floors. Each living room will have an open fire place, mantel and book stack. The wainscot will be of pine in the bath rooms and kitchens. The walls will be finished in tile and paper. Exterior of the building will be decorated with rustic and shiping. The work will be complete and the work will be done by Day Labor. All materials to be purchased by the owner.

GARAGES.

WINKLEY, ALAMEDA CO., CAL.—
Plans, 2 story and base, brick, \$16,000.
Plans by Deane and Rousseau,
1000 Rock Bldg., S. F. Owner's name
omitted. This building will be erected
on the east side of Shattuck street, 9
feet south of Haste, and has been de-
signed for a commercial garage and
storage shop. The building will have
a width of 45 feet and a depth of
100 feet. Interior will be finished in
oak. Plans provide for metal window
sills and frames. Exterior will be
finished with pressed brick. A cement
floor will cover the entire area. Plans
now nearly complete and figures well
advanced.

BRICKTON, SAN JOAQUIN CO., CAL.
Buildings, 2 1-story frame, \$1,000
each. Arcs flat, none. Owners, J.
125 East Lindsay at E. G.
Both of these buildings have
designed for private garages and
erected in the rear of the res-
sive owners' residences. Cement
will be used in each. Exteriors
will be covered with rustic. Plans
complete and the work will be done
by Labor.

GOVERNMENT WORK AND
SUPPLIES.

Canal Circular 802.

An advertisement appears elsewhere in this issue calling for bids to be received by October 20, under circular 802, for procuring certain equipment for the La Flores water purification plant. Included are cast-iron pipe, fittings, miscellaneous special parts, hydraulic and miscellaneous valves and gate effluent valves, filter-operating tables and equipment, venturi meters, miscellaneous rivetized iron, brass, and vitreous enamel fittings and fittings, structural steel, and copper ventilators.

Each bid item may be bid upon as a lump sum or separately under subdivisions A and B, inclusive, as follows:

Subdivision A—Pipes and fittings, miscellaneous special cast-iron parts, including sprinkling nozzles, manhole frames, etc. Under this heading the contractor will be required to furnish the piping and the valves on all of the top. He will also furnish gaskets of high-grade rubber, and gaskets to be accepted. All pipes and fittings, whether flanged or not, shall be designated for class A

—diver the gate valves and one for the valves and gates. In general, gate valves shall be iron body, hand-mounted, double disc, wedge design for 50 pounds per sq. in. working pressure. Hydraulic valves shall be designed for operation at water pressure with control valves placed

operating table. The sluice gates are to be 36 inch. The miscellaneous screw gate and globe valve shall be standard, non-rising stem, right hand, designed for 100 pounds pressure. Pressure reducing valves are to be 6 inch and 1 inch. Design to take air at 110 pounds. Swinging check valves to be 16 inch. The 16-inch gate valves to be any standard, cast-iron body, bronze mounted, double disc, stem rising, bell end gate valve, designed for 50 pounds per square inch pressure.

C.—The 14 special effluent controllers consist in general of a bronze piston and cylinder with frame, bronze orifice, copper float and returning device for the 4-way valve.

D.—The 14 filter operating tables required shall be any standard so-called filter operating table, constructed throughout of high-grade black slate not less than 1½ inches in thickness, with bevel edges. The tables are to be inclosed on three sides; open on the back and on the bottom, with large slate doors on the front side. Each table to be shipped completely piped up with the necessary table piping and equipped for the different valves.

E.—Venturi meters.—The 30-inch meter shall be register indicator, recorder, type M. The meter described is the one corresponding to those made by the Builders' Iron Foundry of Providence, R. I. Bulletin 75, catalogue 2015, length, 20 feet 10 inches; 1,560 gallons per minute minimum, 20,200 gallons per minute maximum, and shall be furnished complete with tube and all indicating apparatus and stands. The outlet shall be furnished spigot to fit into standard bell for class B cast-iron 30-inch water pipe. The 20-inch meter to be of the same manufacture of the 30-inch, length 14 feet 2 inches, 655 gallons per minute minimum, 9,020 gallons per minute maximum.

F.—Steel pipe, screwed, galvanized, brass pipe, vitrified pipe, brass and malleable iron fittings, pipe railings, and filter strainers. All steel galvanized pipe shall be standard, lap welded, screw pipe, designed for 100 pounds pressure. Strainer pipes and strainers are to be installed on the floor of each filter.

G.—Structural steel, including floor girders, rolled shapes, and miscellaneous small parts.—All structural steel girders and rolled shapes to be furnished in accordance with the different detailed drawings. All steel shall come without being painted. Character of steel to be in accordance with I. C. C. specifications 252 and fabrication in accordance with specifications 254.

H.—Copper ventilators for roof.—To be in accordance with and similar to ventilators made by the Royal Ventilator Co. of Philadelphia. Twelve of the ventilators shall have their bottom neck diameter 24 inches, made of copper throughout, furnished without damper, set of ridge of the roof and under ½ inch thick red tile slate laid on 2-inch concrete base. Twelve-inch ventilators to be of the same general specifications as the 24-inch. Sixteen-ounce copper to be used on both sizes of ventilators.

All of the material listed in the schedule and as specified will be required at the earliest date practicable.

Fresno, Cal., Freight Lift.

As previously reported, the contract

for the installation of a new hoistway and freight lift in the U. S. post office, Fresno, Cal., was awarded to the Otis Elevator Co. at \$4,771. In the prosecution of the work elevator machine, motor, and controller manufactured by the Otis Elevator Co. will be used.

Kitchen at Mare Island.

Bids are to be opened on November 1 at the bureau of yards and docks, Navy Department, in accordance with advertisement appearing elsewhere in this issue for an addition to the kitchen at the U. S. Marine barracks, Mare Island, Cal. The building shall be of brick with concrete foundation and floor and steel and wood framing. Roof shall be covered with wood sheathing and built-up asbestos roofing. Concrete floor shall rest on earth or gravel fill, the fill to be puddled so as to properly set before concrete floor is placed thereon. The general dimensions of the building shall be as follows: 31 feet 1½ inches wide, 54 feet 8 inches long, and about 18 feet from grade to top of wall.

Coaling Plant, Pearl Harbor.

The time for opening bids for structural steel work for coaling plant at Pearl Harbor, Hawaii, has been postponed from October 18 to November 1.

Magazine Building, Pearl Harbor.

The contract for the construction of seven magazine buildings at Pearl Harbor, Hawaii, under bids opened at the bureau of yards and docks, has been awarded to the Lord-Young Engineering Co., of Honolulu, Hawaii, at \$109,400.

Pearl Harbor Dry Dock.

Mr. Alfred Noble, of New York City, a civil engineer who is making a report to the Navy Department on the condition at the site of the new dry dock under construction at the naval station at Pearl Harbor, Hawaiian Islands, has not submitted his report, as yet, but is expected to do so within a few days. After the dock was partially wrecked in February Mr. Noble went to the Hawaiian Islands and examined the foundations and gave a preliminary report that the construction of a graving dock upon the site was feasible. It is expected he will now give a detailed account of his investigation and submit recommendations for the reconstruction of the dock. These recommendations will be submitted direct to the Secretary of the Navy.

Portland, Ore., Stone, Etc.

The following bids were received by the light house inspector, Portland, Ore., for supplying and placing stone at Mulkitee Point Light Station.

Sam McGee, Port Townsend, Wash., \$1,560.

American Pile Driving Co., Everett, Wash., \$1,248.

J. M. Capp, Seattle, Wash., \$1,128; accepted.

Puget Sound, Storehouse.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing a bag factory and storehouse at the U. S. naval magazine, Puget Sound, Wash.:

Item 1. Net price for building complete, in accordance with plans and specification, 8 bays, each 20 feet long.

Item 2. Net price for building 7 bays long; otherwise complete in accordance with plans and specification.

Item 3. Net price for building 6 bays long; otherwise complete in accordance with plans and specification.

Item 4. Net price for building 5 bays long; otherwise complete in accordance with plans and specification.

Item 5. Net price for building 4 bays long; otherwise complete in accordance with plans and specification.

Puget Sound Bridge and Dredging Co., Seattle, Wash., item 1, \$20,280; 2, \$18,200; 3, \$16,100; 4, \$14,000; 5, \$12,100.

Callag & Levergreen, 811 20th street, Seattle, Wash., item 1, \$20,950; 2, \$18,175; 3, \$16,375; 4, \$14,525; 5, \$12,925.

Charles H. Scharf, 721 21st avenue, Seattle, Wash., item 1, \$20,750; 2, \$18,950; 3, \$17,170; 4, \$15,400; 5, \$13,640.

Ben R. Sundell, 1514 5th avenue, Seattle, Wash., item 1, \$18,850; 2, \$16,900; 3, \$14,965; 4, \$13,298; 5, \$12,256.

Pearson Construction Co., 754 New York Bldg., Seattle, Wash., item 1, \$20,685; 2, \$18,677; 3, \$16,857; 4, \$14,977; 5, \$13,897.

Walter, White & Walter, Seattle, Wash., item 1, \$24,032.95; 2, \$22,296; 3, \$19,636; 4, \$17,428; 5, \$15,294.

Carlson & Son 619 31st avenue N., Seattle, Wash., item 1, \$21,025; 2, \$18,953; 3, \$16,880; 4, \$14,867; 5, \$12,734.

Wm. J. Henry, 4255 Woodland Park avenue, Seattle, Wash., item 1, \$22,531; 2, \$20,762; 3, \$18,993; 4, \$17,224; 5, \$15,455.

W. N. Concanon Co., Monadnock Bldg., San Francisco, Cal., item 1, \$23,746; 2, \$21,546; 3, \$19,346; 4, \$17,146; 5, \$14,946.

Erickson & Larson, 5011 Meridian avenue, Seattle, Wash., item 1, \$24,686.10; 2, \$22,405.20; 3, \$19,643.10; 4, \$16,881; 5, \$14,384.70.

W. W. Hunter, 513 20th avenue N., Seattle, Wash., item 1, \$21,627; 2, \$19,958; 3, \$17,863; 4, \$15,786; 5, \$13,855.

L. R. Ellis, 335 Central Bldg., Seattle, Wash., item 1, \$19,351; 2, \$17,517; 3, \$15,753; 4, \$13,889; 5, \$12,159.

Pearl Harbor H. T., Marine Barracks.

The following bid was received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for the construction of double quarters at the marine barracks, U. S. naval station, Pearl Harbor, H. T.:

Item 1, work complete; 2, work complete, substituting terra cotta block for concrete for walls and partitions; 3, add or deduct from item 1 or 2 for substituting concrete for wood balustrades; 4, add or deduct from item 1 if double hung windows be made casement windows; 5, deduct from item 1 or 2 for omitting fire places and fire place chimneys; 6, deduct from item 1 or 2 for omitting screens; 7, deduct from items 1 or 2 for omitting blinds; 8, deduct from items 1 or 2 for substituting cedar shingles for asbestos; 9, add to items 1 or 2 for painting unpainted plaster walls with one coat of sizing and two coats of flat paint.

Spalding Construction Co., Chamber of Commerce Bldg., Portland, Ore., item 1, \$18,720; 2, no change; 3, add \$100; 1, deduct \$100; 5, deduct \$250; 6, deduct \$250; 7, deduct \$100; 8, deduct \$100; 9, add \$100.

Transformers, San River Project.

The following bids were opened under advertisement 229, by the U. S. Reclamation Service, Los Angeles, Cal.,

for transformers for the San River project:

Item 1, 2 25-K. V. A. transformers; 2, alternative, do. 30-K. V. A.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., item 1, \$301.52, at Fort Wayne, and \$334.80, San Francisco, weight 1,148 pounds each; 2, \$362.63, Fort Wayne, and \$380.70, San Francisco, weight 1,434 pounds.

Crocker-Wheeler Co., Los Angeles, Cal., item 1, \$350.10, at San Francisco, weight 1,050 pounds.

General Electric Co., Los Angeles, Cal., item 1, \$369, weight 1,265 pounds; 2, \$421, weight 1,515 pounds; delivery at either San Francisco or Portland.

Westinghouse Electric & Mfg., Co., Los Angeles, Cal., item 1, \$369.36, weight 1,081 pounds; 2, \$421.80, weight 1,195 pounds; delivery, Seattle.

Allis-Chalmers Co., Los Angeles, Cal., item 1, \$370, weight 1,000 pounds; delivery at Portland.

Work for Navy Yards.

Secretary Daniels has under consideration a plan by which he hopes to induce all the executive branches of the government to send to navy yards the work of repairing all types of floating craft possessed by the government, including the construction of such vessels. He takes the position that it is exceedingly important that the various naval stations, since they are essential auxiliaries to the fleet, should be kept in as high a state of efficiency as the battleships themselves. As far as it is within their power to contribute to naval efficiency, therefore, every executive department of the government possessing floating craft should be in accord in establishing the policy of directing that all work upon floating craft possessed by such executive department should be done at a navy yard. When there is considered the number of revenue cutters, transports, lightships, tugs, barges, etc., that the several executive departments possess, it becomes evident that the construction and repair of these craft constitute a logical and necessary employment for the force of mechanics essential to the efficiency of the operation of our naval stations as auxiliaries to the fleet, and the failure to give continuous employment at these stations to a limited number of skilled mechanics may seriously impair their usefulness for times of emergency. In the operation of the Panama Canal it will be found necessary to continuously call for the construction of tugs, dredges, barges, and colliers. There will also be a large demand for various standard engineering, mechanical and electrical appliances, and considerable of this work could be and should be done at our navy yards and particularly at the southern naval stations. It is extremely probable that if there was assigned to our various naval stations this additional government work there would not only result a marked decrease as regards the cost of making repairs to hull and machinery of all floating craft, but the military efficiency of the stations for emergency conditions would greatly be promoted, for it is the lack of continuous work at certain stations that now constitutes an almost insuperable barrier to efficient and well-rounded development.

Ventilators, Burley Substation.

Bids were opened by the U. S. Reclamation Service, Los Angeles, Cal., for ventilators for the Burley substation, Minidoka project, Idaho, as follows:

California Cornice Works, Los Angeles, Cal., \$150.

American Cornice Works, Los Angeles, Cal., \$223.50.

City Cornice Works, Los Angeles, Cal., \$285.

Shipping point for all bidders, Los Angeles.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Mare Island Kitchen, November 1.

John Douglas Co., Washington, D. C.

Pearl Harbor, Coal Plant, November 1.

Belmont Iron Works, Philadelphia, Pa.

Treadwell Construction Co., Midland, Pa.

Prospective Bidders — Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Casper, Wyo., Construction, October 24.

Robert L. La Fontaine, Cheyenne, Wyo.

W. D. Lovell, 1415 8th street south-east, Minneapolis, Minn.

J. H. Wiese, City National Bank Building, Omaha, Neb.

J. H. Fennay Co., Douglas, Wyo.

J. F. Jenkins & Co., Ocala, Fla.

King Lumber Co., Charlottesville, Va.

Douglas, Wyo., Construction, Oct. 29.

King Lumber Co., Charlottesville, Va.

Trinidad Head Light-station, Dwelling.

The following bids were opened by the light house inspector, San Francisco, Cal., for an addition to the Trinidad Head dwelling:

Mercer & Fraser Co., \$2,700; no certified check

Stenfort & Bromble, \$2,106.55.

Anderson & Olsen, \$2,350.

Geo. F. Hill, \$2,365.

Portland, Ore., Repairing Buoys.

The following bids were received by the light house inspector, Portland, Ore., for repairing iron buoys at Tongue Point Depot:

Scow Bay Iron and Brass Works, \$1,196.

Astoria Iron Works, Astoria, Ore., \$1,073; accepted.

Riverside, Cal., Furniture.

The contract for installing furniture in the U. S. post office, Riverside, Cal., has been awarded to J. E. Sjonstrom at \$870.20.

FORT MASON, CAL.—Sewer and road work. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government.

Plans have been completed by the Constructing Quartermaster's office at Fort Mason for a new sewer system, which will be constructed at that post.

The wharf at Fort Baker will undergo entire reservation, and will cost in the neighborhood of \$10,000. Bids will shortly be called.

The wharf at Fort Baker will undergo temporary repairs. Plans have been prepared for the complete overhauling of this structure, but only temporary repairs will be made at this time.

Work on the road system at Fort Mason has been begun in earnest. Oiled macadam will be used throughout, hard red rock will be used for the top screening and Angel Island rock for the bottom course. A large amount of road oil and equipment will be required.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Municipal auditorium, 3 story and base. Class A construction, \$1,000,000. Architects, Palmer and Hornbostel, New York associated. J. J. Donovan Security Bank Bldg., Oakland. Owners, City of Oakland. Bids for the general construction of this building were opened on October 9th. Twelve alternate propositions were considered. A complete list of the bids as presented appears under the

Puget Sound, Gas Recorders, Etc.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for furnishing blue gas recorders and thermometers at the navy yards, Mare Island and Puget Sound:

Item 1, Net price for the CO₂ recorder equipment as specified in paragraph 19, complete, in accordance with the plan and specification.

Item 2, Net price for the recording thermometer equipment as specified in paragraph 20, complete, in accordance with plan and specification.

Item 3, Net price for the CO₂ recorder equipment conforming to the spirit of the specification, but with such modifications of details as are distinctly specified and described in the proposal.

Item 4, Net price for the recording thermometer equipment conforming to the spirit of the specification, but with such modifications of details as are distinctly specified and described in the proposal.

The Bristol Co., Waterbury, Conn., item 4, \$833.21.

The Uehling Sales Co., 95 Liberty street, New York City, item 1, \$4,795; 2, with 8-inch chart, \$826; with 12-inch chart, \$945.

H. & M. Division Taylor Instrument Co., Washington, D. C., item 4, \$800, alternate, \$636.

The Schaeffer & Budenberg Mfg. Co., Brooklyn, N. Y., item 2, \$826; 3, \$875; 4, \$945; alternate, \$756, for delivery only.

Precision Instrument Co., 102 Randolph street, Detroit, Mich., item 1, \$3,300.

Motor, San River Project.

Abstract of bids under advertisement 233, for 5-H. P. motor for San River project, opened at Los Angeles:

Item 1, weight; 2, price.

Allis-Chalmers Mfg. Co., Los Angeles, Cal., item 1, 370 pounds; 2, \$83.60.

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., item 1, 385 pounds; 2, \$93.

Crocker-Wheeler Co., Los Angeles, Cal., item 1, 408 pounds; 2, \$94.65.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., item 1, 370 pounds; 2, \$95.

Wagner Electric and Mfg. Co., Los Angeles, Cal.; item 1, 440 pounds; 2, \$98.20.

heading of Oakland and Alameda County in this issue.

OAKLAND, CAL.—City hall cabinet work and interior painting. Cost not stated. Architects, Palmer and Hornbostel, New York associated with J. J. Donovan, Security Bank Bldg., Oakland, Owners, City of Oakland. Bid for the cabinet work and for interior painting were opened on October 20th. Three alternate propositions were considered by the City Council. The lowest bid for the painting was received from D. Zelinsky of S. F. A complete list of all figures received appears under the heading of Oakland and Alameda County in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$70,000. Architects, Smith and Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of Ellis street east of Mason and will have a frontage of 50 feet and a depth of 137½ feet. Besides the hotel entrance and lobby plans provide for a store on the first floor. Upper floors will be divided in a large number of single rooms all having private baths. Interior will be finished in pine and redwood with some hardwood and ornamental plaster in the lobby. Marble and tile will be used in the entrance. Both rooms will have cement floors and tile wainscot. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water plant. Exterior of the building will be faced with pressed brick. Plans are complete and figures will shortly be called.

PORTLAND, ORE.—Hotel, 2 story and base, brick and steel, \$35,000. Architect, Robert F. Tegen, Morgan Bldg., Portland. Owner, A. L. Parkhurst. The building has been designed with stores on the first floor and a number of guest rooms on the upper floor. Foundations and walls are heavy enough to carry an additional story. Plans provide for steam heat and a hot water system. Interior will be finished in pine and redwood. Stores will have patent fronts and plate glass windows. A marble base will be used. Exterior of the building will be faced with pressed brick. Plans are being figured.

Contracts Awarded.

PORTLAND, ORE.—Hotel, 3 story and base, brick and steel, \$50,000. Architect, A. C. Ewart, Be k Bldg., Portland. Owner, J. M. James. Contractor, A. C. Maher, Builders' Exchange, Portland. Contract price, \$50,000.

FRESNO, FRESNO, CAL. Hotel, 2 story and base, brick, \$20,000. Architects, Swartz-Holmes and Swartz, Rowell Bldg., Fresno. Owner, C. W. Musick. Contractor, D. A. Ryan, Fresno. Contract price, \$20,000.

OAKLAND, CAL.—Hotel, 6 story and base, brick and steel, \$30,000. Architect, William Muller, Alameda Bldg., Oakland. Owner, Mr. J. J. Jones. Contractor, E. Anderson, San Francisco. Note—Mr. Anderson's bid for the building, including elevator work, heating, plumbing, painting or electric work.

HOSPITALS.

SAN FRANCISCO—Hospital, grades and linoleum. Cost not stated. Architect, City Department of Agriculture,

Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for furnishing door and window shades and linoleum for the eight principal buildings in the new San Francisco City Hospital show D. N. and E. Walter low. A complete list of these figures appear under the heading of San Francisco in this issue.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Plumbing, sewer, water and gas pipes. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the plumbing and installation of sewer, water and gas pipes in the Fine Arts Building have been completed and approved. Bids will be opened by the Buildings and Grounds Committee on October 25th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Sheet piling bulkhead. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on October 16th for a sheet metal piling bulkhead. Plans for the work can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Subfigures on mill work. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Lange & Bergstrom, 207 Sharon Bldg., S. F. This firm has contracts for three exhibit buildings—the Agriculture Building, the Transportation Building and the Educational Building. They are now in the market for a large amount of mill work and will take figures at once.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, none. Owner, O. C. Holt, 269 14th avenue, S. F. The house will be erected on Santa Barbara street in St. Francis Wood, and has been designed to contain eight rooms and two baths. Interior finish will be largely of pine with some hardwood veneer and floors. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have composition floors and the wainscot will be used in both bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, W. R. Kenny, 430 Argente Avenue, S. F. The house will consist of six rooms and bath. All interior finish will be of pine or redwood. The wood floors will be used in the living room and dining room. There will be a large open fire place in the living room with brick mantle. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and shiplap.

Plans are complete and the owner is now purchasing all materials. Work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Edward Bull. This dwelling has been mentioned here before when working drawings were first started. The house will be erected on Ashbury street near Frederick, and will contain eleven rooms, three baths and a sleeping porch. A garage will occupy the basement. Interior finish will be of pine and veneer hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, A. Howard Peterson 717 Mills Bldg., S. F. Owner, Alfred Kohn. The house will be erected on San Fernando Way in St. Francis Wood, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, Emil Nelson, 580 Jersey street, S. F. The dwelling, which has been designed for a seven-room house, will be erected on 16th avenue south of Anza street. Interior finish will be of pine and elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantle. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,500. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, A. C. Smith. This house will be erected in St. Francis Wood, and has been designed to contain eight rooms, bath and sleeping porch. All interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids will be called for at once.

SAN FRANCISCO—Residence 2 story and base, frame, \$12,000. Architect, Fred B. Wood, 2211 Steiner street, S. F. Owner, Attorney Cobb. The house will be erected in the Marine View district, and will be designed to contain in the neighborhood of ten rooms, several baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine, hardwoods and white enamel. Hardwood doors will be used throughout. There will be a central heating system, probably hot water. Open fire places will be used with tile and brick mantels. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence 2 story and base, frame, \$5,000. Architect, Leonard, Puelan Bldg., S. F. Owners, Urban Realty Co. This house will be erected in Ingleside Terrace and has been designed to contain seven rooms, bath and sleeping porch. All interior finish will be of pine and redwood. Hardwood doors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence 2 story and base, frame, \$6,000. Architect, A. Howard Peterson, Mills Bldg., S. F. Owner, Louis L. Bondell. The house has been designed for a seven-room dwelling with bath and sleeping porch, and will be erected in St. Francis Wood. Interior finish will be largely of pine with some hardwood in the living room and dining room. Hardwood doors will be used throughout. Plans provide for furnace heat. Open fire place will be used in the living room with a large brick mantel. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence 2 story and base, frame, \$1,500. Architect, none. Owner, A. R. Latham, 1833 McAllister street, S. F. The house will contain six rooms and bath. All interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be an open fire place and tile mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,500. Architect, E. B. Hurt, 521 Cottage avenue, Oakland. Owner, George A. McKerton. The dwelling, which has been designed for a seven-room house, will be erected on Rand street, and will contain besides the living rooms, two of them and sleeping porch. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in

the principal rooms. There will be furnace heat. Open fire places will be used in the living and dining rooms. Mantels will be of tile or brick. Bath rooms will have composition floors and tile wainscot will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster. Bids are now being taken on revised plans.

OAKLAND, CAL.—Bungalow, 1 1/2 story and base, frame, \$3,000. Architect, Leonard H. Ford, 2136 Center St., Berkeley. Owner, W. P. Roe. The house will contain seven rooms and bath, and will be erected on College avenue. Interior finish will be of pine and redwood. Hardwood doors will be used in the living and dining rooms. A large open fire place and tile mantel will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. A. J. Larkey. The house, which has been designed for an eight-room dwelling with baths and sleeping porch, will be erected in the Crocker Highlands Tract. Interior finish will be of pine, redwood, white enamel and hardwood. Hardwood doors will be used in the principal rooms. Plans provide for furnace heat. Open fire places will be used in the living room and dining room. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been revised and new figures are now being taken.

OAKLAND, CAL.—Bungalow, 1 1/2 story and base, frame, \$3,500. Architect, A. Howard Peterson, Mills Bldg., S. F. Owner, John G. Sjolberg. The house will contain six rooms, bath and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick or tile. Hardwood doors will be used in the living room, dining room and reception hall. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owners, Harold Havens Co. The house has been designed to contain seven rooms, sleeping porch and bath, and will be erected in North Cragmont. Interior finish will be of pine and hardwood. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Hardwood doors will be used in the living and dining rooms. There will be an automatic water heater. Bath room floor will have composition floor and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Glynn. The house will be erected in Pleasant Valle, Court

and will contain six rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. The work will be carried on by the Home Buyers Syndicate.

BERKELEY, ALAMEDA CO., CAL.—Bungalow and garage, 1 story and base, frame. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Edgar E. Jamison. The house will be erected on Sattuck avenue near Los Angeles, and will contain seven rooms and bath. A frame garage will be erected in the rear. Interior finish will be of pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, C. J. Pfanz, 126 Claremont avenue, Oakland. The house will contain seven rooms and bath, and is to be erected on Grand avenue north of Elwood. Interior finish will be of pine and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame \$1,200. Architect, none. Owner, M. C. Ford, 2311 Russell street, Berkeley. This house will contain seven rooms, bath and sleeping porch, and will be erected on the south side of Ocean drive. Interior finish will be largely of pine and hardwood veneer. Hardwood doors will be used in the living room, dining room and reception hall. Plans provide for furnace heat. Open fire places will also be used. Mantels will be of brick and tile. An automatic water heater will be installed. Composition floor and tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,150. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Ashby. The house will be erected on 81st street, and will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the two principal rooms. A large open fire place and brick mantel will be a feature of the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. The work will be carried

on by Day Labor under the direction of the Home Buyers.

ALAMO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, W. Watson. The house will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantels will be of tile. Tile will be used in the bath room and kitchen. Plans are complete and in the hands of the owner who will take all figures.

RICHMOND, CONTRA COSTA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, C. O. Clausen. The bungalow will contain 6 rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room and dining room. A large open fire place and brick mantel will be used in the living room. Tile will be used in the kitchen and bath room. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and the work is being done by Day Labor.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 3526 Park avenue, Sacramento, 2, 2 story frame dwellings, \$5,500; E. A. Pierce, 3526 Park avenue, Sacramento, 3 1 story frame dwellings, \$9,600; C. H. Chatterton, 3126 T street, Sacramento, 1 story frame dwelling, \$1,300, and Mary Governor, 511 P street, Sacramento, 1 story four room cottage, \$600.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: A. L. Healey, 527 East Anderson street, Stockton, 4, 1 story frame bungalows, \$1,200 each; Edward Cureton, 1128 North Center street, Stockton, 1 story frame cottage, \$1,000; Jerry Metaxis, Stockton, 1 story frame cottage, \$600; H. Hill, 1328 East Channel, Stockton, 1 story frame residence, \$2,000; N. Bacon, 837 North Madison, Stockton, 2 story frame residence, \$2,400, and Dr. F. S. Siuron, Stockton, 1 story frame bungalow, \$2,000.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. F. Bowen, Fresno. Owner, Dr. F. V. Randol. The house will be erected on Carmel street near Olive, and will contain seven rooms and bath. Interior finish will be of pine and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now out for figures.

SELIAMA, FRESNO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. F. Bowen, Fresno. Owner, I. L. Watkins. The house has been designed for a seven-

room residence with bath and sleeping porch. Interior finish will be of pine and some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SCHOOLS

BERKELEY, ALAMEDA CO., CAL.—Fire escapes and plant materials. Cost not stated. Architect, State Engineer, McClure, Sacramento. Owners, State of California. Bids are now being taken for furnishing plant equipment and five ornamental iron fire escapes for the California Institute of the Deaf and Blind at Berkeley. Bids will be opened on October 30th, by the State Board of Control at Sacramento. Plans can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

SUISUN, SOLANO CO., CAL.—School, 2 story and base, reinforced concrete, \$75,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Suisun Union High School District. The building will be practically fireproof and has been designed for a high school. Besides a number of standard size class rooms there will be domestic science rooms and a manual training department. Interior finish will be of pine with maple floors. Plans provide for a central heating system, program clocks and a vacuum cleaning system. Considerable marble and tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on October 15th. Plans and specifications can be secured from the architect. Bids are being taken both as a whole and segregated.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN MATEO CO., CAL.—Highway construction. Cost not stated. Engineer County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans are complete and bids are now being taken for the construction of 1,818 miles of highway in the Second Road District of San Mateo County. Plans and full particulars can be secured from County Surveyor Neuman at Redwood City. An official proposal appears in another column of this issue. Bids will be opened on October 17th.

STORE.

SAN FRANCISCO—Office building, 26 story and base, Class A construction, \$1,200,000. Architects, Willis Polk and Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. Bids are now being taken for the structural steel work on the new Hobart Building which is to be erected on the north side of Market street opposite Second. As soon as a contract is let for this part of the work bids will be called for on the balance of the construction.

SAN FRANCISCO—Stores and lofts, 7 story and base, reinforced concrete. Cost not stated. Architects Reid Bros.,

California-Pacific Bldg., S. F. Owners Sharon Estate. This building, which is to be erected at the corner of Annie and Jessie streets, has been mentioned here before. The structure will cover an area of 78 feet square and will be of fireproof construction throughout. Walls and floors will be of reinforced concrete and interior partitions of metal lath and plaster and hollow tile. Metal window sash and frames will be specified. Plans provide for steam heat and elevator service. The entire structure has been leased to one firm. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores, 2 story and base, brick. Cost not stated. Architects, Camp and De Puy, 426 East Alder street, Portland. Owner, P. L. Leach. The building, which has been designed for an undertaking establishment, will be erected on East Sixth street at the corner of Washington and will cover a ground area of 50 by 50 feet. Interior finish will be of pine and white enamel. Some art glass will be used. Upper floor will be fitted up for living rooms. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

SACRAMENTO, CAL.—Offices, 2 story and base, brick, \$28,500. Architect none. Owners, Sacramento Natural Gas Co. This building will be erected on Second street and will be occupied by the company as a general office. Interior finish will be of pine and hardwood. Floors will be of cement. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

Contracts Awarded.

SAN FRANCISCO—Telephone exchange, 2 story and base, brick and steel, \$27,350. Architect, Engineering Department Pacific State Tel. and Tel. Co., 333 Grant avenue, S. F. Owners, Pacific States Tel. and Tel. Co. Contractors, Matthes and Griffith, Builders' Exchange, S. F. Contract price, \$27,350.

THEATRES.

SEATTLE, WASH.—Theatre and office, 4 story and base, Class A construction, \$300,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex. Pantages. The building will be erected at the corner of 3rd and University streets covering an area of 119 to 120 feet. Construction will be fireproof throughout, the building having a complete steel frame, walls and floors of reinforced concrete and interior partitions of hollow tile and metal lath and plaster. Plans provide for steam heat, a modern ventilating system in the theatre, vacuum cleaning and elevator service in the office section. Metal window sash and frames will be used. Interior will be finished in pine and hardwoods with a large amount of ornamental plaster in the theatre. Marble and tile will also be used. Exterior will be faced with white glazed terra cotta. Plans are complete and figures will be called for shortly. All parts of the work will be segregated.

SPOKANE, WASH.—Theatre, 2 story and base, Class A construction,

\$100,000. Architect, E. W. Houghton, Collins, Bldg., Seattle. Owner, Alex Paulsen, Paulsen Bldg., Spokane. The building will have a complete steel frame sand reinforced concrete walls and floors. Exterior will be faced with cement plaster. The entire building will be devoted to the theatre and will have a seating capacity of 1,200 people. Interior will be finished in pine, hardwoods and ornamental plaster. Plans show steam heat. Considerable tile will be used. Plans are now provided for a modern system of ventilating prepared.

SEALED PROPOSALS.

PROPOSALS FOR CULVERT MATERIAL.

PURSUANT to Resolution No. 6691 N. S., passed October 2nd, 1913, The Council of the City of Oakland will receive sealed bids on Thursday, October 17th, 1913, between the hour of 11 o'clock A. M. and 12 o'clock P. M. of said day for furnishing to the Street Department material for constructing culverts and culvert covers for the remainder of the fiscal year 1913-1914. The successful bidder shall be required to enter into a contract to do said work within ten days after the award thereof. The said work to be done by the successful bidder therefor, in accordance with the plans and specifications therefor adopted October 2nd, 1913, and filed in the office of the City Clerk of the City of Oakland, to which reference is hereby made for full details and description of said work. Said material shall be furnished to the satisfaction and acceptance of the Superintendent of Streets of the City of Oakland.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, for an amount not less than ten (10%) per cent of the aggregate amount of said proposals, which check and the amount therein mentioned shall be forfeited to the City of Oakland should the bidder to whom the contract is awarded fail to enter into the contract as set forth in this notice.

At the same time of the execution of the contract, the contractor shall execute to the City of Oakland and deliver to the City Engineer, the sum of One Thousand Dollars (\$1,000.00) with two sureties to be approved by the Council of the City of Oakland, or the City Engineer, and the Auditor a certified check upon some solvent bank for said amount for the faithful performance of said contract.

Bidders will be furnished blank forms upon application to the City Clerk, and all proposals shall be made on forms so furnished.

The Council reserves the right to reject any and all bids. Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter of the City of Oakland.

By order of the Council of the City of Oakland, FRANK M. SMITH, City Clerk.

NOTICE TO BIDDERS.

OFFICE of the Clerk of the Board of Supervisors, San Mateo County.

Sealed bids will be received by the Clerk of the Board of Supervisors of San Mateo County, at its office until 11 o'clock A. M., Friday, October 17, 1913, for the construction of 1 1/2 miles of highway on what is commonly known as Mission Road to El Camino Real, between the points on said road where the same crosses the City of San Mateo cross rail road and a point where the south A. limits of the City of Hillsborough cross said road, in the Second Road District of said County of San Mateo.

Specifications for this work are on file in the office of said Board, to which bidders are hereby referred.

All bids must be made upon blank form to be obtained at the County Surveyor's office at Redwood City, must give the prices proposed both in writing and in figures, and must be signed by the bidder with his address.

The bid is to be accompanied with a certified check equal to ten (10%) per cent of the total of the bid, under the condition that if said bid shall be ac-

cepted the party bidding will duly enter into the contract and faithfully perform his contract in accordance with the bid and the plans and specifications. Said check to be made payable to said County of San Mateo.

The contractor to whom the contract may be awarded will be required to appear at the office of the County Clerk with the sureties offered by him, and execute the contract within ten (10) days (not including Sunday) from the date of the awarding of the contract, and in case of failure or neglect so to do, he will be considered as having abandoned it, and the check shall be forfeited to the said County of San Mateo.

Bids must be enclosed in a sealed envelope address to the Clerk of the Board of Supervisors and must be endorsed "Bids for Construction of Highway on County Road within the City Limits of the City of San Mateo and the City Limits of Hillsborough."

JOS. H. NASH,

Clerk of the Board of Supervisors of the County of San Mateo.

PROPOSALS.

OFFICE of the BOARD of PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock P. M. and 3 o'clock P. M. on Wednesday, the 22nd day of October, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The concrete work, reinforced concrete and fireproofing for the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made. Bids must be accompanied with five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred and forty (240) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition "A" \$50,000.00.

Proposition "B" \$6,000.00.

Proposition "C" \$60,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate amount of said proposals. Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCH, Secretary.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Public Works in the City of San Francisco, California, at Room 247 Service Building, Chestnut Streets, San Francisco, California, Thursday, October 16, 1913, for Construction and Installing Sheet Piling Work, in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders except that filed with the accepted proposal or a whole check will be returned to the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price, or the same, will be required. The successful bidder must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 115 in the Exposition Building, Pine and Chestnut Streets, San Francisco, California, at 1130 A. M., Thursday, October 23, 1913, for the Installation of the Plumbing, Sewers, Water and Gas pipes for the Exposition Building, in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or a bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price, or the same, will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 247 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR No. 2-Proposals for Furnishing Certain Equipment for the Miraflores Water - Purification Plant. Such as Cast-Iron Pipe, Fittings, Miscellaneous Special Parts, Hydraulic and Miscellaneous Valves and Gates, Effluent Controllers, Filter Operating Tables and Equipment, Centrifugal Motors, Miscellaneous Iron, Brass, and Vitrified Pipe, Railings and Fittings, Structural Steel and Copper Ventilators, Etc.-Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 1030 A. M., October 30, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 2) may be obtained from this office or the general purchasing agent, 1036 North Point Street, San Francisco, Cal. and also from the U. S. engineer offices in the following cities: San Francisco, Los Angeles, Cal.; F. C. ROGERS, major corps engineers U. S. A., general purchasing officer.

PROPOSALS FOR EARTHWORK AND STRUCTURES.

EARTHWORK AND STRUCTURES Department of the Interior, U. S. Reclamation Service, Washington, D. C.-Sealed proposals will be received at the office of the District Engineer, Reclamation Service, Malta, Mont until 2 o'clock P. M., November 12, 1913, for

earthwork and structures, Vandalla South Canal, involving about 180,000 cubic yards of excavation, 2,500 cubic yards of reinforced concrete, the placing of 250,000 pounds of steel reinforcement and the placing in wooden structures of about 130,000 feet, b. m. of lumber. The work is situated on the south side of Milk River adjacent to the main line of the Great Northern Railway in the vicinity of Vandalla, Pamlico and Glasgow, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. A. P. DAVIS, acting director.

PROPOSALS FOR VALVES.

REGULATING VALVES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, California, until 2 o'clock p. m. November 19, 1913, for furnishing four needle regulating valves for Minner's Dam, North Platte Project, Nebraska. For particulars address the United States Reclamation Service, 605 Federal Building, Los Angeles, California, or Washington, D. C. A. P. DAVIS, acting director.

NOTICE TO CONTRACTORS.

Office of the Board of State Harbor Commissioners, Union Depot and Ferry House, San Francisco, Cal., October 9, 1913.

SEALED PROPOSALS or bids will be received at this office at or prior to 11:00 o'clock A. M. on Thursday, October 23, 1913, for furnishing materials and constructing an Engine and Boiler, Lot No. 8, at the water front of the City and County of San Francisco, in accordance with the plans and specifications prepared therefore by the Assistant State Engineer and adopted by the Board July 12, 1913, and on file in this office to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of Portland cement (which will be furnished to the Contractor by the Board), sand, crushed rock, gravel, reinforcing materials, structural steel, bolts, castings, lumber, piles, wood block paving, roofing and painters materials, glass, window frames, doors, etc. All materials used will be subject to a rigid examination and test, and if found defective, undersize, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, and is accompanied by a certified check or cash in advance to five (5) per cent of the amount of the proposal, to be made payable to the order of the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made in that case the amount mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The bond required to be not less than one-half of the total amount of the bid, with two or more sureties to be approved by the Assistant Harbor Commissioners, and conditioned for the faithful performance by the Contractor of all the terms and conditions of said contract according to the true intent and meaning thereof, and the satisfaction of said Board, and said bond shall also be effective as provided in an Act approved May 1, 1911, for the protection of materials, mechanics and laborers.

Bids will not be considered by this Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary at or prior to 11 o'clock A. M. on Thursday, October 23, 1913, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications of this work

to be had at Room No. 18 Union Depot and Ferry House, upon depositing \$20 for same, which amount will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid, "BID FOR ENGINE HOUSE."

J. J. DWYER

THOMAS S. WILLIAMS,

J. H. McCALLUM,

Board of State Harbor Commissioners.

JEROME NEWMAN

Assistant State Engineer.

LEO V. MERLE, JR., Secretary.

Oct 21-1913

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Surveying Architect, Washington, D. C., October 1, 1913.—**SEALED PROPOSALS** will be received at this office until 3 o'clock P. M. on the 30th day of October, 1913, and then opened at 10 o'clock the next day, for the construction of electric passenger elevator, including hoistway, etc., in the United States post office at St. Louis, Mo., in accordance with the drawing and specifications, copies of which may be obtained at this office at the discretion of the Surveying Architect O. WENDELOTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Tuesday, October 22nd, 1913; said bids then and thereafter to be received and read for furnishing all plant, materials and labor for the following work in the State Capitol Building at Sacramento, California, in accordance with the specifications thereto, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

First—For remodeling elevator grilles in the State Capitol Building.

Second—For the construction and erection of two new passenger elevators, with equipment for same, in the State Capitol Building.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any formality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for elevators and grilles in the State Capitol, Sacramento, California."

(Signed) W. F. McCLURE, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Addition to Kitchen" will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 1, 1913, and then and there publicly opened, for addition kitchen at the U. S. marine barracks, Mare Island, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 801-A—Proposals for Steel Ladders, Fire Hydrants, Truck Crows, Frogs and Switch Points and Blacksmith Coal.—Sealed proposals will be received at the office of the general purchasing agent, Indianian Canal Commission, Washington, D. C., until 2:30 p. m. October 14, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and specifications for submitting to this circular (No. 801-A) may be obtained from this office or the office of the assistant purchasing agent, 1056 North Main Street, San Francisco, Cal. F. C. BOGGS,

major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. October 29, 1913, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Douglas, Wyo. The building is two stories and basement and has a ground area of approximately 4,350 square feet, brick and stone facing, slate and composition roof, first floor only of fireproof construction. Drawings and specifications must be obtained from the custodian of the site at Douglas, Wyo., or at this office, in the discretion of the supervising architect, O. WENDELOTH, supervising architect.

PROPOSALS FOR STRUCTURAL STEEL.

STEEL WORK—Sealed proposals indorsed "Proposals for Steel Work, Pearl Harbor," will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 18, 1913, and then and there publicly opened, for structural steel work for coaling plant, naval station, Pearl Harbor, Hawaii. Estimated cost, \$350,000. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

NOTICE TO BUILDERS.

NOTICE is hereby given that the Board of Trustees of the Pacific School District, Sacramento County, California, will receive sealed bids until Thursday, Oct. 16th, 1913, at the office of the County Superintendent of Schools, County House, Sacramento, for the erection of a two-room school building in above-named school district. Plans and specifications must be had at the office of the County Superintendent of Schools. Certified check for ten per cent of the amount must accompany each bid. The Board reserves the right to reject any or all bids. Bids will be opened at office of County Superintendent of Schools, Friday, Oct. 17th at 10 a. m.

PROPOSALS FOR ICE PLANT.

ICE PLANT—Sealed proposals indorsed "Proposals for Building for Ice Plant" will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 1, 1913, and then and there publicly opened, for building for ice-making and cold-storage plant, Naval Station, Pearl Harbor, Hawaii. Estimated cost, \$9,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station, Honolulu, T. H. H. R. STANFORD, chief of bureau, September 11, 1913.

PROPOSALS FOR CANAL WORK.

EXCAVATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Orland, Cal., until 2 a. m. October 15, 1913, for the construction of about six and one-half miles of canal in Colusa County, Cal. The work involves the excavation of about 200,000 cubic yards of material and is situated near the town of Stonyford, about 23 miles from Sies, the terminus of the Colusa and Lake Railroad. For particulars address the United States Reclamation Service, Washington, D. C., or Portland Ore., or Orland, Cal. J. M. McKINNEY, acting director.

PROPOSALS FOR STEEL WORK.

STEEL WORK—Sealed proposals indorsed "Proposals for Steel Work, Pearl Harbor" will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 18, 1913, and then and there publicly opened, for structural steel work for coaling plant, naval station, Pearl Harbor, Hawaii. Estimated cost, \$350,000. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

PLUMBING, SEWER, WATER AND GAS PIPES—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the plumbing and installation of sewer, water and gas pipes in the Fine Arts Building have been completed and approved. Bids will be opened by the Buildings and Grounds Committee on October 23rd. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SHEET PILING BULKHEAD—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on October 16th for a sheet metal piling bulkhead. Plans for the work can be secured from the Director of Works. An official proposal appears in another column of this issue.

SUBFIGURES ON MILL WORK—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Lange & Bergstrom, 207 Sharon Bldg., S. F. This firm has contracts for three exhibit buildings—the Agriculture Building, the Transportation Building and the Educational Building. They are now in the market for a large amount of mill work and will take figures at once.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, none. Owner, H. J. Wyman, 1959 Hayes street, S. F. The building will be erected on Hyde street north of California, covering an area of $37\frac{1}{2} \times 112$ feet. There will be a total of 12 suites arranged in three and four room apartments. Each apartment will have a private bath and will be equipped with a wall bed. Interior finish will be of pine, redwood and elm panels. Some hardwood floors will be used. Plans provide for a hot water system. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

LAUNDRY AND ROOMS—2 story and base. Class C construction, \$11,000. Architect C. O. Clausen, Pökelan Bldg., S. F. Owner, Adolph Schwartz. The building will be erected the south side of Turk street west of Lykin and will have a frontage of 27 feet and a depth of $137\frac{1}{2}$ feet. Entire first floor will be occupied by a laundry. Upper floor will be divided into 14 rooms and several baths. Interior will be finished in pine and redwood. A large amount of special laundry machinery will be purchased. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, L. Traverso, 854 Union street, S. F. Owner,

L. Lombardi. The building will be erected on the south side of Union street east of Kearny and will cover an area of 21 feet 10 inches by 31 feet. A smaller two story structure, also containing flats will be erected in the rear. The main building will contain three five room flats. Interior finish will be of pine and redwood. Terrazzo will be used in the entrance. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with shiplap and brick veneer. Plans are complete and the work will be done by day labor.

FLATS—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Frank J. Egan, 15 Roscoe street, S. F. The building has been designed for a store on the first floor and one flat of six rooms on the upper floor. Interior finish will be of pine throughout. Tile wainscot will be used in the bath room and kitchen. Exterior will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by day labor.

FLATS—3 story and base, frame, \$1,500. San Francisco. Architect, O. E. Evans, 2567 Mission street, S. F. Owner, Minnie Palmer. The building will be erected on the south side of Vallejo street west of Leavenworth and has been designed to contain three modern flats of four and five rooms. Interiors will be finished in pine and redwood with some elm panels. Each living room will have an open fire place. Stock mantels will be used. Tile will be used in the bath rooms and kitchens. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, L. Traverso, 854 Union street, S. F. Owner, P. Braghetta. The building will be erected on the north side of Lombard street west of Powell street and has been designed to contain four flats of four rooms and bath each. The building will cover an area of 30×49 feet. Interior finish will be of pine and redwood. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and shiplap. Plans are complete and in the hands of the owner, who will do the work by day labor. All materials are now being purchased.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, J. Devencenzi, 1009 Union street, S. F. Owner, N. Dentoni. The building will be erected on the south side of Broadway near Wayne Place, covering an area of 25×57 feet. There will be three flats of five rooms and bath. Interior finish will be of pine and redwood with some hardwood floors. Each living room will have an open fire place. Mantels will be stock. Tile wainscot will be used in the bath rooms and kitchens. Entrance will be finished in tile and terrazzo. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by day labor. All

materials are being purchased by the owner.

HOSPITAL SHADES AND LINOLEUM—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for furnishing door and window shades and linoleum for the eight principal buildings in the new San Francisco Hospital show D. N. and E. Walter low. A complete list of these figures appear under the heading of San Francisco in this issue.

HOTEL—6 story and base, reinforced concrete, \$70,000. San Francisco. Architects, Smith and Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of Ellis street east of Mason, and will have a frontage of 50 feet and a depth of $137\frac{1}{2}$ feet. Besides the hotel entrance and lobby plans provide for a store on the first floor. Upper floors will be divided into a large number of single rooms all having private baths. Interior will be finished in pine and redwood with some hardwood and ornamental plaster in the lobby. Marble and tile will be used in the entrance. Bath rooms will have cement floors and the wainscot. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water plant. Exterior of the building will be faced with pressed brick. Plans are complete and figures will shortly be called.

OFFICE BUILDING—26 story and base. Class A construction, \$1,200,000. San Francisco. Architects Willis Polk and Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. Bids are not being taken for the structural steel work on the new Hobart Building, which is to be erected on the north side of Market street, opposite Second. As soon as a contract is let for this part of the work bids will be called for on the balance of the construction.

STORES AND LOFTS—7 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Sharon Estate. This building, which is to be erected at the corner of Annie and Jessie streets, has been mentioned here before. The structure will cover an area of 78 feet square and will be of fireproof construction throughout. Walls and floors will be of reinforced concrete and interior partitions of metal lath and plaster and hollow tile. Metal window sash and frames will be specified. Plans provide for steam heat and elevator service. The entire structure has been leased to one firm. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base, brick and steel, \$100,000. San Francisco. Architects, Dunn and Kearns Monadnock Bldg., S. F. Owners, Geo. M. Censur et al. The building will be erected at the northeast corner of Post and Leavenworth streets covering an area of $62\frac{1}{2} \times 87\frac{1}{2}$ feet. There will be a complete steel frame, contract for which has been awarded. Interior will be arranged for a large number of randomly finished suites ranging from two to five rooms. All apartments will have private entrances, connecting baths and wall beds. Interior finish will be of pine, redwood and hardwood. There will be steam heat, a vacuum cleaning system, elevator service and hot water system. All bath rooms will

have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Segregated figures have been taken and contracts will be awarded at once.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Sacramento street east of Divisadero and has been designed to contain twelve suites of four rooms each. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Baths will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSES—2 5 story and base, brick and steel, \$75,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Shaw. These buildings will be erected on the north side of Bush street, between Hyde and Larkin. Each building has been designed to contain 18 apartments with private bath. The arrangement is such that each suite will have the maximum of light and fresh air. Interior finish will be of pine, elm and redwood. Some hardwood floors will be used. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have cement floors and tile wainscot. The design is in the colonial style, exteriors being faced with red pressed brick trimmed with white stone. The owner's original intention was to cover the entire lot with one building, plans for which were also prepared by Mr. Clausen. Working drawings for the two structures are now nearly complete and work will be started at once under the day labor system, the owner purchasing all materials.

CITY HALL—Class A construction, \$4,500,000. San Francisco. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans for the plain and reinforced concrete work and for all fireproofing on the new City Hall Building have been completed and approved. Bids are now being called for by the Board of Public Works. Bids will be opened on October 22nd. Plans can be secured from the City Department of Architecture. An official proposal appears in another column of this issue.

CARVING AND FINISHING TWO GRANITE PEDIMENTS FOR CITY HALL—Cost not stated. San Francisco. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened for this work show the McGilvray-Raymond Granite Co. low at \$15,931. A complete list of these figures will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, none. Owner, O. C. Holt, 369 14th avenue, S. F. The house will be erected on Santa Barbara street in St. Francis Wood, and has been designed to contain eight rooms and two baths. Interior finish will be largely of pine with some hardwood veneer and floors. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater

will be installed. Bath rooms will have composition floors and tile wainscot will be used in both bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, W. K. Kenny, 430 Arguello Boulevard, S. F. The house will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place in the living room with brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the owner is now purchasing all materials. Work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Edward Hall. This dwelling has been mentioned here before when working drawings were first started. The house will be erected on Ashbury street near Frederick, and will contain eleven rooms, three baths and a sleeping porch. A garage will occupy the basement. Interior finish will be of pine and veneer hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, A. Howard Peterson, 717 Mills Bldg., S. F. Owner, Alfred Kohn. The house will be erected on San Fernando Way in St. Francis Wood, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BUNGALOW—1½ story and base, frame, \$4,000. San Francisco. Architect, none. Owner, Emil Nelson, 580 Jersey street, S. F. The dwelling, which has been designed for a seven room house, will be erected on 16th avenue south of Anza street. Interior finish will be of pine and elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$7,500. San Francisco. Archi-

tect, Albert Farr, Foxcroft Bldg., S. F. Owner, A. O. Smith. This house will be erected in St. Francis Wood, and has been designed to contain eight rooms, bath and sleeping porch. All interior finish will be of pine and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids will be called for at once.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architect, Fred B. Wood, 2211 Steiner street, S. F. Owner, Attorney Cobb. The house will be erected in the Marine View district, and will be designed to contain in the neighborhood of ten rooms, several baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used throughout. There will be a central heating system, probably hot water. Open fire places will be used with tile and brick mantels. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. This house will be erected in Ingleside Terrace, and has been designed to contain seven rooms, bath and sleeping porch. All interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, A. Howard Peterson, Mills Bldg., S. F. Owner, Louis L. Bondell. The house has been designed for a seven-room dwelling with bath and sleeping porch, and will be erected in St. Francis Wood. Interior finish will be largely of pine with some hardwood in the living room and dining room. Hardwood floors will be used throughout. Plans provide for furnace heat. Open fire place will be used in the living room with a large brick mantel. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. R. Lapham, 1835 McAllister street, S. F. The house will contain six rooms and bath. All interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be an open fire place and tile

mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

FIRE HOUSE—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Assistant State Engineer, Ferry Bldg., S. F. Owners, State Board of Harbor Commissioners. Plans have been completed and approved by the State Board of Control for a reinforced concrete fire house which will be erected on Sea Wall Lot No. 8. The building will cover a large area and will contain a fire station with eight stalls, round house, blacksmith shop and machine shop. Interior will be finished in pine. Cement floor and metal window sash and frames will be used. Exterior will be faced with cement plaster. Bids will be opened by the State Board of Harbor Commissioners on October 23rd. An official proposal appears in this issue. Plans and specifications can be secured from the Assistant State Engineer, Ferry Building.

LANDRY AND ROOMS—2 story and base. Cals C construction \$11,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Adolph Schwartz. The building will be erected on the south side of Turk street west of Larkin, and will have a frontage of 25 feet and a depth of 137½ feet. Entire first floor will be occupied by a laundry. Upper floor will be divided into 14 rooms and several baths. Interior will be finished in pine and redwood. A large amount of special laundry machinery will be purchased. Latent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

WAREHOUSES—2 3 story and base, reinforced concrete, \$160,000. San Francisco. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans are complete and specifications are now being printed for the construction of two large three-story reinforced concrete warehouses which are to be erected by the government at the Army Supply Depot, Fort Mason. Each of these buildings will cover an area of 200 by 60 feet and will be carried on concrete pile foundations. Each building will be equipped with two large electric freight elevators, automatic sprinklers, modern plumbing and electric work, steel rolling doors and metal window sash and frames. Some marble work will be used. Floors have been designed to carry a load of 500 pounds to the square foot. Exteriors will be faced with cement plaster. Mission tile roofs will be used. This work is estimated to cost \$160,000. Bids will be called for shortly.

SEWER AND ROAD WORK—Cost not stated. Fort Mason, Cal. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans have been completed by the Constructing Quartermaster's office at Fort Mason for a new sewer system, which will be constructed at that post. The work contemplated includes the entire reservation and will cost in the neighborhood of \$10,000. Bids will shortly be called. The wharf at Fort Baker will undergo temporary repairs. Plans have been prepared for the com-

plete overhauling of this structure, but only temporary repairs will be made at this time. Work on the road system at Fort Mason has been begun in earnest. Oiled macadam will be used throughout, hard red rock will be used for the top screening and Angel Island rock for the bottom course. A large amount of road oil and equipment will be required.

Contracts Awarded.

TELEPHONE EXCHANGE—2 story and base, brick and steel, \$27,350. San Francisco. Architect Engineering Department Pacific States Telephone and Telegraph Co., 333 Grant Ave., S. F. Owner, Pacific States Tel. and Tel. Co. Contractors, Matthies and Griffith, Builders' Exchange, S. F. Contract price, \$27,350.

Much Government Work To Be Let.

Plans Nearly Ready for Two Large Reinforced Concrete Warehouses at Army Supply Depot.

Engineer O. W. Degen, of the Constructing Quartermaster's office at Fort Mason, has returned from a vacation trip, the greater part of which was spent along the North Fork of the Eel River in Trinity County. Mr. Degen is a student of the period of the cave dwellers and during his vacation he explored the ruins of the early Indian villages and cave dwellings in Trinity County. Four large caves and remarkable acorn floor grinding pots cut out of the solid rock in series of three and more were discovered. Mr. Degen will submit photographs and descriptions of ancient hieroglyphic inscriptions discovered on the moss covered boulders, and supposed to be the mythology of prehistoric Indian tribes, to the University of California.

Two Warehouses.

Since his return Mr. Degen has been very busy and considerable government work will shortly be on the market. Plans are complete and specifications are now being printed for the construction of two large three-story reinforced concrete warehouses which are to be erected by the government at the Army Supply Depot, Fort Mason. Each of these buildings will cover an area of 200 by 60 feet and will be carried on concrete pile foundations. Each building will be equipped with two large electric freight elevators, automatic sprinklers, modern plumbing and electric work, steel rolling doors and metal window sash and frames. Some marble work will be used. Floors have been designed to carry a load of 500 pounds to the square foot. Exteriors will be faced with cement plaster. Mission tile roofs will be used. This work is estimated to cost \$160,000. Bids will be called for shortly.

Sewer and Road Work.

A complete new sewer system is to be constructed at Fort Mason at a cost of approximately \$10,000. It is planned to include the entire reservation and plans will be out for figures within a month.

Work on the new road system at Fort Mason has been started in earnest and a large amount of materials, road oil and equipment will be required. All

roads will be of oiled macadam with hard red rock for top screening and Angel Island rock for the bottom course.

Temporary repairs will be made at once to the Fort Baker Wharf. Plans have been prepared calling for the complete overhauling of this wharf, but only temporary repairs will be made at this time.

Official proposals for all of the above work will be published in the columns of the Daily Pacific Builder.

City Bids Opened.

McGilvray-Raymond Granite Co. Low for Carving Two City Hall Pediments—Other Bids Opened.

Bids were opened at the Wednesday session of the Board of Public Works for shades and linoleum for the eight principal buildings at the San Francisco Hospital and also for carving and finishing two large granite pediments for the City Hall. The McGilvray-Raymond Granite Co. presented the low figure for the latter work, and D. N. and E. Walter were low bidders for the shades and linoleum. Low bidder in each case will probably be awarded the contracts. Following is a list of all figures submitted:

Door and Window Shades and Linoleum, S. F. Hospital.

Prop. No. 1, entire contract; Prop. No. 2, price per square yard for linoleum; Prop. No. 3, unit price per square yard for Duplex shades if specified.

D. N. and E. Walter, Prop. 1, \$16, 036; Prop. 2, \$1.19½ per sq. yd.; Prop. 3, 3 cents per sq. yd.

W. and J. Sloan Co., Prop. 1, \$18,235; Prop. 2, \$1.34 per sq. yd.; Prop. 3, 5 cents per sq. yd.

Carving and Finishing Granite Work on Two Pediments, City Hall.

Donnelly & Ricci\$47,000
McGilvray-Raymond Granite Co. 45,931
Tosi & Avenali

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
3652	Counihan	Com Bldg	8,550
3653	Samuels	Leiter	3627
3654	Kruse	Hamill	3300
3655	Ventura	Langberg	1520
3656	Witfrint Bldg.	Narberury	2600
3657	White	Kern	1700
3658	Rudgear	Anderson	3000
3659	Same	Butte	1050
3660	Same	Lettich	4487
3661	Same	Gen Eng	596
3662	Same	Burns	1650
3663	Same	Karib	3500
3664	Elder	Hangerud	1000
3665	Devenenzi	Devenenzi	12000
3666	Sass	Sass	6000
3667	Lamutti	Lamutti	1000
3668	Cameron	Disston	20000
3669	Scoble	Scoble	5000
3670	Scoble	Scoble	5000
3671	Heiden	McCracken	1700
3672	Nelson	Nelson	2500
3673	Nelson	Nelson	2500
3674	Nelson	Nelson	2500
3675	Nelson	Nelson	2500
3676	Judson	Butte	1200
3677	Reil	Wallen	4500
3678	Michel	Banning	2930
3679	Penez	Daniel	1250
3680	Hmstd Bldg	Grahn	1550
3681	Cardinale	Canessa	1200
3682	McGill	McGill	1600
3683	Foley	Heden	1250
3684	Leste	Narberury	1625
3685	Duncan	Allen	1500
3686	Shnper	Mitrovich	2200
3687	Ulmer	Parry	1400

3688	Tomagnini	100	Cahill	950
3689	Cohn	.....	Federal	450
3690	Nelson	.....	Nelson	2800
3691	Heffernan	.....	Heffernan	1400
3692	Heffernan	.....	Heffernan	1400
3693	Bruce	.....	Bruce	1900
3694	Bahrs	.....	Bahrs	1500
3695	Lirati	.....	Lirati	400
3696	Tesna	.....	Orchard	600
3697	Hancock	.....	Overill	450
3698	Louisa	.....	Becaas	6550
3699	Crocker	.....	Hannah	36895
3700	Starr	.....	Forderer	1517
3701	Same	.....	Pacific Mfg	11500
3702	Same	.....	Fuller	1700
3703	Same	.....	Cramer	2935
3704	Same	.....	Coleman	3270
3705	Same	.....	Sutton	2140
3706	Same	.....	Haus	2200
3707	Same	.....	Musto	1085
3708	Starr	.....	Bulte	6378
3709	Same	.....	Ottis	7000
3710	Same	.....	Larsen	11500
3711	Same	.....	Smith	32200
3712	Barrollhet	.....	Coburn	35200
3713	Kas	.....	Coleman	3100
3714	Swenson	.....	Sunset	4515
3715	Grace Cath	.....	Beach	4515
3716	Sacred Heart	.....	Peterson	457
3717	Same	.....	Peterson	717
3718	P. P. J. Exp.	.....	Dyer	45558
3719	Linom	.....	Evans	2395
3720	Harris	.....	Hansen	10585
3721	Dahl	.....	Dahl	1800

(3652) SE SEVENTEENTH & UTAH.
All work for three-story frame store and apartments.

Owner.....Miss J. Counihan, 1801 18th San Francisco.

Architect...Herbert B. Maggs, 328 Montgomery, S. F.

Contractor..Commercial Bldg. Co.

Filed Oct. 6, '13. Dated Sept. 27, '13.

2nd story joists in place.....\$100.00

3rd story joists in place..... 100.00

Frame up and roof on..... 100.00

Ready for lathing..... 100.00

Window and door casings on. 100.00

Completed and accepted..... 925.50

Usual 35 days..... 2137.50

TOTAL COST, \$5550.00

Bond, Guaranty bond in favor of owner, Sureties, Christene Blake and A. J. Bluhn. Limit, Dec. 20. Forfeit, \$5. Plans and specifications filed.

(3653) NW O'FARRELL & STOCKTON N 137-6xW 137-6. Alterations to show windows in three-story and basement Class "A" building.

Owner.....D. Samuels Co., Premises.

Architect...Henry H. Meyers, Kohl Bldg., San Francisco.

Contractor...E. T. Leiter & Sons, Inc., 180 Jessie, San Francisco.

Filed Oct. 6, '13. Dated Sept. 30, '13.

Completed and accepted.....\$2720

36 days after..... 907

TOTAL COST, \$3627

Bond, \$1814. Surety, Globe Indemnity Co. Limit, 10 days after Oct. 27. Forfeit, \$20. Plans and specifications filed.

(3654) S CLEMENT 82-6 W 23rd Ave W 25xS 100. All work except shades, gas and electric fixtures for two-story frame store and flat.

Owner.....Frederick Kruse, Premises

Architect...None.

Contractor...Thos. Hamill, 268 25th Ave San Francisco.

Filed Oct. 6, '13. Dated Oct. ____.

Frame up\$825

Brown coated 825

Completed and accepted..... 825

Usual 35 days..... 825

TOTAL COST, \$3200

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(3655) LOT 145 DE-MARTINI TRACT. Concrete, mill, tinning, plumbing, carpenter, lath and plaster, painting, hardware and glazing for frame cottage.

Owner.....Tommaso Ventura.

Architect...None.

Contractor..Lindberg Bros.

Filed Oct. 6, '13. Dated Sept. 4, '13.

Rafters on\$380

Brown coated 380

Completed and accepted..... 380

Usual 35 days..... 380

TOTAL COST, \$1520

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

(3656) SW OREGON AND EAST W

53-4 S 30 E 75 m or 1 N 37 m or 1 to

beg. All work for one-story Class,

"C" store building.

Owner.....Waterfront Realty Co., 126

Post, San Francisco.

Architect...O'Brien Bros., Inc., Clunie

Bldg., San Francisco.

Contractor..J. Narbebury.

Filed Oct. 6, '13. Dated Oct. 6, '13.

Brick work scaffold high.....\$650

Building roofed and plumbing

roughed in 650

Completed and accepted..... 650

Usual 35 days..... 650

TOTAL COST, \$2600

Bond, \$1200. Surety, The Title Guaranty & Surety Co. Limit, 45 days after Oct.

9. Forfeit, none. Plans and specifications filed.

(3657) N CALIFORNIA bet Pierce and

Scott 35x12-6. No. 2626 California.

All work for one-story frame studio building.

Owner.....Marion B. White.

Architect...C. C. Dakin, 268 Market, San Francisco

Contractor...L. A. Kern, 3646 17th, S. F.

Filed Oct. 6, '13. Dated Sept. 6, '13.

Roof boarding on.....\$637.50

Completed and accepted..... 637.50

Usual 35 days..... 425.00

TOTAL COST, \$1700.00

Bond, none. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(3658) S BUSH 183-4 E Stockton E 31-8xS 126. Mill work for building.

Owner.....Mrs. A. Rudgear, Cort Hotel, San Francisco.

Architect...Edward T. Foulkes, Crocker Bldg., San Francisco.

Contractor..Anderson Bros., 2399 Powell, San Francisco.

Filed Oct. 6, '13. Dated Sept. 11, '13.

On or before 10 of each month. 75%

Usual 35 days..... 25%

TOTAL COST, \$3000

Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3659) ELECTRIC WIRING ON ABOVE

Contractor..Butte Eng. & Elec. Co., 683 Howard, San Francisco.

Filed Oct. 6, '13. Dated Sept. 11, '13.

Payments same as above.....

TOTAL COST, \$1050

Bond, \$525. Surety, National Surety Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3660) PLUMBING DRAINING AND gas fitting on above.

Contractor..Antone Lettich, 112 Irving San Francisco.

Filed Oct. 6, '13. Dated Sept. 15, '13.

Payments same as above.....

TOTAL COST, \$4487

Bond, \$2344. Sureties, J. H. Wright and K. W. Kinney. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3661) HEATING ON ABOVE.

Contractor..General Eng. Co., 281 Natoma, San Francisco.

Filed Oct. 6, '13. Dated Sept. 16, '13.

Payments same as above.....

TOTAL COST, \$596

Bond, \$298. Surety, Maryland Casualty Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3662) PAINTING ON ABOVE.

Contractor..Burns Bros., 725 Webster, San Francisco.

Filed Oct. 6, '13. Dated Sept. ____.

Payments same as above.....

TOTAL COST, \$1650

Bond, \$825. Surety, Fidelity & Deposit Co. of Maryland. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3663) PLAIN AND ORNAMENTAL plastering on above.

Contractor..Paul I. Karib.

Filed Oct. 6, '13. Dated Oct. 1, '13.

Lathing completed\$800

Brown coated 800

Completed and accepted..... 800

Usual 35 days..... 900

TOTAL COST, \$3200

Bond, \$1650. Surety, California Lime & Hydrate Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(3664) NO. 239 GRANT AVE Minor repairs in store.

Owner.....Paul Elder Co., Premises.

Architect...Houghton Sawyer, Shreve Bldg., San Francisco.

Contractor..Hangerud & Hustvedt, 2216 Folsom, San Francisco.

COST, \$1000

(3653) N UNION 23 E Leavenworth. Three-story and basement frame (12) tenements.

Owner.....Devencenzi Bros., 1609 Union, San Francisco.

Architect...J. Devencenzi, 1069 Union, San Francisco.

Contractor..Devencenzi Bros. & Co.

COST, \$12,000

(3666) E ST. ANNE PLACE 118-7½ N Pine. Three-story and basement Class "C" loft.

Owner.....Henry and Helen Sass, 972 Dolores, San Francisco.

Architect...None.

Contractor..Sass & Son, 648 California, San Francisco.

COST, \$5000

(3667) W VERMONT 50 N 20th. One-story and basement frame residence.

Owner.....Peter Lamutti.

Architect...None.

Day's work. COST, \$1000

(3668) W HYDE 350 S Post. Three-story and basement brick (4) apartments.

Owner...Cameron & Disston, 831 Hearst Bldg., S. F.

Architect...Louis M. Gardner, 740 Phelan Bldg., S. F.

Day's work. COST, \$20,000

(3669) E TWENTY-FIFTH AVE 310 N Lake. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$5000



NEW HIGH SCHOOL AT WOODLAND
Yolo County, Cal.

W. H. Weeks, Architect
San Francisco



NEW BANK & COMMERCIAL BUILDING FOR RIVERBANK LAND CO.
Riverbank, Stanislaus County, Cal.

C. H. Russell, Architect.
San Francisco

(3670) E TWENTY-FIFTH AVE 264 N Lake. Two-story and basement frame residence.
Owner.....Thos. Scoble, 363 14th Ave., San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work COST, \$5000

(3671) NO. 44 GLOVER. Add one-story frame.
Owner.....Geo. Heiden, Premises.
Architect...None.
Contractor...H. W. McCracken, 64 Glover, San Francisco.
COST, \$1700

(3672) E SIXTEENTH AVE 200 N California. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work COST, \$2500

(3673) E SIXTEENTH AVE 75 N California. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work COST, \$2500

(3674) E SIXTEENTH AVE 100 N California. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work COST, \$2500

(3675) E SIXTEENTH AVE 225 N California. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work COST, \$2500

(3676) — ELLIS W OF MASON. Electrical wiring for seven-story and basement hotel building.
Owner.....Chas. C. Judson Co., 240 California, San Francisco.
Architect...Wm. H. Weeks, 75 Post, San Francisco.
Contractor...Butte Eng. & Elec. Co., 683 Howard, San Francisco.
Filed Oct. 7, '13. Dated Sept 20, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1200

Bond, limit, forfeit, none. Plans and specifications, none.

(3677) E THIRTY-SEVENTH AVE 125 S Lincoln Way E 120xS 25. All work for two-story and basement frame flats.
Owner.....A. Belli.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...A. M. Wallen, 1253 Waller, San Francisco.
Filed Oct. 7, '13. Dated Oct. 7, '13.
1st story joists set..... \$12.50
Roofed and enclosed..... 812.50
Brown coated, plumbing and electric work roughed in..... 812.50
Completed and accepted..... 812.50
Usual 35 days..... 1050.00
TOTAL COST, \$4200.00

Bond, none. Limit, 90 days after Oct. 9. Forfeit, none. Plans and specifications filed.

(3678) N CAPISTRANO AVE 441.53 E San Jose Ave E 25.09 N 136.17 W

29.94 S 134.49. All work for two-story and basement frame dwlg.
Owner.....Joseph and Theresa Michel 179 Brompton Ave., S. F.
Designer...Banning & Stewart.
Contractor...R. H. Banning and Jas. E. TOTAL COST, \$2930.00

Bond, none. Limit, 62 days. Forfeit, none. Plans and specifications filed.
San Francisco.
Filed Oct. 7, '13. Dated Sept. 29, '13.
Frame up & rafters in place... \$732.50
Enclosed and brown coated... 732.50
Completed and accepted..... 732.50
Usual 35 days..... 732.50

(3679) S CLEMENT 32-6 E 17th Ave. One-story frame store.
Owner.....Chas. Penez, 322 22nd Ave., San Francisco.
Architect...None.
Contractor...W. H. Daniel, 1442 Dolores San Francisco.
COST, \$1250

(3680) W SAN JOSE AVE 50 N — One-story and basement frame dwlg.
Owner.....Homestead Realty Co., Mutual Bank Bldg., S. F.
Architect...None.
Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1350

(3681) No. 806 ARKANSAS. One-story and basement frame dwlg.
Owner.....J. Cardinale, Premises.
Architect...None.
Contractor...Louis Canessa, 30 Boardman Place, San Francisco.
COST, \$1200

(3682) S SAN BRUNO 100 N 20th. Two story frame (2) flats.
Owner.....H. McGill, 486 Utah, S. F.
Architect...F. Arnold, 790 Kansas, San Francisco.
Day's work COST, \$1600

(3683) W TWENTY-FIRST AVE 275 N Taraval. One-story and basement frame dwelling.
Owner.....Thomas Foley, 1041 Call Bldg., San Francisco.
Architect...None.
Contractor...H. Heden, 116 Sussex, San Francisco.
COST, \$1250

(3684) S IRVING 95 E 9th Ave. One-story frame store.
Owner.....H. Leste, Redwood City.
Architect...None.
Contractor...J. Narbebury, 131 Holly, San Francisco.
COST, \$1625

(3685) W CURTIS 200 S Rolph. One-story and basement frame dwlg.
Owner.....Arthur G. Duncan, 525 Crocker Bldg., S. F.
Architect...None.
Contractor...Allen Bros., 4525 Mission, San Francisco.
COST, \$1500

(3686) NO. 910 MARKET. Alter front and interior.
Owner.....Fannie Shipser, Premises.
Architect...None.
Contractor...J. I. Mitrovich, 1034 Golden Gate Ave., San Francisco.
COST, \$3200

(3687) NW FRANCE AND NAPLES. One-story and basement frame dwlg.

Owner.....W. C. Ulmer, 4728 Mission, San Francisco.
Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.
COST, \$1400

(3688) E TENTH 100 S Howard. Erect shed.
Owner.....G. Tomagnini & Co., Shasta Hotel, S. F.
Architect...None.
Contractor...John R. Cahill, 460 Montgomery, San Francisco.
COST, \$950

(3689) SE MASON AND EDDY. Electric sign.
Owner.....Meyer Cohn, Premises.
Architect...None.
Contractor...Federal Elec. Sign Co., 257 8th, San Francisco.
COST, \$450

(3690) E SIXTEENTH AVE 50 S Anza One and one-half-story and basement frame residence.
Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work COST, \$2800

(3691) W ROSSEAU 200 S Bosworth. One-story and basement frame dwlg.
Owner.....J. F. Hefferman, 59 Santa Marina Ave., San Francisco
Architect...None.
Day's work COST, \$1900

(3692) W ROSSEAU 175 S Bosworth. One-story and basement frame dwlg.
Owner.....J. F. Hefferman, 59 Santa Marina Ave., S. F.
Architect...None.
Day's work COST, \$1400

(3693) N McALLISTER \$7-6 E Larkin Rebuild foundation and walls.
Owner.....Wm. Bruce, 50 Langton, San Francisco.
Architect...None.
Day's work COST, \$1400

(3694) W SEVENTEENTH AVE 154 S Balboa. One-story and basement frame dwelling.
Owner.....Wilhelmina Bahrs, 635 17th Ave, San Francisco.
Architect...W. Bahrs.
Contractor...W. Bahrs.
COST, \$1500

(3695) S LOMBARD 172-8 W Scott. One-story frame wagon shed.
Owner.....Lirati & Frugoli, 2453 Lombard, San Francisco.
Architect...None.
Day's work COST, \$400

(3696) NO. 501 CORTLAND AVE. Brick bake oven.
Owner.....Mrs. E. Tesna, Premises.
Architect...None.
Contractor...S. Orchard, 38 Romain, San Francisco.
COST, \$600

(3697) SE MINNA AND SIXTH Alter partitions and new front.
Owner.....Elden M. Hancock, Oakland.
Architect...None.
Contractor...S. H. Overhill, 471 Jessie, San Francisco.
COST, \$460

(3698) N SACRAMENTO 157-6 E Locust E 27-6XN 127-6 1/4. All work for Class "C" concrete nickelodeon building.

Owner.....Laurent Loustau, 3654 Sacramento, San Francisco.

Architect...Fabre & Bearwald, Merchants National Bk. Bldg., San Francisco.

Contractor...Bernard Becaus, 916 Pacific San Francisco.

Filed Oct. 8, '13. Dated Oct. 3, '13.

Foundation completed and frame ready for concrete.....\$1636
All concrete done and roof on..... 1636
Completed and accepted..... 1636
Usual 35 days..... 1640

TOTAL COST, \$6550

Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(3699) NW ECKER AND JESSIE N 62xW 115. Excavation, concrete, carpenter, glass, hardware, iron and steel, sheet metal, tin, painting, and electric work for three-story and basement reinforced concrete warehouse.

Owner.....Wm. H. Crocker, Crocker National Bank, S. F.

Architect...Phillip Overman, Shreve Bldg., San Francisco.

Contractor...J. D. Hannah, Monadnock Bldg., San Francisco.

Filed Oct. 8, '13. Dated Sept. 29, '13

As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$36,895

Bond, \$18,500. Surety, Globe Indemnity Co. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.

(3700) SE SUTTER AND JONES S 100 xE 72. Sheet metal work for six-story and basement apartment building.

Owner.....S. L. M. Starr and L. C. Larsen as Starr & Larsen.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...The Forrester Cornice Wks 269 Potrero Ave., S. F.

Filed Oct. 8, '13. Dated Oct. 6, '13.

On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1517

Bond, \$755.50. Surety, National Surety Co. Limit, 160 days. Forfeit, none. Plans and specifications filed.

(3701) MILL WORK ON ABOVE.
Contractor...Pacific Mfg. Co., 177 Stevenson, San Francisco.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$11,500

Bond, \$3750. Sureties, D. O. Druffile and Fred H. Beaver. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3702) GLASS AND GLAZING ON above.

Contractor...W. P. Fuller & Co., Beale and Mission, San Francisco

Filed Oct. 8, '13. Dated Oct. 6, '13

Payments same as above.....

TOTAL COST, \$1700

Bond, \$850. Sureties, E. E. Simmons and H. H. Somers. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3703) PAINTING ON ABOVE.

Contractor...Cramer Bros., 712 12th, San Francisco.

Filed Oct. 8, '13. Dated Oct. 6, '13

Payments same as above.....

TOTAL COST, \$2935

Bond, \$1467.50. Surety, Southwestern Surety Ins. Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3704) PLUMBING ON ABOVE.

Contractor...Alexander Coleman, 706 Ellis, San Francisco.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$3730

Bond, \$3685. Sureties, Jno. W. Procter and Mary Varni. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3705) HEATING ON ABOVE.

Contractor...John G. Sutton Co., 243 Minna, San Francisco.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$2140

Bond, \$1070. Sureties, H. M. Van Pelt and Wm. P. Scott. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3706) ORNAMENTAL IRON WORK on above.

Contractor...A. Haus, 425 Potrero Ave San Francisco.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$2200

Bond, \$1100. Surety, Illinois Surety Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3707) MARBLE WORK ON ABOVE.

Contractor...Joseph Musto Sons-Keenan Co., 565 North Point, S. F.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$1085

Bond, \$550. Sureties, R. A. and A. E. Sharboro. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3708) SE SUTTER AND JONES S 100 xE 72. Electrical work for six-story and basement apartment building.

Owner.....S. L. M. Starr and L. C. Larsen as Starr & Larsen

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...Butte Eng. & Elec. Co., 683 Howard, San Francisco

Filed Oct. 8, '13. Dated Oct. 6, '13.

On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3678

Bond, \$1839. Surety, Pacific Coast Casualty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3709) PASSENGER AND FREIGHT elevators on above.

Contractor...Otis Elevator Co., Beach and Stockton, S. F.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$7000

Bond, \$3500. Surety, National Surety Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(3710) BRICK WORK AND SETTING terra cotta on above.

Contractor...H. H. Larsen Bros., 62 Post, San Francisco.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$11,500

Bond, \$11,500. Sureties, A. N. Sherman and S. D. Le Clair. Limit, 50 days.

Forfeit, none. Plans and specifications filed.

(3711) PLASTERING & LATHING ON above.

Contractor...Smith & Johnson, Monadnock Bldg., S. F.

Filed Oct. 8, '13. Dated Oct. 6, '13.

Payments same as above.....

TOTAL COST, \$12,200

Bond, \$6100. Sureties, Chas. J. Powers and Daniel O'Neill. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(3712) S FOURTEENTH 100 W Landers N 135 W 28-10 1/2 N 125-4 1/2 E 90 E 35-0 1/4. All work for three-story and basement frame apartment bldg.

Owner.....Louise R. Barroilhet.

Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...Ira W. Coburn Inc., Hearst Bldg., San Francisco.

Filed Oct. 8, '13. Dated Oct. 8, '13.

3rd story joists set.....\$5600

Partitions set and braced..... 6600

Brown coated 6600

Completed and accepted..... 6600

Usual 35 days..... 8800

TOTAL COST, \$35,200

Bond, \$25,000. Surety, American Surety Co. Limit, 20 days. Forfeit, none.

Plans and specifications filed.

(3713) S OAK 112-6 W Gough W 25x S 120. All work for two-story frame flat and garage.

Owner.....Marie R. Kast.

Architect...Plans by owner.

Contractor...Wm. H. Daniel.

Filed Oct. 9, '13. Dated Sept. 10, '13.

Roof on and building enclosed.....\$750

Plastering completed 750

Completed and accepted..... 750

Usual 35 days..... 850

TOTAL COST, \$3100

Bond, none. Limit, 75 days after Sept. 10. Forfeit, \$10. Plans and specifications filed.

(3714) TWENTY-SEVENTH AVE. bet. Judah and Kirkham in front of L. Swenson's property; int. of NW Kirkham and 27th Ave th N 175 along 27th Ave. Grading.

Owner.....L. Swenson.

Architect...None.

Contractor...Sunset Constr. Co., 62 Post, San Francisco.

Filed Oct. 9, '13. Dated June 10, '13.

ON COMPLETION owner to deed contractor one lot 25x120 on 27th Ave. and \$200 cash.

Bond, limit, forfeit, none. Plans and specifications, none.

(3715) ELK BDED BY CALIFORNIA.

Jones, Sacramento and Taylor. Rough and finish carpenter work, painters' finish and hardware, including setting for the choir, stalls and sanctuary for Grace Cathedral.

Owner.....Grace Cathedral Corporation.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...The Beach-Robinson Co., 239 Geary, San Francisco.

Filed Oct. 9, '13. Dated Sept. 26, '13.

On 15th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$4515

Bond, \$2257.50. Surety, The Aetna Accident & Liability Co. Limit, Dec. 15.

Forfeit, none. Plans and specifications filed.

(3716) NW JACKSON AND SCOTT N 127-8½xW 137-6. Painting for two-story frame building.
Owner.....Academy of the Sacred Heart.
Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor..Martin Peterson, 215 29th, San Francisco.
Filed Oct. 9, '13. Dated Oct. 2, '13.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....\$114.25
TOTAL COST, \$157.00
Bond, \$300. Sureties, G. T. Petterson and Jno. E. Beck. Limit, 150 days after carpenter work done. Forfeit, \$25. Plans and specifications filed.

(3717) PAINTER'S WORK FOR ALTERATIONS and additions (Chapel Wing addition) on above.
Contractor..Martin Peterson, 215 29th, San Francisco.
Filed Oct. 9, '13. Dated Oct. 2, '13.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....\$179.25
TOTAL COST, \$717.00
Bond, \$500. Sureties, G. T. Petterson and Jno. E. Beck. Limit, 30 days after carpenter work done. Forfeit, \$25. Plans and specifications filed.

(3718) E BAKER 67.375 S Bay S 484 xE 789 m or l. Furnishing and fabricating steel and iron work for Horticultural Building.
Owner.....Panama-Pacific International Exposition Co.
Architect...Bakwell & Brown, 251 Kearny, San Francisco.
Contractor..Dyer Bros, Golden West Iron Works, Inc., 17th and Kansas, San Francisco.
Filed Oct. 9, '13. Dated Sept. 30, '13.
As work progresses..... 75%
Usual 35 days, 25%..... 25%
TOTAL COST, \$43,558
Bond, \$25,000. Surety, Pacific Coast Casualty Co. Limit, 100 days. Forfeit, \$50. Plans and specifications filed.

(3719) E CURTIS — LOT 47 BLK 5, Crocker Amazon Tract. All work except painting for one and one-half-story frame bungalow.
Owner.....A. Linnom.
Architect...Oliver Evans, 4221 21st, San Francisco.
Contractor..Oliver Evans.
Filed Oct. 10, '13. Dated Oct. 6, '13.
Frame up\$479
Brown coated 479
White coated 479
Finished and accepted..... 479
TOTAL COST, \$2,395
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3720) SW DRUMM AND CLARK S 20xW 60. All work for three-story Class "C" reinforced concrete stores and rooms.
Owner.....Joe Harris Co., 225 Embarcadero, San Francisco.
Architect...Sylvain Schmittacher, 1st National Bank Bldg., S. F.
Contractor..F. L. Hansen, Monadnock Bldg., San Francisco.
Filed Oct. 10, '13. Dated Oct. 6, '13.
2nd floor joists on.....\$2646
Ready for lathing 2646
Completed and accepted..... 2646
Usual 35 days, 25%..... 2647
TOTAL COST, \$10,585
Bond, \$5585. Sureties, Fidelity & Deposit Co. of Maryland. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

(3721) N BALBOA 82-6 W 20th Ave W 25 —. Carpenter, plaster, mill, work, concrete, plumbing, painting, roof hardware, gas, fixtures, shades for cottage.
Owner.....Laura Dahl, 539 3rd Ave., San Francisco.
Architect...Emil Dahl.
Contractor..Emil Dahl, 341 24th Ave., San Francisco.
Filed Oct. 10, '13. Dated Sept. 26, '13.
Frame completed\$450
Brown coated 450
Finished and accepted..... 450
Usual 35 days, 25%.....Balance
TOTAL COST, \$1800
Bond, none. Limit, 40 days after one day's notice. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

Oct. 8, 1913—SE MARKET 100 SW Second SW 25xSE 91-6. Levlina W Martinez, Carrie W Woodworth and Mollie W Kruse as to improvements on leased property.....

COMPLETION NOTICES.

San Francisco.

Oct. 1, 1913—N JACKSON 68-6 E Larkin E 23xN 87-6. Geo F Welch to Chas J U Koenig.....Sept. 29, 1913
Oct. 1, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Car Co of California by Clinton Fireproofing Co to Lyden & Bickel.....Sept. 24, 1913
Oct. 1, 1913—SE POWELL AND O'Farrell. The Union League Club, Lessee to A C Wocker.....Oct. 1, 1913
Oct. 1, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8½. A B Spreckels to John G Sutton Co.....Sept. 29, 1913
Oct. 1, 1913—E FORTY-SEVENTH Ave 260 S Balboa S 50xE 120. Eugene B Hallett to whom it may concern.....Sept. 30, 1913
Oct. 1, 1913—E FORTY-SEVENTH Ave 310 S Balboa S 50xE 120. Eugene B Hallett to whom it may concern.....Sept. 22, 1913
Oct. 1, 1913—NE VALLEJO & HYDE 24x60. William K Bush to E J Montgomery.....Sept. 18, 1913
Oct. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Thomas Elam & Son.....Sept. 30, 1913
Oct. 1, 1913—SW O'FARRELL AND Broderick S 74xW 35. E W and A M Bender to whom it may concern.....Oct. 1, 1913
Oct. 1, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange to Vulcan Iron Works Sept. 29; J E O'Mara.....Sept. 29, 1913
Oct. 1, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. John A Lennon to Pacific Fire Extinguisher Co.....Sept. 27, 1913
OCT. 3, 1913—S GREENWICH 150 W Larkin W 25xS 150. Mae Marino, Rinaldo J and Ida M Olivi to Ratto & Glanlin.....Oct. 2, 1913
Oct. 3, 1913 E PUTNAM (Putnam Ave) 125 N Jarboe (Jefferson)

Ave N 50xE 70 Lots 1094 and 1096 Gift Map S. Thos S Webb to T H Parry.....Sept. 27, 1913
Oct. 2, 1913—W NINTH AVE 100 S Irving W 73xN 66. Patrick Furlong to whom it may concern.....Oct. 2, 1913—EIDY NO. 47, fronting on Eddy and Market. Leong Entow to Brandt & Stevens.....Oct. 1, 1913
Oct. 2, 1913—S EIGHTEENTH AND Collingwood. L A Gautier to E A F Carson.....Oct. 2, 1913
Oct. 2, 1913—E STOCKTON 50 S Sutter E 80xS 40-8½. Sierra Invst Co to F L Malno.....Oct. 2, 1913
Oct. 4, 1913—N TWENTY-SEVENTH St E Noe E 26xN 114. Charles A and Martha Michelsen to whom it may concern.....Sept. 30, 1913
Oct. 4, 1913—E NINTH AVE 160 S Balboa 275x120. Christina Stewart Wells to whom it may concern.....Oct. 4, 1913
Oct. 4, 1913—NE BUSH & STOCKTON N 78xE 88-10. Harriet McCarthy to Fred C Jones.....Sept. 27, 1913
Oct. 4, 1913—S LAWTON 96 E 10th Ave S 100xE 24. A V or Andrew V Anderson.....Oct. 2, 1913
Oct. 4, 1913—NW FOLSOM 275 SW Third NW 155 SW 175 SE 75 NE 99-0½ SE 80. Henry E Holmes to whom it may concern.....Oct. 4, 1913
Oct. 6, 1913—W PALM AVE 226-4 S Euclid Ave S 33-4xW 120. Chas F W Webber Jr to whom it may concern.....Completed
Oct. 6, 1913—LOT 26 BLK "T" Mission Terrace. Ruble Hanson and Bertha Koenigsthal to Frederick A Hanson.....Sept. 29, 1913
Oct. 6, 1913—SE TWENTY-SECOND & Eureka S 60xE 23-9. Hannah Howarth to Richard Fahy.....Aug. 4, 1913
Oct. 6, 1913—E LARKIN 87-6 N Broadway N 25xE 137-6. A D Van Dorn to W L Terry.....Oct. 1, 1913
Oct. 6, 1913—W ARKANSAS 175 N 20th N 25xW 100. Guisepp Cavaglieri to whom it may concern.....Oct. 4, 1913
Oct. 6, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-8½. The San Francisco Polyclinic & Post Graduate College to Frederick W Snook Co.....Oct. 2, 1913
Oct. 6, 1913—NE FOURTH AVE & Parnassus Ave N 70 E 57-6 S 53-3 m or l W 60 m or l. Augusta M Hewitt to whom it may concern.....Oct. 6, 1913
Oct. 6, 1913—NE TURK & FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Lyden & Bickel.....Sept. 29, 1913
Oct. 7, 1913—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training to H Maundrell.....Oct. 2, 1913
Oct. 7, 1913—E FOURTH AVE 210 N "C" 25x125. Jennie Frye to Leslie G Geary.....Oct. 6, 1913
Oct. 7, 1913—NW JACKSON AND Drumm N 60xW 60. Thos W Butcher to Bradley & O'Reilly and George Goodman Artificial Stone Co.....Oct. 6, 1913
Oct. 7, 1913—E SECOND AVE 250 N Anza N 25xE 120. Chas S Boyen to whom it may concern.....Oct. 2, 1913
Oct. 7, 1913—N PAGE 30 W Webster W 30xS 100. Rousscau Realty Co to whom it may concern.....Oct. 6, 1913
Oct. 7, 1913—NE TURK & FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to

Pacific Fire Extinguisher Co. Sept. 29, 1913
 Oct. 7, 1913—S JACKSON 228-S E
 Polk E 46-4xS 127-8 1/4. The San
 Francisco Polyclinic and Post
 Graduate College cpm to The
 Turner Co. Oct. 2, 1913
 Oct. 7, 1913—E FIFTEENTH AVE
 125 N California 25x127-6. O E
 Anderson to whom it may concern
 Oct. 6, 1913
 Oct. 8, 1913—E LYON 99 S Union S
 25x40 m or l. Mary S Newmeyer
 to J A Hill. Sept. 24, 1913
 Oct. 8, 1913—W SECOND AVE 135 S
 Irving S 25xW 120. W J and Mary
 K Wagner to Ed Zinkand & Son.
 Sept. 29, 1913
 Oct. 8, 1913—NE TURK AND FILL-
 more N 275xNE 130. Realty &
 Rebuilding Co by MacDonald & Kahn
 to Western Furnace and Cornice
 Co. Sept. 29, 1913
 Oct. 8, 1913—NE WASHINGTON &
 Octavia E 137-6xN 127-8 1/4. A B
 Spreckels to The McGilvray Stone
 Co. Aug. 11, 1913
 Oct. 8, 1913—NE TURK AND FILL-
 more N 275xNE 130. Realty &
 Rebuilding Co by MacDonald & Kahn
 to Pacific Mfg Co. Oct. 8, 1913
 Oct. 8, 1913—N IRVING 32-6 W 9th
 Ave W 25xN 69. John Meierdierks
 to Mager Bros. Completed —
 Oct. 8, 1913—SW MARKET AND
 FOURTH. Judah Boas to Ira W
 Coburn Inc. Oct. 7, 1913
 Oct. 8, 1913—EXPOSITION SITE.
 Panama-Pacific International Ex-
 position Co to Healy Tibbitts Con-
 struction Co. Sept. 27, 1913
 Oct. 8, 1913—EXPOSITION SITE.
 Panama-Pacific International Ex-
 position Co to Healy Tibbitts Con-
 struction Co. Oct. 4, 1913
 Oct. 8, 1913—EXPOSITION SITE.
 Panama-Pacific International Ex-
 position Co to Pringle-Dunn & Co
 Oct. 4, 1913
 Oct. 8, 1913—S LACIFIC AVE 155 E
 Webster E 30xS 117; No. 2221 Pac-
 ific Ave. Judah Boas to Ira W
 Coburn Inc. Oct. 7, 1913
 Oct. 9, 1913—E RAMONA AVE 205 N
 15th N 25xNE 75. Sallie Clot to
 Ducasse. Oct. 7, 1913
 Oct. 9, 1913—SW SANCHEZ AND
 Elizabeth 25 on Sanchez x 101-9 on
 Elizabeth. Martha Anderson to
 A W Burnett & Co. Oct. 8, 1913
 Oct. 9, 1913—NW VAN NESS AVE &
 Post N 120xW 159-9. Hecht Invt
 Co to Lindgren Co. Oct. 4, 1913
 Oct. 9, 1913—W STANFORD 106-3 S
 Brannan W 80-1 1/2xS 100. Crane Co
 to E M Huie & Co. Sept. 8, 1913
 Oct. 9, 1913—N S. CAMORE AVE 230
 W Mission W 25xN 100. Mary E
 Soto to Gustave Anderson.
 Sept. 30, 1913
 Oct. 9, 1913—S GEARY 137-6 E Mason
 E 37-6xS 137-6. Stewart Estate Co
 to Western Iron Wks. Oct. 6, 1913
 Oct. 9, 1913—W DOLORES 33 S 21st
 W 55xS 25. C T O'Leary to N A
 Carlson. Oct. 8, 1913

LIENS FILED

SAN FRANCISCO COUNTY.

Sept. 27, 1913—NE COLUMBUS AVE
 and Vallejo E 77-8 1/2xN 137-6. S F
 Mayshark vs Roman Catholic
 Archbishop. \$42.50
 Sept. 27, 1913—NE COLUMBUS AVE
 and Vallejo E 77-8 1/2xN 137-6. Fond

Du Lac Church Furniture Co vs
 The Roman Catholic Archbish-op of
 S F. \$308.38
 Oct. 1, 1913—SE GOLDEN GATE AV
 and Laguna S 100xNE 54 m or l. Jas
 F Coghlan vs Mrs Kate Besore,
 2-5; Frank J Fallon, 1-5; Jas Fal-
 lon, 1-5; Eugene Fallon, 1-5. \$186.25
 Oct. 2, 1913—SW O'FARRELL AND
 Broderick 75xW 40. Frank Neidick
 vs Ada M Bender. \$301
 Oct. 2, 1913—NW THIRD & BRYANT
 N 80xW 115. Redwood Mfgs Co vs
 H D Matherly, John O'Kane, John
 Doe Ross and Josephine Hendrick-
 son. \$45.79
 Oct. 4, 1913—NW BUSH AND VAN
 Ness Ave N 60xW 100. Charles
 Brown & Sons (cpn) vs J P
 Sweeney, R J MacKenzie and Mary
 MacKenzie (wt). \$132.90
 Oct. 7, 1913—W FIFTEENTH AVE
 100 N Judah N 25xW 127-6. T
 McGovern vs Holger Nelson and
 A E Olson. \$115
 Oct. 7, 1913—SE ALMA & SHRADER
 W II Yales vs M F Cariss and W S
 King. \$26.95
 Oct. 7, 1913—N NINETEENTH 175 E
 Sanchez E 25xN 114. Eureka Sash
 Door & Moulding Mills, \$558.42; A
 Davis, \$273 vs Joseph and Linda
 E Herb and S Malmberg.
 Oct. 7, 1913—N NINETEENTH 175 E
 Sanchez E 25xN 114. Chas J
 Powers vs J Herb & S Malmburg
 \$145.40
 Oct. 8, 1913—SW O'FARRELL AND
 Jones W 49-6 S 68-9 W 22 S 22 E
 71-6 N 90-9. A E Hornlein vs J
 M Kane and W J Yore. \$439.69

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 1 story and base,
 frame. Cost not stated. Berkeley, Al-
 ameda Co., Cal. Architect, John Hud-
 son Thomas, First National Bank
 Bldg., Berkeley. Owners, Harold
 Havens Co. The house has been de-
 signed to contain seven rooms, sleep-
 ing porch and bath, and will be erected
 in North Cragmont. Interior finish
 will be of pine and hardwood. Plans
 provide for furnace heat and open fire
 places. Mantels will be of brick and
 tile. Hardwood floors will be used in
 the living and dining rooms. There
 will be an automatic water heater.
 Bath room will have composition floor
 and tile wainscot. Exterior of the
 dwelling will be covered with cement
 plaster on metal lath. Plans are com-
 plete and figures are being taken.

BUNGALOW — 1 story and base,
 frame, \$2,000. Oakland, Cal. Archi-
 tect, W. H. Judson, Albany Bldg., Oak-
 land. Owner, Mr. Gilvane. The house
 will be erected in Pleasant Valley
 Court, and will contain six rooms and
 bath. Interior will be finished in pine
 and redwood with hardwood floors in
 the principal rooms. There will be a
 large open fire place in the living
 room with brick mantel. Tile will be
 used in the bath room and kitchen.
 Exterior of the house will be covered
 with cement plaster on metal lath.
 The work will be carried on by the
 Home Builders Syndicate.

BUNGALOW AND GARAGE — 1 story
 and base, frame. Cost not stated. Ber-
 keley, Alameda Co., Cal. Architect,
 Sidney B. Newsom, Nevada Bank Bldg.,
 S. F. Owner, Edgar E. Jamison. The
 house will be erected on Shattuck ave-

nue near Los Angeles, and will contain
 seven rooms and bath. A frame garage
 will be erected in the rear. Interior
 finish will be of pine and redwood with
 some white enamel. Hardwood floors
 will be used in the principal rooms.
 Plans provide for furnace heat and
 open fire places. Mantels will be of
 brick and tile. Tile will be used in the
 bath room and kitchen. An automatic
 water heater will be installed. Exter-
 ior of the house will be covered with
 shingles. Plans are complete and fig-
 ures are being taken.

RESIDENCE — 2 story and base,
 frame, \$3,500. Oakland, Cal. Archi-
 tect, none. Owner, C. J. Pirang, 126
 Claremont avenue, Oakland. The house
 will contain seven rooms and bath, and
 is to be erected on Grand avenue north
 of Elwood. Interior finish will be of
 pine and white enamel. Hardwood
 floors will be used in the living room,
 dining room and reception hall. There
 will be furnace heat and open fire
 place. Mantel will be of brick. Tile
 will be used in the bath room and
 kitchen. Exterior of the house will
 be covered with cement plaster on
 metal lath. Plans are complete and
 in the hands of the owner who will do
 the work by Day Labor. All materials
 are now being purchased.

RESIDENCE — 2 story and base,
 frame, \$4,300. Berkeley, Alameda Co.,
 Cal. Architect, none. Owner, M. C.
 Ford, 2311 Russell street, Berkeley.
 This house will contain seven rooms,
 bath and sleeping porch, and will be
 erected on the south side of Ocean
 Drive. Interior finish will be largely
 of pine and hardwood veneer. Hard-
 wood floors will be used in the living
 room, dining room and reception hall.
 Plans provide for furnace heat. Open
 fire places will also be used. Mantels
 will be of brick and tile. An auto-
 matic water heater will be installed.
 Composition floor and tile wainscot
 will be used in the bath rooms. Exter-
 ior of the dwelling will be covered
 with cement plaster on metal lath.
 Plans are complete and work will be
 done by Day Labor. All materials are
 now being purchased.

BUNGALOW — 1 story and base,
 frame, \$2,150. Oakland, Cal. Archi-
 tect, W. H. Judson, Albany Bldg., Oak-
 land. Owner, Mr. Ashby. The house
 will be erected on 61st street, and will
 contain six rooms and bath. All inter-
 ior finish will be of pine. Hardwood
 floors will be used in the two principal
 rooms. A large open fire place and
 brick mantel will be a feature of the
 living room. Tile will be used in the
 bath room and kitchen. Exterior of
 the house will be covered with cement
 plaster on metal lath. The work will
 be carried on by Day Labor under the
 direction of the Home Buyers.

GARAGE—2 story and base, brick,
 \$16,000. Berkeley, Alameda Co., Cal.
 Architects, Rousseau and Rousseau, Mo-
 nadnock Bldg., S. F. Owner's name
 withheld. This building will be erected
 on the east side of Shattuck avenue 90
 feet south of Haste street, and has been
 designed for a commercial garage and
 machine shop. The building will have
 a frontage of 15 feet and a depth of
 120 feet. Interior will be finished in
 pine. Plans provide for metal window
 sash and frames. Exterior will be faced
 with pressed brick. A cement floor will
 cover the entire area. Plans are nearly
 complete and figures will shortly be
 taken.

MUNICIPAL AUDITORIUM—story and base. Class A construction. \$1,000,000. Oakland, Cal. Architects, Palmer and Hornbostel, New York, associate, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids for the general construction of this building were opened on October 9th. Twelve alternate propositions were considered. A complete list of the bids, as presented, appears under the heading of Oakland and Alameda County, in this issue.

CITY HALL CABINET WORK AND INTERIOR PAINTING—Cost not stated. Oakland, Cal. Architects, Palmer and Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids for the cabinet work and for interior painting were opened on October 9th. Three alternate propositions were considered by the City Council. The lowest bid for the painting was received from D. Zelinsky of S. E. A. A complete list of all figures received appears under the heading of Oakland and Alameda County in this issue.

HOTEL—6 story and base, brick and steel, \$30,995. Oakland, Cal. Architect William Wilde, Albany Bldg., Oakland. Owner, Mrs. Barbara. Contractor, E. Anderson, San Leandro. Note, Mr. Anderson's contract does not include excavating, foundation, steel frame, elevator work, heating, plumbing, painting or electric work.

RESIDENCE—2 story and base, frame, \$4,300. Oakland, Cal. Architect, E. B. Hart, 521 Cottage avenue, Oakland. Owner, George A. Cockerton. The dwelling, which has been designed for a seven-room house, will be erected on Rand street, and will contain besides the living rooms two baths and sleeping porch. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat. Open fire places will be used in the living and dining rooms. Mantels will be of the oak and brick. Bath rooms will have composition floors and tile wainscot will be used in the bath rooms and kitchens. Exterior of the house will be covered with cement plaster. Bids are now being taken on revised plans.

BUNGALOW—1½ story and base, frame, \$3,000. Oakland, Cal. Architect, Leonard H. Ford, 1333 Center St., Berkeley. Owner, W. P. Roe. The house will contain seven rooms and bath and will be erected on College avenue. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. A large open fire place and the mantel will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, Cost not stated. Oakland, Cal. Architects, Millwin Bros. Lodge Bldg., Oakland. Owner, Mrs. A. J. Larkey. The house, which has been designed for an eight-room dwelling with bath and sleeping porch, will be erected in the Crocker Highlands Tract. Interior finish will be of pine, redwood, white enamel and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnishing to open fire places will be used in the liv-

ing room and dining room. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been revised and new figures are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$50,000. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owners, Co't Investment Co. The building will be erected on the north side of Grand avenue, between Staten and Perkins streets. There will be a large number of two, three and four room apartments, all having private baths and wall beds. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Considerable marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by day labor.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architects, Newsom and Dixon, 1845 5th avenue, Oakland. Owner, Mr. Kerrigan. The house will be erected on 41st street and Telegraph avenue, and will contain a number of two and three room suites. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by day labor. All materials are now being purchased.

FIRE ESCAPES AND PLANT MATERIALS—Cost not stated. Berkeley, Alameda Co., Cal. Architect, State Engineer, McClure, Sacramento. Owner, State of California. Bids are now being taken for furnishing plant equipment and five ornamental iron fire escapes for the California Institute of the Deaf and Blind at Berkeley. Bids will be opened on October 30th by the State Board of Control at Sacramento. Plans can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

Auditorium Bids For Oakland.

Oakland Authorities Open Bids For Municipal Auditorium and Work at New City Hall.

Five sets of figures were opened by the Oakland City Council for the general construction of the Oakland Municipal Auditorium at their meeting on Thursday, October 10. Twelve alternate propositions were asked for as follows: (1) substitute complete for site; (2) seven terra cotta figures of type A design in four colors; (3) six terra cotta figures of type A design and one of type B design all in one color; (4) a terra cotta design in three and four

colors; (5) four type A designs; two type B designs and one type D design all in one color; (6) alternate designs in four colors; (7) two niches type A design, two niches type B design, two niches type C design and one niche type D design all in one color; (8) alternate designs in four colors; (9) omit exterior cement plaster in imitation of stone; (10) substitute marble base for stone on two vestibules; (11) extra roller and (12) substitute plaster for terra cotta.

Oakland Municipal Auditorium.

Lewis Hicks Co., \$128,200; (1) \$13,500; (2) \$7700; (3) \$2950; (4) \$10,650; (5) \$5900; (6) \$13,600; (7) \$8550; (8) \$16,550; (9) \$2300; (10) \$10; (11) \$2200; (12) \$24,000.

Sound Constr. & Eng. Co., \$151,116; (1) \$13,500; (2) \$8427; (3) \$3215; (4) \$11,655; (5) \$6165; (6) \$11,915; (7) \$9685; (8) \$18,267; (9) \$2338; (10) \$—; (11) \$3335; (12) \$—.

Van Sant-Houghton Co., \$161,831; (1) \$18,500; (2) \$8500; (3) \$3300; (4) \$11,700; (5) \$6500; (6) \$15,000; (7) \$8600; (8) \$17,000; (9) \$2470; (10) \$400; (11) \$3900; (12) \$23,100.

P. Rolandi, \$305,090; (1) \$7400; (2) \$8700; (3) \$3900; (4) \$11,900; (5) \$7000; (6) \$15,000; (7) \$9800; (8) \$17,000; (9) \$2900; (10) \$175; (11) \$2300; (12) \$22,750.

Newsom-Wold & Kohn, \$474,028; (1) \$7450; (2) \$7930; (3) \$3030; (4) \$10,920; (5) \$6080; (6) \$14,010; (7) \$9115; (8) \$17,050; (9) \$2100; (10) \$—; (11) \$2200; (12) \$22,000.

City Hall Cabinet Work and Painting.

Four sets of figures were opened at the same time for painting of the new City Hall, the lowest being submitted by D. Zelinsky, of San Francisco, at \$12,840. Cabinet work attracted five bidders. Two alternate propositions were asked for in this work as follows: (1) all work except counters and desks as per circular letter No. 3; (2) omit cabinet work in one room.

Painting City Hall.

J. T. Peterson \$22,950
Robert Swan \$9,490
James Cahill & Co. \$5,905
D. Zelinsky \$13,840

Furnishing and Setting Cabinet Work

Stark & Allyn, \$78,388; (1) \$6139; (2) \$2069.

Oliver Duval & Son, \$73,975; (1) \$66,700; (2) \$72,155.

Reinhardt Lumber & Planing Mill Co., \$116,925; (1) \$110,725; (2) \$1925.

R. W. Littlefield, \$66,729; (1) \$61,973; (2) \$889.

Wm. S. Eehy Bros., \$73,442; (1) \$6442; (2) \$1292.

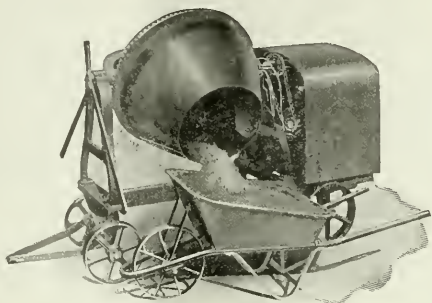
NOTE—Star before propositions (1) and (2) in the case of Oliver Duval & Son, Reinhardt Lumber & Planing Mill Co. and R. W. Littlefield, signifies that these bidders put in a lump sum bid for the amount at which they would complete the job under the conditions and not the amount deducted as asked by the architect.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
298	St. Paul	Peterson	100
299	Perovich	Taylor	100
300	Opp	Pearson	7272
301	Actn.	Rose	500
302	Pacific Gas	Owner	400
303	Abbott	Mansberg	1000
304	Federal Bldg.	Snook	12078

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San Francisco

2970	SameLeiter	18500
2971	LewisLewis	3950
2972	KirklandMcWilliams	4950
2973	Seulberger	.....Swalley	500
2974	White	.....White	2200
2975	Kirk	.....Kirk	400
2976	Chase	.....Hopper	3654
2977	Ford	.....Ford	4300
2978	Tartaglino	.....Valente	600
2979	Henshaw	.....Henshaw	400
2980	Wiser	.....Wiser	2000
2981	Elridge	.....Hyde	2000
2982	Lima	.....Lima	400
2988	Adventist Ch	.....Whalen	2500
2989	Enos	.....Hicks	1600
2990	Coward	.....Coward	2200
2991	Blvd Land	.....Reloff	1100
2992	Coit	.....Coit	250
2995	Odd Fellows	.....Olsen	78740
2996	Curtie	.....Jackson	1200
2997	Card	.....Nichols	4550
2998	Myers	.....White	1000
2999	Middleton	.....Larner	500
3000	Vaughan	.....Woodard	4500
3001	Lupey	.....Lewis	400
3003	Hagal	.....Hagal	500
3004	Odgers	.....St. Mary	500
3005	Lorke	.....McCreary	500
3006	Wholley	.....Whalen	500
3011	Harding	.....Warren	2500
3012	United Iron	.....MacKenzie	400
3013	Benjamin	.....Adlers	1500

(2962) L LUSK 36 N 42nd, Oakland.
One-story 4-room dwelling.

Owner.....M. Strehl, 4202 Lusk, Okd
Architect...None.

Contractor.....S. O. Petersen, 1516 6th,
Alameda.

COST, \$1000

(2963) NE FIRST AND JACKSON.
Oakland. Alterations.

Owner.....J. A. Berovich, 320 4th,
Oakland.

Architect...None.

Contractor.....M. A. Taylor, 320 4th, Okd.

COST, \$400

(2964) E EUCLID AVE 75 S Laguna
Ave., Oakland. Two-story 7-room

dwelling.

Owner.....C. M. Orr.

Architect...John J. Donovan, Security
Bank Bldg., Oakland.

Contractor.....Ben Pearson, 2403 Grove,
Oakland. COST, \$2722

(2965) NO. 1014 BROADWAY, Oak-
land. Alterations.

Owner.....Aetna Realty Co., 1010
Broadway, Oakland.

Architect...None.

Contractor.....A. H. Rose & Co., 545 17th,
Oakland. COST, \$500

(2967) W JEFFERSON 176 S First,
Oakland. Alterations.

Owner.....Pacific Gas & Elec. Co.,
13th and Clay, Oakland.

Architect...None.

Day's work. COST, \$400

(2968) NO. 6136 REGENT, Oakland.
Addition.

Owner.....F. H. Abbott, Premises.

Contractor.....E. Maasberg, 5301 Dover,
Oakland.

COST, \$1000

(2969) PT. 33.27 FROM SI'KE mark-
ing intersection E in Telegraph Ave
and W in Broadway on in bearing SW
th N along in bearing SW 108.83 th
in bearing NW 36.8 S along in bearing
NE 104 th along SE 8.70, Oak-
land. Plumbing for 12-story attic
and basement Class "A" office build-
ing.

Owner.....Federal Realty Co.
Architect...Benj. G. McDougall, Shel-
don Bldg., San Francisco.

Contractor.....Frederick W. Snook Co.,
596 Clay, San Francisco.

Filed Oct. 6, '13. Dated Oct. 3, '13.

1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$12,078

Bonds, \$6039 and \$6039. Surety, U. S.
Fidelity & Guaranty Co. Limit, 120
days. Forfeit, \$125. Plans and specifi-
cations filed.

(2970) CARPENTER WORK ON
above.

Contractor.....E. T. Leiter & Sons, Shel-
don Bldg., San Francisco.

Filed Oct. 6, '13. Dated Oct. 3, '13.

Payments same as above.....

TOTAL COST, \$18,500

Bond, \$9250. Surety, Globe Indemnity
Co. Limit, 45 days. Forfeit, \$125.
Plans and specifications filed.

(2971) NE KEITH AVE AND PRYAL
46x110, Oakland. All work for two-
story 8-room dwelling.

Owner.....Mrs. J. H. Lewis, Oakland.
Architect...None.

Contractor.....L. S. Lewis, 2421 Woolsey,
Berkeley.

Filed Oct. 6, '13. Dated Oct. 6, '13.

Frame up ¼

1st coat plaster on..... ¼

Completed and accepted..... ¼

Usual 35 days..... ¼

TOTAL COST, \$5950

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2972) W BROADWAY 142 N 38th,
Oakland. One and one-half-story
stable.

Owner.....A. W. Kirkland, 67 Santa
Clara Ave., Oakland.

Architect...None.

Contractor.....R. A. McWilliams, 1st Na-
tional Bank Bldg. Okd.

COST, \$1950

(2973) NO. 608 MANDANA BLVD.,
Oakland. Alterations and repairs.

Owner.....Fred Seullberger, Premises
Architect...None.

Contractor.....H. M. Swalley, 745 Wesley
Ave., Oakland.

COST, \$500

(2974) S GRAND AVE 540 S Webster,
Oakland. Repairs and concrete founda-
tions.

Owner.....H. S. White, 941 Filbert,
Oakland.

Architect...Herbert B. Maggs, 328
Montgomery, S. F.

Day's work. COST, \$3200

(2975) NO. 372 ADAMS, Oakland.
Alterations.

Owner.....J. N. Kirk, Premises.
Architect...None

Day's work. COST, \$400

(2976) S KEITH AVE 300 N Broad-
way, Oakland. Two-story 8-room
dwelling.

Owner.....Mrs. M. J. S. Chase
Architect...None

Contractor.....M. E. Hopper, 90 Glen Ave.,
Alameda.

COST, \$3654

(2977) S OCEAN VIEW DRIVE 420 E
College Ave., Oakland. Two-story 7-
room dwelling.

Owner.....M. C. Ford, 2311 Russell,
Berkeley.

Architect...None.

Day's work. COST, \$4300

(2978) NO. 450 FORTY-SECOND, Oak-
land. Alterations.

Owner.....M. Tartaglino, Premises.
Architect...None.
Contractor...M. E. Valente, 5882 Vallejo
Oakland.

COST, \$600

(2979) SE FOURTEENTH & BROAD-
way, Oakland. Alterations.
Owner.....Wm. G. Henshaw, Union
Savings Bank, Oakland.
Architect...Walter Mathews, 927
Broadway, Oakland.

Day's work. COST, \$400

(2980) S FOOTHILL BOULEVARD 230
E Cole, Oakland. One-story 5-room
dwelling.
Owner.....Gordon J. Wiser, 5048
Fairfax Ave., Oakland.
Architect...None.

Day's work. COST, \$2000

(2981) — DIVISION 135.77 S Hampel,
Oakland. One-story 4-room dwlg.
Owner.....Carlton F. Eldridge, E-
19th and 13th Ave., Okd.
Architect...None.
Contractor...L. F. Hyde, 1st National
Bank Bldg., Oakland.

COST, \$2000

(2982) NO. 5112 YGNAICO AVE., Oak-
land. Addition.
Owner.....T. Lima, Premises.
Architect...None.

Day's work. COST, \$400

(2988) S TWENTY-FIFTH 200 E
Telegraph Ave., Oakland. One-story
6-room offices.
Owner.....Seventh Day Adventist
conference, 2201 Telegraph
Ave., Oakland.

COST, \$2500

(2989) SE FIFTY-FIFTH & LOWELL,
Oakland. One-story 5-room dwelling
Owner.....W. Enos, 996 57th, Okd.
Architect...None.
Contractor...A. L. Hicks, 616 14th, Okd.

COST, \$1600

(2990) S SHAFTER AVE 119 W
Pryal, Oakland. One and one-half-
story 6-room dwelling.
Owner.....J. Coward, 6077 Clare-
mont Ave., Oakland.

Architect...None.

Day's work. COST, \$1200

(2991) E MCGEE 200 N Kansas, Oak-
land. One-story 4-room dwlg.
Owner.....Boulevard Land Co., Liese
Ave and Hopkins, Okd.
Architect...None.
Contractor...C. Roloff, 3755 Brown Ave
Oakland.

COST, \$1100

(2992) W ORANGE AVE 115 N Pearl,
Oakland. Two-story 6-room dwlg.
Owner.....Colt Invest Co., 1522 Broad-
way, Oakland.
Architect...Alvin J. Stern, 1522 Broad-
way, Oakland.

Contractor...Roger Colt, 1522 Broad-
way, Oakland.

COST, \$3500

(2995) NW ELEVENTH & FRANK-
lin W 100 N 100 E 25 S 50 E 75 S 50,
Oakland. All work except elevator
car and machinery for four-story and
basement steel frame Class "C"
lodge and store building.

Owner.....Odd Fellows Hall Associa-
tion of Oakland.
Architect...J. J. Henry Boehrer, Deiger
Bldg., Oakland
Contractor...Alfred Olson, 1116 Myrtle,
Oakland.

Filed Oct. 8, '13. Dated Oct. 2, '13.
1st Tuesday after 1st Monday of
each month 70%
Completed and accepted..... 5%
36 days after..... 25%
TOTAL COST, \$78,740

Bond, \$39,370. Surety, U. S. Fidelity
& Guaranty Co. Limit, 180 days after Oct.
31. Forfeit, \$20. Plans and specifica-
tions filed.

(2996) W MIDVALE 400 S Hopkins,
Oakland. One-story 4-room dwlg.
Owner.....Rosa Curtie.
Architect...None.
Contractor...C. A. Jackson, 2913 Viola,
Oakland.

COST, \$1200

(2997) N TWENTY-FIFTH 100 W
Broadway, Oakland. One-story brick
and frame auto repair shop.
Owner.....Card & Appling, 1641
Broadway, Oakland.

Architect...None.
Contractor...Leo. L. Nichols, MacDon-
ough Bldg., Oakland.

COST, \$4550

(2998) NOS. 1940-2-4 TELEGRAPH
Ave., Oakland. Repairs.
Owner.....Myers & White, 17th and
Broadway, Oakland.
Architect...None.
Day's work. COST, \$1000

(2999) NO. 5365 BOYD AVE., Oakland
Addition.
Owner.....Mr. Middleton, 5312 Boyd
Ave., Oakland.
Architect...None.
Contractor...Ed. Larmer, 631 Poirier,
Oakland.

COST, \$500

(3000) NE THIRTEENTH AVE AND
El Centro, Oakland. Two-story 9-
room dwelling.
Owner.....E. P. Vaughan, 36th and
San Pablo Ave., Oakland.
Architect...None.
Contractor...E. W. Woodard, 1510
Broadway, Oakland.

COST, \$1500

(3001) NO. 4901 PORTER, Oakland.
Addition.
Architect...None.
Contractor...G. H. Lewis, 4908 Quigley,
Oakland.

COST, \$400

(3002) S EIGHTY-FIFTH AVE 80 E
Blanche Ave., Oakland. One-story
3-room dwelling.
Owner.....Irene Hagal.
Architect...None.
Contractor...F. P. Hagal.

COST, \$500

(3004) NO. 2310 NINETEETH AVE.,
Oakland. Alterations.
Owner.....A. Odgers, 2239 90th Ave.,
Oakland.
Architect...None.
Contractor...Joe St. Mary, 2310 90th
Ave., Oakland.

COST, \$500

(3005) NO. 578 FOURTEENTH, Oak-
land. Alterations.
Owner.....J. N. Locke, New York

Architect...C. W. Dickey, Central Bk
Bldg., Oakland.
Contractor...McCreary & Sampson,
6505 Wheeler, Oakland.

COST, \$500

(3006) NO. 864 THIRTY-THIRD, Oak-
land Addition.
Owner.....J. W. Lolley, Premises.
Architect...None.
Contractor...Whalin Bros., 2932 32nd
Ave., Oakland.

COST, \$500

(3011) E KEITH AVE 207 E Pryal be-
ing Lot 27 Vernon Park V Oak-
land. All work for one and one-half
story 7-room dwelling.
Owner.....G. H. S. Harding, 2635
Russell, Berkeley.
Architect...F. M. May, 2136 Center,
Berkeley.
Contractor...C. H. Warren, 2200 Atherton,
Berkeley.

Filed Oct. 10, '13. Dated Oct. 9, '13.
Flame up on \$400
Rough plaster on 700
Completed and accepted..... 700
Usual 35 days..... 700
TOTAL COST, \$2500

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(3012) NE SECOND & JEFFERSON,
Oakland. Roof repairs.
Owner.....United Iron Works, Prem.
Architect...None.
Contractor...J. R. D. MacKenzie, 431
15th, Oakland.

COST, \$400

(3013) E FIFTY-THIRD AVE 1200 S
E-14th, Oakland. One-story 5-room
dwelling.
Owner.....J. Benjamin, 1222 53rd Ave.
Oakland
Architect...None.
Contractor...Geo. Aders, 1616 51st Ave.
Oakland.

COST, \$1500

Building Contracts Awarded
Berkeley.

No.	Owner	Contractor	Am't.
2961	Mason	Johanson	2053
2982	United Hm Bldrs	Owner	1500
2984	Same	Same	1500
2985	Same	Same	1500
2986	Same	Same	1500
2987	Same	Same	1500
2992	Talory	Crane	2104
2994	Texdahl	Texdahl	1950
3008	White	White	1500
3009	Smith	Smith	1800
3010	Fogers	Rogers	1200
3014	Bowman	Bay City Bldg	5980

(2961) S BONITA 325 S Berryman,
Berkeley. One-story 5-room dwlg.
Owner.....Ralph Mason, 1403 Jose-
phine, Berkeley.
Architect...None.
Contractor...Gustaf Johanson, 1861 Rose
Berkeley.

COST, \$2035

(2983) W LEE 240 S Ashby, Berkeley.
One-story 5-room dwelling.
Owner.....United Home Bldrs., 1762
Broadway, Oakland.
Architect...None.

Day's work. COST, \$1500

(2984) W LEE 400 S Ashby Ave, Ber-
keley. One-story 5-room dwelling.
Owner.....United Home Bldrs., 1762
Broadway, Oakland.

erected...None.

Day's work. COST, \$1500

(2985) W LEE 320 S Ashby Ave., Berkeley. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1500

(2986) W LEE 200 S Ashby Ave., Berkeley. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1500

(2987) W LEE 80 S Ashby Ave., Berkeley. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1500

(2993) S LE ROY AVE 200 S Buena Vista Ave., Berkeley. One and one-half-story 6-room dwelling.
Owner.....W. P. Taylor, 1801 La Loma Ave., Berkeley.
Architect...None.
Contractor...C. B. Crane, 1600 La Loma Ave., Berkeley.
COST, \$2400

(2944) N RUSSELL 275 E Dohr, Berkeley. One-story 5-room dwelling.
Owner.....C. Texdahl, 3035 Harper, Berkeley.
Architect...None.
Day's work. COST, \$1950

(3008) SE VIRGINIA AND EOLA, Berkeley. Addition and alterations.
Owner.....John J. White, 232 11th, Oakland.
Architect...None.
Day's work. COST, \$1500

(3009) W FRANKLIN 150 S Delaware Berkeley. One-story 4-room dwlg.
Owner.....Ralph C. Smith, 2638 College Ave., Berkeley.
Architect...None.
Day's work. COST, \$1800

(3010) SE CARRISON 40 W Mabel, Berkeley. One-story 4-room dwlg.
Owner.....S. F. Rogers, 1127 Haskell, Berkeley.
Architect...None.
Contractor...H. C. Rogers, 370 49th, Oakland.
COST, \$1200

(3011) LOT 4 BLK 9, Claremont, Berkeley. All work for two-story basement and attic dwelling.
Owner.....Mr. Bowman.
Architect...John Baur, Clunie Bldg., San Francisco.
Contractor...Bay City Bldg. Co., Inc.
Filed Oct. 10, '13. Dated Oct. 1, '13
Concrete work done and 1st floor joists\$347
Frame up and rough plumbing done 1347
Lathed and roof on 1347
Plastering completed 1347
Completed and accepted 1347
Usual 35 days 2245
TOTAL COST, \$8980
Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
2966	Croll	Aitchison	500
3002	Alexander	Brown	450
3007	Jost	Mulvaney	500
(2966)	NO. 1400 WEBSTER, Alameda.		
Alter saloon.			
Owner.....	J. G. Croll, Premises.		
Architect...None			
Contractor...Aitchison & Sons, 124 Taylor Ave., Alameda.			
			COST, \$500

(3002) NO. 1205 POST, Alameda. Add to dwelling.
Owner.....M. Alexander, Premises.
Architect...None.
Contractor...C. A. Brown, 2317 Alameda Ave., Alameda.
COST, \$450

(3007) NO. 1630 PACIFIC AVE., Alameda. Add to dwelling.
Owner.....J. B. Jost, Premises.
Architect...Wm. Dufour, 2325 Santa Clara Ave., Alameda.
Contractor...J. J. Mulvaney, 1812 Encinal Ave., Alameda
COST, \$500

OAKLAND BUILDING PERMITS.

Applied for at the Bureau of Permits and Licenses, Oakland, California.

For the Month Ending, September, 1913

Classification of Bldgs.	No. of Permits Issued	Cost
1-story dwellings	99	\$171,704.50
1-st dwlg with stores	3	9,293.00
1½-story dwellings	10	24,000.00
2-st dwellings	21	67,062.00
2-story flats	6	22,710.00
2-st flats and offices	1	9,000.00
3-story apartments	2	28,000.00
1-story stores	4	5,300.00
Church	1	2,500.00
1-st frm nickelodeon	1	5,000.00
1-st brick nickelodeon	1	3,750.00
2-st school (Assembly Hall)	1	12,935.00
1-story concrete office	1	1,000.00
1-story brick garage	1	350.00
2-story 8-rm dwelling and plumbing shop	1	2,000.00
Coal bunker	1	500.00
1-story warehouses	2	1,750.00
Work shops, tank frames and barns	6	1,500.00
Garages, sheds & stables	30	20,032.00
Alterations, additions and repairs	162	68,036.50
Total	354	\$456,424.00

TOTAL NUMBER OF PERMITS AND TOTAL COST.

New construction	191	388,387.50
Alterations, additions and repairs	162	68,036.50

TOTAL \$456,424.00 CESSATION OF LABOR.

Oct. 7, 1913—LOTS 41 AND 42 BLK 3 Map No. 6, Regents Park, Albany. Maria Sibbins with D E Hughes Work ceasedAug. 28, 1913

NOTICE OF NON-RESPONSIBILITY.
Oct. 6, 1913—LOT 21 BLK 13 Map Northbrae, Bkly. R S Kitchener as to improvements on leased property

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED	ACCEPTED
Oct. 1, 1913—N SUNNYSIDE AVE 35.62 E Oakland Ave E 32 N 74.73 NW 32 SE 73.36, Okd. Western Union Home Bldrs, Inc to W B Roberts.....Sept. 25, 1913	
Oct. 1, 1913—E SUNNYSIDE AVE Pth Lots 21 and 22 Map Amended Map Fairview Trct, Okd. Western Union Home Bldrs, Inc to W B Roberts.....Sept. 25, 1913	
Oct. 2, 1913—E 10 FEET LOT 8 BLK "F" Santa Fe Trct. No. 2. W E Holcomb to A Van Horn.....Sept. 29, 1913	
Oct. 2, 1913—E 15 FEET LOT 58 and W 20 feet Lot 59 Map Lawton Ave Tract, Okd. H Goranson to whom it may concern.....Oct. 2, 1913	
Oct. 2, 1913—LOT 24 and W 3 feet Lot 23 and E 22 feet Lot 25 Blk 95, Kellersberger Map of Okd. Martial Davoust to Oliver Legault.....Sept. 22, 1913	
Oct. 3, 1913—LOT 15 BLK "G" Map Fourth Ave Park; N Clark Ave 256.81 W Everett 40x114, Oakland. Blanche M Adams to whom it may concern.....Sept. 23, 1913	
Oct. 3, 1913—PTN LOT CONVEYED by John G Bray and W A Bray to Jos B Crockett by deed dated Aug. 13, 1866, recorded in Liber 5 Page 458, except lies in E-14th, Okd. Little Sisters of the Poor of Oakland to F P Walsh.....Sept. 29, 1913	
Oct. 3, 1913—LOT 23 BLK 15 Map No. 4, Regents Park, Albany. Carl Ericsson to whom it may concern .....Oct. 1, 1913	
Oct. 3, 1913—LOT 20 Map Lake Shore Park Heights, Okd. A B and Mattie V Stephens to Phil Sheridan.....Oct. 2, 1913	
Oct. 3, 1913—NW THIRTY-EIGHTH and Broadway N 44 NW 142.21 SW 91.71 E 150, Okd. Edward A Janssen to whom it may concern.....Oct. 3, 1913	
Oct. 3, 1913—W JACKSON 50 N 5th N 50xW 100, Okd. Eleanor M Dalton to whom it may concern.....Oct. 3, 1913	
Oct. 3, 1913—S EIGHTH 100 E Webster E 25xS 100, Okd. James Kenney to Henry McCoy Jr.....Oct. 2, 1913	
Oct. 3, 1913—LOT 23 BLK 5 Berkeley Square, Bkly. F R Peake Co to whom it may concern.....Sept. 30, 1913	
Oct. 3, 1913—E EVERETT 110 S Eagle Ave; No. 1722 Everett, Ala. George Nissen to Geo S Benuman.....Sept. 1, 1913	
Oct. 4, 1913—LOT 11 BLK 2 Map Live Oak Park, Bkly. Sarah Madison to whom it may concern.....Oct. 2, 1913	
Oct. 4, 1913—N 40 FT LOTS 1 2 AND 3, Sunset Tract, Okd. A Y Skee to whom it may concern.....Oct. 4, 1913	
Oct. 4, 1913—NE FORTIETH & OPAL SE 37.71 NE 99.59 NW 37.72 SW 101.13, Okd. J R and Estella Morse to Christiansen & Smith.....Oct. 2, 1913	
Det. 6, 1913—LOT 17 Map Jeannette Van Ah Tract, Okd. K M Sheridan to whom it may concern.....Oct. 1, 1913	
Oct. 6, 1913—LOT 115 and 20 feet Lot 116 Map A J Snyder's Piedmont Terrace-by-the-Lake, Okd. Mrs. Mary Schwartz to J A Parkinson and E G Lindsay.....Oct. 4, 1913	
Oct. 6, 1913—NW SIXTEENTH AND	

Jefferson W 150 N 85 E 60 N 15 E 100 S 100, Okd. Woodmel, of the World Bldg Assn to J C McLeod; O Kurtz; E T Leiter & Son, Kings Blce Co.; Pacific Floor Sanding Co, Inc; O Kurtz; W P Fuller & Co; Van Emon Elev Co., Oct. 6, 1913
 Oct. 7, 1913—N 100 E 100 N 100 E 100 S 100, Okd. Gertrude T Pottinger to whom it may concern, Sept. 20, 1913
 Oct. 8, 1913—LOT 10 PLK 87 Map Alpine Tract, except N 15 ft. 100, Okd. Mary A Sumway to whom it may concern, Oct. 4, 1913
 Oct. 8, 1913—S 100 E 170 E Colloze Ave E 76xS 102-5, Bkly. Twentieth Century Home Assn to Ben Pearson, Oct. 1, 1913
 Oct. 8, 1913—S 20 FEET LOT 1 and N 20 feet Lot 5 Bk 20 Map North-brook, Bkly. Standard Bldg Co, to whom it may concern, Oct. 1, 1913
 Oct. 8, 1913—LOT 7 PLK 2 Fourth Ave Heights, Okd. Abigail Elvira Stone to W B McChesney, Oct. 4, 1913
 Oct. 8, 1913—NE THIRTEENTH and Webster E 100xN 70, Okd. H A Powell to Oakland Concrete Terrazzo & Mosaic Co., Oct. 1, 1913
 Oct. 8, 1913—E 34 LOT 5 RANGE 7 Map Sdvns 6 and 7 Hardy Tract, Bkly. Ida A Long to H E Sullivan, Oct. 1, 1913
 Oct. 8, 1913—LOTS 4 AND 5 Bk 9 Map Ireywood Extension, Okd. W D Swim to M F and Edward Sommarstrom, Oct. 8, 1913
 Oct. 8, 1913—INTR SE SEVENTH AV produced SW with SW in land conveyed by Magnesite Dock & Land Co to Globe Constr Co NW 140 SW 454.06, Okd. Magnesite Dock & Land Co to Hyde, Harjes & Co., Oct. 8, 1913—SE SIXTEENTH AND San Pablo Ave NE 18.68 SE 80.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank to Pacific Rolling Mill Co., Oct. 6, 1913
 Oct. 7, 1913—NW TELEGRAPH AVE and 21st N 100 W 158-11 7-16 S 100 in along N in 21st 100 to pt of beg, Okd. Young Men's Christian Association of Oakland to C L Cummins, Sept. 20, 1913
 Oct. 9, 1913—N TWELFTH W E Harrison being E 5 feet Lots 1, 2, 3, 4, 5 and Lots 28, 27, 26, 25 Bk 171, Kellersbergers Map, Oakland. Geo P Baxter to Roger Coit, Oct. 8, 1913
 Oct. 9, 1913—LOT 8 Woodbine Court Tract, Okd. H P Henly to whom it may concern, Oct. 1, 1913
 Oct. 9, 1913—SE ROSE AVE 102 fm SW Greenback Ave SW 35 122.75 NE 33.54 NW 122.75 Piedmont. Jesse A Smart to United Home Bldrs., Oct. 6, 1913
 Oct. 8, 1913—BDED N BY COUNTY Road No. 1431, E land A Rogers S land J Marshall, M Gillet, Mrs Lealo and 13 acre tract belonging to owner, W by land Geo Belmont, Eden Tr. Margaret A Sullivan to Joseph Piltner, Oct. 1, 1913
 Oct. 6, 1913 LOT 16 PLK "A" Central Piedmont Tract, Oak and Twp. 104 T Bennett to Walter H Coit, Oct. 1, 1913

NOTICE OF NON-RESPONSIBILITY.

Oct. 10, 1913—LOT 4 Bk 5 Map Northbrook Station Tract, Berkeley Development Co as to Improvements on leased property.

LIENS FILED.

ALAMEDA COUNTY.

Oct. 1, 1913 LOT 27 PLK 100 vs Heights, Okd. P. J. vs Gallagher and his wife, San Jo. 25%
 Oct. 1, 1913—Lot 10 PLK 100 vs Central Piedmont Tract, D Sexton vs J. C. Cragmont, San Jose.
 Oct. 1, 1913—N 100 E 100 N 100 E 100 S 100, NW 1-1, Av. 100x100, Bkly. 75, N. 100x100, Lumber Co. vs J. C. Samuel Bldg Co.
 Oct. 3, 1913—E 100 E 100 E 100 E 100 S 100, Ave Heights, Okd. Thompson vs James G. James G. James G.
 Oct. 4, 1913—LOT 21 PLK 100 vs Mount T. Bldg. Co. vs Hams Milton T. Hams.
 Oct. 4, 1913—LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 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419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 193

ON TWELFTH STREET, bet Washing-
ton and Empire, San Jose. All work
for four-room frame dwelling.
Owner.....C. F. Leitz, San Jose.
Architect.....Wm. Regel, San Jose.
Contractor.....Wm. Regel, 344 8-15th,
San Jose.

Filed Oct. 7, '13. Dated Oct. 6, '13.
Frame up\$213.75
Plaster on 313 75
When completed 313 75
Usual 35 days 313 75
TOTAL COST, \$1255 00
Bond, limit, forfeit, none. Plans and
specifications filed.

NW SANTA CLARA & AUTUMN, San
Jose. All work for one-story frame
building.
Owner.....R. M. Higgins, 1010 Broad-
way, Oakland.

Architect...F. D. Wolfe, 1st National
Bank Bldg., San Jose.
Contractor...McCreary & Sampson, 593
Apgar, Oakland.

Filed Oct. 7, '13. Dated Oct. 6, '13.
When roof on 1/4
When plastered 1/4
Building completed 1/4
Usual 35 days 1/4
TOTAL COST, \$1391
Bond, \$1000. Sureties, O. L. Hawkins
and C. N. Bartsche. Limit, 65 days.
Forfeit, none. Plans and specifications
filed.

ON THE ALAMEDA, Hester School
Grounds, San Jose. Painting school
Owner.....Hester School District.

Architect...N. F. Marsh, Los Angeles.
Contractor...J. O. Soderstrom, San Jose.
Filed Oct. 7, '13. Dated Sept. 22, '13.

On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$2250
Bond, none. Limit, 40 days. Forfeit,
\$5. Plans and specifications filed.

Building Contracts.

SAN MATEO COUNTY.

LOT 9 BLK 9 Wellesley Park, Redwood
City. All work except finish har-
ware, floors materials, interior paint-
ing, etc., for one-story and attic
frame dwelling.

Owner.....Grover C. Elam.
Architect...Thos. Edwards
Contractor...Charles Miller.

Filed Oct. 2, '13. Dated Sept. 29, '13.
Grading done, foundations in and
rough frame work up\$678.50
Roof on, exterior finish completed
interior ready for wood trim. 678.50
Completed and accepted 678.50
Usual 35 days 678.50
TOTAL COST, \$2714.00

Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT
Oct. 8, 1913—LOT NO. 1 BLK 17
Amended Map of Town of San
Carlos. Loop-Wisnom Lumber Co
vs J H Plattner\$469.20
Oct. 7, 1913—PEORIA AND GREEN,
Daily City. Emycart vs Edith John-
son (Materials furnished to John
P Boulhard)\$28

COMPLETION NOTICES.

SAN MATEO COUNTY.

Oct. 4, 1913—LOT "X" BLK 6 Map No.
2, Burlingame Land Co. Henry T
Daley to W B Eaton.....Oct. 1, 1913
Oct. 4, 1913—LOTS 11 AND 17 BLK 14
Sub 2 of Burlingame Park. Nor-
man De Vaux to A A Linggofeller
.....Oct. 3, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE 2 story and base,
frame, \$3,000. Alamo, Contra Costa Co.
Cal.—Architect, Leonard H. Ford, 2154
Center street, Berkeley. Owner, W.
Watson. The house will contain seven
rooms, bath and sleeping porch. In-
terior finish will be of pine and red-
wood. Hardwood floors will be used
in the living room, dining room and re-
ception hall. There will be furnace
heat and open fire place. Mantel will
be of tile. Tile will be used in the
bath room and kitchen. Exterior of
the house will be covered with rustic.
Plans are complete and in the hands
of the owner who will take all figures.

BUNGALOW 1 story and base,
frame, \$2,000. Richmond, Contra Costa
Co., Cal. Architect, C. O. Clausen, Phelan
Bldg., S. F. Owner, C. O. Clausen.
The bungalow will contain six rooms
and bath. Interior finish will be of
pine throughout. Hardwood floors will
be used in the living room and dining
room. A large open fire place and
brick mantel will be used in the living
room. Tile will be used in the kitchen
and bath room. Exterior of the house
will be covered with rustic and cement
plaster. Plans are complete and the
work is being done by Day Labor.

SCHOOL—2 story and base, reinforced
concrete, \$75,000. Suisun, Solano Co.,
Cal. Architect, Henry C. Smith, Hum-
boldt Bank Bldg., S. F. Owners, Suisun
Union High School District. The
building will be practically fireproof,
and has been designed for a high
school. Besides a number of standard
size class rooms there will be domestic
science rooms and a manual training
department. Interior finish will be of
pine with maple floors. Plans provide
for a central heating system, program
clocks and a vacuum cleaning system.
Considerable marble and tile will be
used. Exterior of the building will be
faced with cement plaster. Plans are
complete and figures are being taken.
Bids will be opened on October 15th.
Plans and specifications can be secured
from the architect. Bids are being
taken both as a whole and segregated.

COURT HOUSE HEATING SYSTEM—
Cost not stated. Martinez, Contra Costa
Co., Cal. Engineer, W. F. Leland, Mer-
chants' Exchange Bldg., S. F. Owners,
Contra Costa County. Plans for the
complete alteration of the present heat-
ing system in the County Court House
are being prepared. The work will in-
clude an oil burning system. Bids will
be advertised for as soon as plans are
completed.

Building Contracts.

MARIN COUNTY.

LOT 20 Map Butler Tract, Kentfield.
All work except gas fixtures for one-
story frame bungalow.

Owner.....R. W. Belson, Kentfield.

Architect...None.

Contractor...Andrew Helbing.

Filed Sept. 19, '13. Dated Sept. 18, '13.
Frame up\$600
Brown coated 425
Completed and accepted 425
Usual 35 days 850
TOTAL COST, \$2300

Bond, \$1150. Sureties, Wm. Helbing
and Oscar H. Curtaz. Limit, 70 days
from recording. Forfeit, none. Plans
and specifications filed.

SITUATED ON COUNTY ROAD lead-
ing from San Anselmo to San Rafael,
adj. westerly the property of R. J.
Brode, Lot 40x130. All work for
one-story and attic frame cottage.

Owner.....Katherine Cahill.
Architect...W. Garden Mitchell and
Chas. Edw. Hodges, Bank-
ers' Invest. Bldg., S. F.

Contractor...William H. Dwyer
Filed Oct. 6, '13. Dated Oct. 6, '13.
Frame up, walls & roof sheathed
..... 25%
Rough plastering on 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$2419

Bond, \$1235. Surety, The Title & Guar-
anty & Surety Co. Limit, \$1 days.
Forfeit, \$5. Plans and specifications
filed.

AMENDED MAP Bush Tract, Lansdale
All work except shades, gas and
electric fixtures, grading, cement
floors and walk and all plastering to
walls and ceiling of basement for
two-story and basement frame resi-
dence.

Owner.....Joseph Dondero.

Architect...None.

Contractor...Norio Cavaglia.

Filed Oct. 1, '13. Dated Sept. 22, '13.
Frame up\$1550
Brown coated 1550
Completed and accepted 1550
Usual 35 days 1550
TOTAL COST, \$6200

Bond, none. Limit, 90 days from
granting of permit. Forfeit, none.
Plans and specifications filed.

SAN RAFAEL. Excavating, concrete,
carpenter, plumbing, plastering,
painting and electric work for one-
story and unfinished basement frame
structure.

Owner.....Deutsche Evangelische St.
Matthews Gemeinde of
San Rafael.

Architect...Thos. O'Connor.

Contractor...J. A. Kappenmann Jr., San
Rafael.

Filed Sept. 13, '13. Dated Sept. 11, '13.
Frame up\$1038.75
Enclosed and brown coated 1038.75
Completed and accepted 1038.75
Usual 35 days 1038.75
TOTAL COST, \$4155.00

Bond, \$1038.75. Sureties, Frank Reide
and J. A. Kappenmann, Sr. Limit, 75
days. Forfeit, none. Plans and spec-
ifications filed.

LOT 6 BLK 7 Lyon & Hoag Sub Sun-
nyside Tract. All work for one and
one-half-story frame dwelling.

Owner.....John D. Saxe and wife.

Agent.....Myrl R. Crane.

Contractor...Myrl R. Crane, 74 Miramar
Ave., San Francisco.

Filed Oct. 8, '13. Dated Oct. 7, '13.
2nd floor joists up\$571.25

1st coat plaster on..... 571.25
Completed and notice filed..... 571.25
Usual 35 days..... 571.25
TOTAL COST, \$2285.00
Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Sept. 5, 1913—PTN LOT 1 B as per map amended map No. 2 Bush Tract, San Rafael. G Siboni to whom it may concern.....Aug. 30, 1913
Sept. 11, 1913—LOT 9 BLK "O" Boyle Park, Mill Valley. P A Tucker to W W Seelye.....Sept. 1, 1913
Sept. 12, 1913—LOTS 212-213 Bush Tract, San Anselmo. Norman A Eisner to whom it may concern.....Sept. 2, 1913
Sept. 17, 1913—LOT 1 X 10 foot Lot 2 Osgood Trct, San Anselmo. Mark Sherwin to Le Cornee & Warden.....Sept. 12, 1913
Sept. 1, 1913—LOTS 1-A, 1, 2 and S ½ Lot 3 Blk 21 Section 2 Sequoia Park, San Anselmo. M T Fazaac-kerley to Louis J Deibel.....Sept. 16, '13
Sept. 27, 1913—PTN CULLODEN PK Tract Forbes Addn, San Rafael. Flora M Graham to S Sywell.....June 7, 1913
Sept. 29, 1913—Lot 4 BLK 4 Winship Tract, Ross. Mrs D Robertson to M C Vaughn.....Sept. 4, 1913
Sept. 30, 1913—LOT 28 and S ½ Lot 29 Map Granton Park, Kentfield. Ambrose B and La Vere L Brown to whom it may concern.....Sept. 29, '13
Oct. 6, 1913—LOTS 19 and 20 BLK 9, Fairfax Manor. Marie Louise May to whom it may concern.....Oct. 3, 1913
Oct. 7, 1913—LOT 205 Fairfax Heights Rocca Land Co to whom it may concern.....April 14, 1913
Oct. 7, 1913—LOT 202 Fairfax Heights Fairfax. Rocca Land Co to whom it may concern.....Oct. 6, 1913
Oct. 7, 1913—LOT 174 Fairfax Hghts, Fairfax. Rocca Land Co to whom it may concern.....June 30, 1913

LIENS RELEASED.

MARIN COUNTY.

RECORDED AMOUNT
Sept. 18, 1913—BDED BY GRAND, Magnolia and Atacia Ave, San Rafael. Jas Cantley to John J Hughes and M V Brady.....\$85

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Oct. 6, 1913—LOT 25 BLK 30 Amended Map of City of Richmond. B A Marshall vs W F Logan, J E Bouquet and Pereira.....\$90

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Oct. 4, 1913—PROPERTY IN ALHAMBRA Valley near Martinez known as Spring Hill Farm. Fred K Burnham to Karl M Nielson.....Sept. 26, 1913
Oct. 6, 1913—WHARF ON Shore of Suisun Bay. Associated Oil Co to

Hyde-Harjes & Co.....Sept. 30, 1913
Oct. 7, 1913—LOT 14 BLK "P" Map No. 3 of Town of Point Richmond Hoyt & Greene Inc to C D Knolty.....Oct. 1, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, W. F. Bowen, Fresno. Owner, Dr. F. V. Randel. The house will be erected on Carmel street near Olive and will contain seven rooms and bath. Interior finish will be of pine and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now out for figures.

RESIDENCE—2 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, W. F. Bowen, Fresno. Owner, J L Watkins. The house has been designed for a seven-room residence with bath and sleeping porch. Interior finish will be of pine and some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

HOTEL—2 story and base, brick, \$20,000. Fresno, Fresno Co., Cal. Architects Swartz-Hotchkins and Swartz, Rowell Bldg., Fresno. Owner, C. W. Musick. Contractor, D. A. Evans, Fresno. Contract price, \$20,000.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor Jobs are reported as about to be started in Stockton: A. L. Healey, 527 East Anderson street, Stockton, 4, 1 story frame bungalows, \$1,200 each; Edward Cureton, 1428 North Center street, Stockton, 1 story frame cottage, \$1,000; Jerry Metaxis, Stockton, 1 story frame cottage, \$600; H. Hill, 1328 East Channel, Stockton, 1 story frame residence, \$2,000; N. Bacon, 837 North Madison, Stockton, 2 story frame residence, \$2,400, and Dr. F. S. Siuron, Stockton, 1 story frame bungalow, \$2,000.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor Jobs are reported as about to be started in Sacramento: E. A. Pierce, 3526 Park avenue, Sacramento, 2, 2 story frame dwellings, \$5,500; E. A. Pierce, 3526 Park avenue, Sacramento, 3, 1 story frame dwellings, \$9,600; C. H. Chatterton, 3126 T street, Sacramento, 1 story frame dwelling, \$2,950; T. Schuckerr, 2602 California

avenue, Sacramento, 1 story frame dwelling, \$1,300, and Mary Governor, 511 P street, Sacramento, 1 story four-room cottage, \$600.

GARAGES—2 1 story frame, \$1,000 each. Stockton, San Joaquin Co., Cal. Architect, none. Owners, J. Geiger, 125 East Lindsay and E. G. Myers. Both of these buildings have been designed for private garages and will be erected in the rear of the respective owners' residences. Cement floors will be used in each. Exteriors will be covered with rustic. Plans are complete and the work will be done by day labor.

OFFICES—2 story and base, brick, \$28,500. Sacramento, Cal. Architect, none. Owners, Sacramento Natural Gas Co. This building will be erected on Second street and will be occupied by the company as a general office. Interior finish will be of pine and hardwood. Floors will be of cement. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners, who will do the work by day labor. All materials are now being purchased.

ELEVATOR WORK STATE CAPITOL.—Cost not stated. Sacramento, Cal. Architect, State Department of Engineering, Sacramento. Owner, State of California. Bids are now being called for remodeling elevator grilles and installing two new passenger elevators in the State Capitol at Sacramento. Plans, specifications and full particulars can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

Building Contracts

SACRAMENTO COUNTY.

W 3, 4 OF S ½ OF LOT 1, J, K, 11TH and 12th Sts., Sacramento. Alter building.

Owner.....W. H. Bradler, 1015 H St., Sacramento.

Architect.....None.

Contractor.....Mathews Constr. Co., 334 Forum Bldg., Sacramento.
COST, \$3000

W ½ LOT 3 I, J, 13TH AND 14TH STS., Sacramento. Apartment house.

Owner.....W. H. Bath, 1011 F St., Sacramento.

Architect.....None.

Contractor.....J. J. Harvey, 2009 F St., Sacramento
COST, \$30,000

LOTS 5 AND 6 W, X, 1ST AND 2ND Sts., Sacramento. Building.

Owner.....Sacramento Natural Gas Co., 427 J St., Sacramento.

Architect.....None.

Day's work.....COST, \$28,500

E 36 FEET LOT 7 BLK 6, Oak Park, Sacramento. Residence.

Owner.....Mary O'Neill.

Architect.....None.

Contractor.....B. H. Hill, 3215 4th Ave., Sacramento.
COST, \$1850

W 54 FEET LOT 7 O, P, 5TH AND 6TH Sts., Sacramento. Erect four-room dwelling.

Owner.....Mary Governor, 511 P St., Sacramento.

Architect.....None.

Day's work.....COST, \$600



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Owner.....C. H. Chatterton, 3126 T St., Sacramento.

Architect...None.

LOT 27 HIGH SCHOOL TCT., Sacramento, Erect dwelling.

Day's work. COST, \$2950

LOT 1, V. W. 29TH AND 30TH STS., Sacramento, Erect three dwellings.

Owner.....E. A. Pierce, 3526 Park Ave, Sacramento.

Architect...None.

BOXLER TRACT, Sacramento. Two-dwellings.

Owner.....E. A. Pierce, 3526 Park Ave, Sacramento.

Architect...None.

Day's work. COST, \$5500

NO. 810 K ST., Sacramento. Alter store.

Owner.....Morgan Shoe Co.

Architect...None.

Contractor...Sellers Bros., 1614 13th St., Sacramento.

COST, \$1000

LOT 40, 28TH ST. TRACT, Sacramento. Erect dwelling.

Owner.....T. Schlucke, 2602 California Ave., Sacramento.

Architect...None.

Day's work. COST, \$1200

N 20 FEET LOT 7 BLK 55, Oak Park. Building.

Owner.....Vincent Marinkovich.

Architect...None.

Contractor...John A. Silva, 415 11th St., Sacramento.

Filed Oct. 2, '13. Dated Aug. 29, '13.

COST, \$4200

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 15 BLK 93 W OF CENTER. Stockton. All work for two-story frame residence.

Owner.....Mrs. J. McInnes, 1114 Lindsay, Stockton.

Architect...R. P. Morrell, 12-15 I. O. O. F. Bldg., Stockton

Contractor...Chain & Shepard, 1426 N. Edison, Stockton.

Filed Oct. 3, '13. Dated Oct. 2, '13.

Lumber on site and 1st story joists in place\$ 800.00

Roof on, building enclosed and rough plumbing in 1000.00

When accepted 821.00

Usual 25 days 876.50

TOTAL COST, \$3497.50

Bond \$1748.75 Sureties E. J. Bachroch Chris Otten and R. Brandt Limit, 90

days. Forfeit, none Plans and specifications filed.

LOT 4 BLK 52 S M C, Stockton. Erect frame building.

Owner.....A. L. Healey, 527 N-Anderson St., Stockton.

Architect...None.

Day's work. COST, \$1200

LOTS 4 AND 6 BLK 52 S M C, Stockton. Erect frame building.

Owner.....A. L. Healey, 527 N-Anderson St., Stockton.

Architect...None.

Day's work. COST, \$1200

LOT 6 BLK 52 S M C, Stockton. Frame building.

Owner.....A. L. Healey, 527 E-Anderson St., Stockton.

Architect...None.

Day's work. COST, \$1200

LOT 8 BLK 72 S M C, Stockton. Frame building.

Owner.....A. L. Healey, 527 E-Anderson St., Stockton.

Architect...None.

Day's work. COST, \$1200

LOT 10 BLK 52 S M C, Stockton. Frame building.

Owner.....A. L. Healey, 527 E-Anderson St., Stockton.

Architect...None.

Day's work. COST, \$1200

LOT 14 BLK 70 E N of 8 line of Miner Channel, Stockton. Frame bldg.

Owner.....Edw. Cureton, 1428 N-Center St., Stockton.

Architect...None.

Day's work. COST, \$1000

LOT 6 BLK 113 S M C, Stockton. Frame building.

Owner.....Jerry Metaxis.

Architect...None.

Day's work. COST, \$600

LOT 3 BLK 234 E, Stockton. Erect frame building.

Owner.....H. Hill, 1328 E-Channel, Stockton.

Architect...None.

Day's work. COST, \$2000

LOT 15 BLK 4, Survey 2939, Stockton. Erect frame garage.

Owner.....J. Geiger, 125 E-Lindsay St., Stockton.

Architect...None.

Day's work. COST, \$500

LOTS 2, 6 AND 14 BLK 272 E, Stockton. Erect galvanized iron shed.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Owner.....Holt Mfg. Co., Aurora St. Cor. Church, Stockton.

Architect...R. P. Morrell, Yosemite Bldg., Stockton.

Engineer...Engineering Dept. Holt Mfg. Co.

Day's work. COST, \$500

E 100 LOT 15 BLK 51 W, Stockton. Erect frame building.

Owner.....N. Bacon, 837 N-Madison St., Stockton.

Architect...None.

Day's work. COST, \$2400

LOT 11 BLK 54 S M C, Stockton. Erect frame building.

Owner.....Dr. F. S. Siuron.

Architect...None.

Day's work. COST, \$2000

LOT 15 BLK 100 E, Stockton. Erect frame garage.

Owner.....E. G. Meyers.

Architect...None.

Day's work. COST, \$500

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED

Oct. 2, 1913--W 60 FEET LOT 6, J. K. 13th and 14th Sts., Sacramento. J

D Lauppe to Lindgren & Co.....

.....Sept. 20, 1913

PORTLAND AND OREGON.

HOTEL--2 story and base, brick and steel, \$35,000. Portland, Ore. Architect, Robert F. Tegen, Morgan Bldg., Portland. Owner, A. L. Parkhurst. The building has been designed with store on the first floor and a number of guest rooms on the upper floor. Foundations and walls are heavy enough to carry an additional story. Plans provide for steam heat and a hot water system. Interior will be finished in pine and redwood. Stores will have patent fronts and plate glass windows. A marble base will be used. Exterior of the building will be faced with pressed brick. Plans are being figured.

STORES--2 story and basement brick, cost not stated. Portland, Ore. Architects, Camp and De Puy, 426 East Alder street, Portland. Owner, P. L. Leach. The building, which has been designed for an undertaking establishment, will be erected on East Sixth street at the corner of Washington and will cover a ground area of 50 by 50 feet. Interior finish will be of pine and white enamel. Some art glass will be used. Upper floor will be fitted up for living rooms. Plans provide for steam heat. Exterior of the building will be faced with

pressed brick. Plans are complete and figures will be called for shortly.

Contracts Awarded.

HOTEL—3 story and base brick and steel, \$30,000. Portland, Ore. Architect, A. C. Ewart, Beck Bldg., Portland. Owner, J. M. James. Contractor, A. C. Maier, Builders' Exchange, Portland. Contract price, \$29,000.

SEATTLE AND WASHINGTON.

FACTORY—1 story and base reinforced concrete \$150,000. Edmonds, Wash. Architects, Walters, White and Walters, Cray Bldg., Seattle. Owners, Pacific Ramble Manufacturing Co., Arcade Bldg., Seattle. This building will be of reinforced construction and will cover an area of 163 by 285 feet. The roof area is to be divided into sections of the saw tooth design on each side of which will be all glass. A cement floor will cover the entire area. Metal window sash and frames and fireproof doors are specified. An automatic sprinkler system will be installed. Besides the main factory building a boiler house 22 by 25 feet in dimensions will be constructed. Exteriors of both buildings will be faced with cement plaster. Plans are now being prepared.

COLD STORAGE WAREHOUSE—4 story reinforced concrete \$170,000. Seattle, Wash. Architects, Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. This work has been mentioned here before. Plans for the foundation work are now complete and figures are being taken. The big structure will be erected at the foot of Bell street and will be fireproof throughout. Exterior will be faced with cement plaster. Full particulars, plans and specifications can be had from Capt. C. O. Powell, Central Bldg., Seattle.

THEATRE AND OFFICES—4 story and base. Class A construction, \$700,000. Seattle, Wash. Architect, B. Marcus Prentice, Empire Bldg., Seattle. Owner, Alex. Pantazes. The building will be erected at the corner of 3rd and University streets, covering an area of 119 by 120 feet. Construction will be fireproof throughout. The building, having a complete steel frame walls and floors of reinforced concrete and interior partitions of hollow tile and metal stud and plaster. Plans provide for steam heat, air up stairs, shipway, banquet hall, theatre, vacuum cleaning and elevator service in the office section. Metal window sash and frames will be used. Interior will be finished with tile and hardwoods with a large amount of ornamental plaster in the lobby. Marble and tile will also be used. Exterior will be faced with white stucco terra cotta. Plans are complete and figures will be called for shortly. All parts of the work will be suggested.

THEATRE—2 story and base. Class A construction, \$30,000. Spokane, Wash. Architect, F. W. Hinton, 10th Bldg., Seattle. Architects, Alex. Paulsen, Paulsen Bldg., Spokane. The building will have a complete steel frame and reinforced concrete walls and floors. Exterior will be faced with cement plaster. The entire building will be devoted to the theatre and will have a seating capacity of 1,000 seats. Interior will be finished with tile, hardwoods and ornamental plaster. Plans provide for modern stage and ventilation and steam heat. The theatre

marble and tile will be used. Plans are now being prepared.

APARTMENT HOUSE—7 story and base, reinforced concrete, \$70,000. Vancouver, B. C. Architect is Hepler and Archer, Dominion Bldg., Vancouver. Owner's name withheld. The building will have a frontage on Pender street of 55 feet and a depth of 88 feet. Suites will be arranged in two and three rooms. All apartments will have private bathrooms and wall beds. Interior finish will be of pine and hardwoods. Besides the suites the building will contain amusement rooms and lobby. Plans provide for steam heat, two electric elevators, a vacuum cleaning system and other modern conveniences. Considerable marble and tile will be used. Exterior of the building will be faced with cement plaster. Bath rooms will be finished in tile and cement plaster. Plans are being prepared.

COURT HOUSE—4 story and base reinforced concrete and steel, \$300,000. Walla Walla, Wash. Architect Osterman, Walla Walla. Owners, Walla Walla County. The building will occupy the center of a large public park and will cover an area of 116 by 188 feet. The design is in the classic style. Interior has been arranged for two large court rooms besides offices for all county officials. Construction will be fireproof throughout with a complete steel frame, walls and floors of reinforced concrete and interior partitions of hollow tile or metal stud and plaster. A number of fireproof vaults will be specified. Marble, tile and ornamental plaster work is also specified. Interior finish will be of pine and hardwoods. Exterior of the building will be faced with cement plaster. A large dome and a statue of Liberty have been eliminated, reducing the cost of the building to about \$100,000. Working drawings are being completed and bids will be called for shortly.

RAINFALL AND TIMBER INDUSTRY.

It is refreshing to be able to fall back on solid fact where there is so much speculation concerning a coming calamity. The Board of Water Commissioners of St. Paul, Minn., recently published the records of the annual rainfall of St. Paul for seventy-five years. This goes back to 1837. At that time not 100,000,000 feet of lumber had been cut in the Upper Mississippi valley, while here the trend was toward the rise of the lumber industry, the domination of the western pine trade in the timber, the ravages of the homestead and pulpwood industries in the decade following and the removal of the center of the lumber trade to the South. Because the once proud forests of the North had become almost slashings and cultivated farms. If the ravages of man have any effect on the climate of the Mississippi valley, this record surely must reveal it.

The average annual feet of the seventy-five years is somewhere under 40 inches. The driest single year was 1910 but the season with only 10.21 inches of rain, one between two seasons when rainfall was 100 inches. The average for the two driest seasons, the years were 1857 and 1867, both of the cutting of timber and lumber. At the impression of the National Forest Association, the Secretary is, "In the forest, the wettest

single year of the seventy-five was 1911.

But the averages are even more impressive. The average rainfall for the first ten years of the seventy-five was only 31 per cent of the average for the whole period. The average for the first seventy-five was only 91 per cent of the average for the entire time, while the average for the first fifty years was but 99 1/2 per cent of the average for the whole.

In other words: Instead of progressively growing less during the seventy-five years which have seen the wanton destruction of the forests of the Upper Mississippi watershed, the rainfall at St. Paul, taken by twenty-five year periods, has been slowly increasing—St. Louis Republic.

FOREST SERVICE OUTLINES WORK.

Albert Du Bois, District Forester of the United States Department of Agriculture, has issued the following statement relative to the work of that department and its attitude in co-operating with communities fighting fires outside of the national reserves:

"During the recent period of drought and high winds, when disastrous forest and brush fires were prevalent throughout California, many demands for assistance outside of the national forests were made on the office of the United States Forest Service in San Francisco by corporations and citizens whose property was threatened.

"The President has set aside nine hundred national forests in California, and Congress has appropriated certain funds for their protection and development. The forest service, charged with this work, is not authorized to spend money for the time of its officers, which is the same thing in putting fires outside the national forests unless it becomes necessary to do so for the protection of the national forests themselves.

"When the protection of rural property is beyond the resources of the local residents, the towns, or the counties, the citizens must look to the State Government for aid.

"When a situation arises so serious as to be a public calamity threatening life and property, any officer of any United States service is justified in employing whatever authority he may have or whatever means may be at his disposal toward restoring the situation to normal. Such was the case when the United States troops and the forest service co-operated to fight the fire on Mount Tamalpais which threatened the densely populated residence district.

"With in the national forests a fire prevention and suppression system is maintained at an annual expense to the Government of from \$140,000 to \$250,000 depending on the severity of the season. The system comprises about 10,000 men in the field, ninety lookout stations equipped with fire detecting and locating devices, over 3,000 miles of Government owned telephone line, and cooperators with a equal mileage of privately owned fire patrol stations, 4,000 fire fighting engines, motorcycles and auto speeders, etc. It provides for the organization in advance of fires of all available volunteer help, some 10,000 men and for their quick transportation. Transportation, and immediate relief for services in case of fire

"This system has handled 1150 separate fires so far this season, 88 per cent of which were discovered, reported, reached and extinguished before they reached ten acres in size. Since September 1st over 218 fires have been extinguished, four of which reached serious proportions, or over 1000 acres, eight more being between 100 and 1000 acres and the remaining 206 held below 100 acres.

"Very businesslike terms of co-operative fire protection are offered by the Forest Service to owners of land within the national forests. I would be very glad to explain these terms in detail to any land owner whose property is so situated that it can be covered into this protection system."

FRAUD ALLEGED IN TIMBERLANDS

SALEM (Ore.), October 9.—The C. A. Smith Lumber Company, of which the Smith-Powers Logging Company is an affiliated corporation, has been called upon by Governor West to defend its title to approximately 10,000 acres of timber lands in this State. The Governor declares he has information which indicates the land was obtained by fraud, by means of dummy selections of school lands. The Smith-Powers logging plant, of which W. H. Powers is manager, was prominently connected with the recent Industrial Workers of the World deportation cases at Marshfield. Today the Governor sent the following telegram to C. A. Smith at San Francisco:

"You may have a hearing at this office any day this or next week that you suggest to show cause why this office should not bring suit on the part of the State to set aside, on the ground of fraud, certain State deeds covering a large acreage of timber lands held by you. Please do not send your man Powers, for, owing to his recent outlaw activities, I will not discuss the matter with him."

OAKLAND ANTIOCH TO LOWER TIME.

Electricity will take another spurt in its race against steam between Oakland and Sacramento when the Oakland, Antioch and Eastern's new time schedule goes into effect in about ten days. The interurban electric system, which is making a strong bid for the passenger traffic between the bay and the capital, so long monopolized by the Southern Pacific, has announced another cut in its running time. Each of the eight daily trains over the route will make the trip between Sacramento and San Francisco in three hours and fifteen minutes, according to the new time card. This will make the average running time of the Oakland-Antioch trains equal to the best time made by the Southern Pacific flyers, only one or two of which attempt to equal this record.

The Oakland-Antioch officials have tested their new roadbed thoroughly, and they are satisfied that the new schedule can be maintained without difficulty.

POWER PLANT IN SIERRA.

OROVILLE (Butte Co.), October 9.—An appropriation of waters of the Middle Fork of the Feather River to be used for the generation of electrical power by a plant to cost \$360,000,

was filed with the County Clerk here Tuesday afternoon by Sacramento capitalists.

Among the Sacramentans behind the project are L. F. Breunert, F. G. Eby and S. H. Whisner.

The filing states that a power plant capable of developing 60,000 horsepower is to be constructed within five years. A fall of 1000 feet from the point of diversion of the water is secured.

A feature of the project will be a dam capable of impounding 15,000,000 cubic feet of water.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.

The suggestion is made that all communications to consular officers be addressed

The American Consul,

At _____,

the name of the officer not being given. Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11734. **Automobile accessories.**—An American consular officer in Canada has forwarded the name of a well-established firm which desires to receive from American manufacturers catalogues and price lists of automobile accessories.

No. 11736. **Cottonseed oil.**—An oil mill in Europe now working on peanuts and other edible seeds has a refinery and deodorizing plant. The owners have a large trade in the best grade edible oils, and inform a commercial agent of the Department of Commerce that they would be interested in cottonseed oil to deodorize and mix with other oils.

No. 11737. **Piano sounding boards.**—An American consul in a European city has received a letter from an important piano manufacturer in that city in which he states that in consequence of the increasing cost of spruce wood for sounding boards in the European markets, he has decided to negotiate with producers in the United States. The inquirer is anxious to place a small trial order, to be paid for immediately on receipt if it conforms to purchase conditions. Correspondence should be in Spanish.

No. 11738. **Artesian well drills, heating plant, and other machinery.**—A report from an American consul states that a resident of his district has requested to be furnished with catalogues of American firms manufacturing artesian well drills, steam and hot-water heating plants, general sanitary equipment and appliances, equipment for slaughterhouses, ovens for burn-

ing refuse and dead animals, and gold-mining machinery, both placer and quartz. The inquirer advises that he has, up to the present, imported machinery from Germany, but that neither he nor his clients are satisfied with the same and wish to secure American products. Correspondence should be in Russian, and prices should be quoted c. i. f. port of destination. If impossible to make c. i. f. quotations, prices should be given f. o. b. American seaboard, and shipping weights and measurements as well as freight rates stated.

No. 11739. **Fire apparatus.**—The American consular agent at Nelson, British Columbia, reports that the City of Nelson is considering the purchase of a motor hook and ladder truck for use in the fire department. Manufacturers of this equipment should communicate with the City Clerk, City of Nelson, British Columbia, Canada, for details regarding requirements.

No. 11740. **Snow plows and track cleaners for electric railroads.**—The director of a foreign tramways company informs an American consulate that he desires catalogues, prices, and full particulars for snow plows and track cleaners for electric street railroads. The type most desired is one to be attached in front of the cars. In view of the probable extension of street railways into a hilly country later, there may also be opportunity for the sale of larger plows and cleaners than are desired at present. Correspondence may be in English.

No. 11733. **Tenders for metal bridge.**—The American consular agent at Nelson, British Columbia, reports that bids are called for furnishing the material and erecting a metal bridge across the Kootenay River at Taghum, British Columbia, a few miles below Nelson. It is reported that work will be started this fall. Information may be had from the Public Works Engineer, Victoria, British Columbia, or from the Government Agent at Nelson. Tenders will be received until October 14.

No. 11727. **Cottonseed oil.**—An oil mill in Europe making high grade peanut oil is now constructing a plant for hardening edible oils by a hydrogen process that is said to be free from the objectionable trace of nickel that has been found in most of these oils. The hardened oil will be sold to the Margarin factories. A commercial agent of the Department of Commerce writes that the plant will be in operation in November, and if successful may buy a lot of fine cottonseed oil to harden and supply to this almost unlimited demand.

No. 11728. **Hardware, electric apparatus, and machinery.**—A business firm in Australia has written an American consulate that it is prepared to represent two or three good American manufacturers. Its business is that of manufacturers' agents, and is confined mostly to all the large wholesale buyers throughout the different Australian States. The firm writes that the lines it could push best would be confined to the hardware, electrical, and machinery trades, and it would be able to handle the following articles: Tools (pliers, files, wrenches, gardening tools, etc.), builders' hardware, enamel and aluminum ware, household appliances, and labor-saving devices.

No. 11731. Motor lifeboat.—A foreign business man informs an American consulate that he desires to purchase a lifeboat equipped with a motor. The speed of the boat should be from 10 to 21 miles an hour, and the motor is to be run with kerosene as fuel. The boat should be from 25 to 30 feet long, seaworthy, and able to stand rough weather. An ordinary sea-going motor boat will not answer the requirements, and the inquirer only wishes to receive specifications or catalogues covering lifeboats equipped with motors. Correspondence may be in English, and prices should be quoted c. i. f. port of destination, with approximate date of delivery.

No. 11731. Catalogues of motor cars and motor boats.—An American consul requests that manufacturers, especially those of motor cars and motor boats, file in his office as soon as possible their catalogues and price lists for 1914.

No. 11729. Machinery for wagon makers' shop.—A report from an American consul in South Africa states that a letter has been received at his office requesting illustrations and prices of machinery for wagon makers' shop. A circular bench saw, post hand saw, and planing machine were specifically mentioned, but from the letter it seemed apparent that a complete outfit for a small shop is required.

No. 11713. Motor fire truck.—A report from an American consul in Canada states that a local board of fire commissioners has under consideration the purchase of a motor truck. It is proposed to purchase a machine that will be a combined steamer, chemical, hose, and ladder truck.

No. 11716. Port works.—Tenders for the construction of important and extensive port works, estimated to cost about \$6,500,000, at Porto Alegre, Rio Grande do Sul, will be received by the Secretario de Estado Negocios das Obras Publicas of the State of Rio Grande do Sul, Brazil, until October 29. The general conditions and description of the character of the work to be undertaken, comprising sea wall, warehouses, and complete installation of a maritime port with loading and discharging equipment, can be obtained upon application to the Bureau of Foreign and Domestic Commerce. The American consul general at Rio de Janeiro writes that nothing can be accomplished toward securing the whole or a part of this contract by American firms unless bids are submitted by a local agent who can satisfy the Government as to the competency and financial responsibility of the firm bidding and who is prepared to give a cash bond for the faithful performance of the work.

THE WORKMEN'S COMPENSATION ACT.

On January 1, 1914, the new Workmen's Compensation Act goes into effect. One of the best parts of that law is that which authorizes the State of California to go into the business of insuring employers against industrial accidents. Heretofore all such insurance policies have been written by private companies.

It was considered a fortunate and only just to the employer that if the State made it compulsory for him to com-

pensate his injured workmen, it in turn should see to it that he should be able to get insurance at cost to cover the risks of industrial accidents.

The man who will have charge of that part of the work will undoubtedly have his hands full. He and his assistants will decide what insurance rates shall be charged by the Industrial Accident Commission, so as to make the business self-supporting. He will make settlements, resist unjust claims, make it possible for everybody to get insured just as easily as they now get justice stamps or money orders, and must manage the business so as to make it pay for itself.

The State will compete with the large number of private companies which are already in the field. It will make no attempt to monopolize the business to the exclusion of private capital. All that it will aim to do will be to furnish the employer with the most satisfactory sort of compensation insurance and at the most satisfactory rates.

California is the first state in the Union to take up this form of state activity. Other states have tried other ways of meeting the problems involved, but not one of them has ever gone into the business of writing compensation insurance in competition with private companies.

REFORMS IN PRISON MANAGEMENT

California is accomplishing some big things in prison management. Bread and water diet is proving much more successful in maintaining discipline than was the cruel straight jacket in use some years ago. Only two per cent and a fraction of the men released on parole engage in crime again. No other State equals California's record. The success of the parole system is complete.

Segregation of criminals will soon be possible at San Quentin. The first term and the man who wants to reform will be kept apart from the hardened prisoners. The hated stripes will be replaced by a less offensive uniform for those convicts who show good purpose.

A new cell building will be completed at San Quentin before the first of the year, and segregation can then be carried out. The new building at Folsom will not be finished till later and segregation will be delayed at that institution.

Penitentiaries have, with considerable degree of correctness, been regarded as schools for crime. Under the new administration of prison affairs in this State much is being accomplished toward removing this reproach.

AWARDS CONTRACT FOR BRIDGE APPROACH.

MARYSVILLE (Yuba Co.), October 10.—Following a conference held with the Board of Supervisors of Yuba County, the City Council Wednesday afternoon awarded the contract for the building of the new approach to the Feather River Bridge to George W. Martin & Son of San Francisco, whose bid was \$29,900. The Supervisors, in consideration of the fact that the approach and bridge are to be a part of

the State Highway, agreed to pay one-half of the cost.

Work is to commence within twenty-one days after the signing of the contract, and the bridge must be completed within five months. The approach is to be of concrete with a timber flooring. The foundation for the piers will be six feet below the surface. It is estimated that the total cost of the approach will be \$24,000. The Supervisors limited their share to \$12,000. They insisted upon a clause in the contract providing for a twenty-ton roller test upon the completion of the structure.

The State Highway Commission and the members of the State Reclamation Board have approved the plans.

SACRAMENTO TO SAUSALITO.

SANTA ROSA (Sonoma Co.), October 10.—Rumors that the Hotelings and other interests have under consideration the construction of an electric railroad from Sacramento to Sausalito, reducing the distance from the State Capital to San Francisco by forty miles, reached the ears of the Supervisors of Sonoma and Marin Counties Wednesday and caused them to delay the choice of a site for the construction of a joint bridge across the Petaluma River at Black Point, in connection with the Black Point cutoff.

It was said that the railroad project will be decided in about two weeks.

WHERE PUBLIC POLICE IS AT STAKE.

Conservation involves a great public policy. It is probably the most vital public concern of this period and of the near future.

Everybody feels that the people themselves must determine the conservation issue.

At the basis of the right of the Nation to draw public domain from private to conserve its natural resources has been the power of the President to occupy. By this means President Roosevelt conserved the best of the natural resources of Alaska, and conserved great Western forests.

The United States Supreme Court has been asked now to decide whether the President has the right to withdraw public lands from entry. The request has been made by Judge Hook of the United States Circuit Court of Appeals, who very properly wished so important a question to be determined judicially by the highest judicial tribunal.

It is dry statement of supremely important facts presents sharply the predominant power of the courts in the American governmental plan. No one need dispute that the judicial department ought to have the power to veto or overrule the executive department and the legislative department. Perhaps that is necessary. But since the courts do have the final delegated power in matters of vital public policy the fact of their power must be no longer backed.

When that fact is understood there will come with it a general understanding of why it is essential to the life of the Nation that the courts shall be in harmony with the people.—Kansas City Star.

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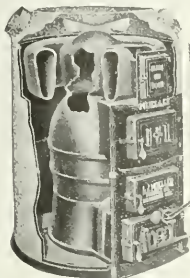
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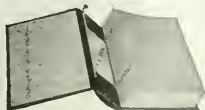


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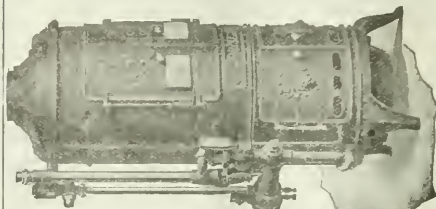
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Gross Co., Felix
Gruen & Co., J. S.
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Roman Co.
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Western Develop.
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Gilbertsen & Johns
Gilson, John E.
Haguen, B. R.
Holding & Carman
Johnson, J. W.
Koberling, Jos.
Koldenstrott, P.
McWhirter, Wm.
Mealey & Collins
Millerick, Phil. J.
Mills, Chas.
O'Rourke, T. F.
Reed & White
Tingberg, John
Watson Bros.
Whitney & Davies

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Whitler - Coburn Co.
Woods & Huddart

Cement Dealers.
Ageltinger, E.
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City Supply Co.
Cowell Lime & Cement Co.
Dwan & Co., J. E.
Guerin & Co., J. S.
Holland, J. P.
Quality Lime & Cement Co.
Lilly & Thurston

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Gladding

Floors, Composition.

Artolth Mfg. Co.
Bender R.&P. Co.
J. W.
Dwan Co. J. E.
Fibre Stone &
Roofing Co.
Flaherty R. & P.
Co. R. H.
Goodmansan, A. K.
Malott, Peterson
& Adams
Watsonite Co.

Floors, Hardwood

Calif Parquet F.
Co.
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.
Gutvanized Iron.

Baker & Hamilton

Berger Mfg. Co.

Gas Fixture.

American Gas &
Elec. Fixture Co.
Cal. Gas & Electric
Co.

Day Co. Thomas

Gas Heating Sys-
tems.

Detector System

Gas Heating Co.

Gasoline Tanks & Pumps.

Deming, E. R.

Glass & Glazing.

American Plate and Window
Glass Co.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.

Fuller Co., W. P.
Grosslicht & Din-
niene

Hahnicht &
Howlett

Mission Plate &
Window Glass Co.

Pioneer Plate &
Window Glass Co.

Schwarz & Gott-
lieb

United Glass
Works (Inc.)

Grading.

Branck, J. P.

Button, J. V.

Cassaretto, John

Diveincenzi & Co.,
L.

Dillon Teaming
Co.

Gallen & Carlin

Hartnett J. J.

Holland, J. P.

Lennon Co., J. E.

Leifer, Fred

Luggen, Ernest

McGlinchey &
Monahan

Montague Co., P.

O'Day Co., Dan'l

O'Donnell, Philip

Powers, Chas. J.

Rahman & Woods

Schuld, A.

Sibley Grading &
Teaming Co.

Star Con. Co.

Wright Co., I. H.

Granite Curbing.

Graham Granite Co.

Leed Granite Co.,
W.

Pacific Granite Co.

Pacific Granite Co.

Gravel.

Bay Devel. Co.

Cal. Building Ma-
terial Co.

Esplanad Crushed
Rock Co.

Stone Co., E. B. &
A. L.

Hardwood Deni-

ers.

Inland Floor Co.

Hardwood Inter-
ior Co.

Wool Lumber Co.,
P. K.

Hardware, Bldrs.

Baker & Hamilton

Bennett Bros.

Brittain & Co.

Joust Bros.

Marshall Supply Co.

Meyer, Adolph

Norman & Sons,
F. G.

Palace Hardware Co.

S. F. Hardware Co.

Smith Co., P. A.

Hay & Grading

Algetinger, E.

Heating & Vent-

ilating Co.

Ahlbach & Mayer

Atlas Heating &
Ventilating Co.

General Eng. Co.

Kiernan, O'Brien

Lawson, Herman

Looney Co., J.

Mangrum & Otter

Snook & Co.,
Fred W.

Turner Co., The

Houses Movers &
Removers.

Hatch, H. L.

Peatman, L.

Stratton, C. C.

Sullivan, D. J. & T.

Inland Floors.

Calif Parquet

Floor Co.

Hardwood Inter-
ior Co.

Inland Floor Co.

Pac. Floor Sand-
ing Co.

Iron Foundry.

Enterprise Found-
ry.

Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.

Baker & Hamil-
ton

Dawson & Noyes

Judson Mfg. Co.

Woods & Huddart

Iron Works.

Art Metal Works

Brode Iron Wks.

Dyer Bros.

Eureka Wire &
Iron Wks.

Folsom St., Iron
Works.

Glasser & Kloeres

Golden Gate Iron
Works.

Hillard Co., C. J.

Michel & Pfeffer

Monarch Iron
Works.

North Star Iron
Works.

Railroad Iron
Works.

S. F. Iron Works

Sartorius Co.

Schneider's Iron
Works.

Security Iron Wks.

Steiger & Kerr

Stove & Found-
ry Co.

Yuleon Iron Wks.

West Coast Wire
& Iron Works.

Western Iron
Works.

Zenth Iron Wks.

Joint Hangers & Post Caps.

Kortick - Falls

Mfg. Co.

Lilley, Thurston

Co.

Roman Co., C.

Waterhouse &
Pac. Co.

Western Bldrs.
Supply Co.

Lathers, Wood & Metal.

Edwards, C. H.

Hayden, Fred

Lynch, Richard

McAbee, E. T.

Raymond, Wm. H.

Ward, J. E.

Lime & Plaster Dealers.

Arden Plaster Co.

Cal. Lime & Hy-
drate Co.

Cowell Lime &
Cement Co.

Greene & Co., J. S.

Holland, J. P.

Lennon Co., J. E.

Pacific Portland
Cement Co.

Quality Lime pro-

ducers.

Western Lime &
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Lumber Dealers.

Acme Lumber Co.

Christensen Lum-
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Columbia Lumber
Co.

Dow Co., Frank P.

Hart-Wood Lum-
ber Co.

Hauptman Lum-
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Kramer, J. H.

Hooper Lumber Co.

Legins Lumber
Co., J. E.

Loop Lumber Co.

MacDonald Lum-
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Moore Mill and
Lumber Co.

Olson Mahony
Lumber Co.

Pope & Talbot

Reinhart Mill &
Lumber Co.

Ryan, George

Santa Clara Val-
ley Mill & Lum-
ber Co.

Santa Fe Lumber
Co.

S. F. Lumber Co.

Schouten & Co., J.

Van Arsdale-Har-
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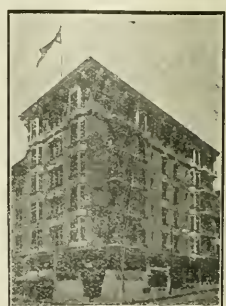
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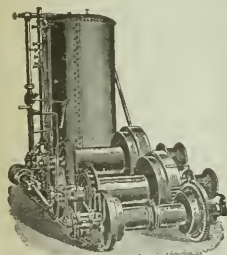
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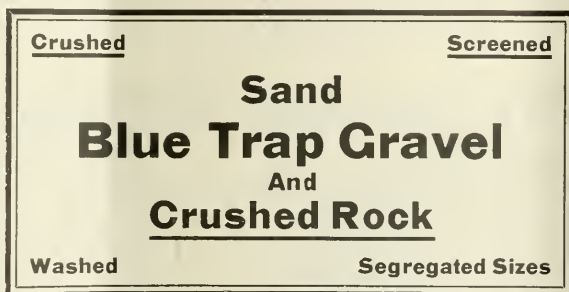
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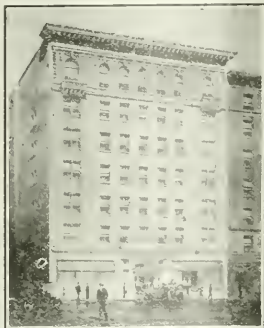
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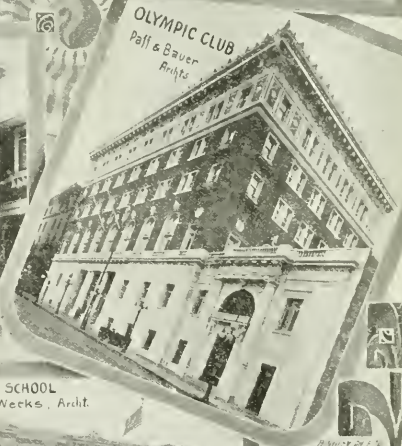
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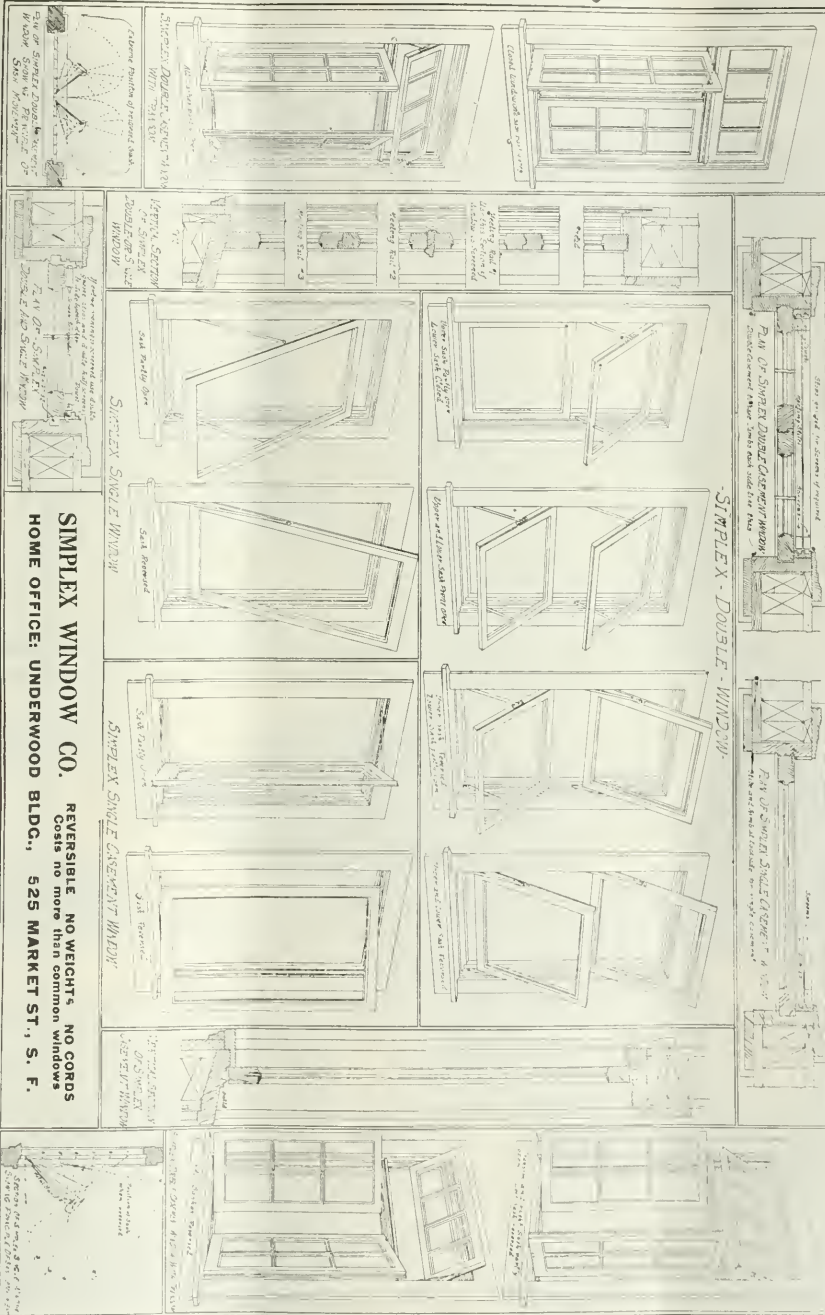
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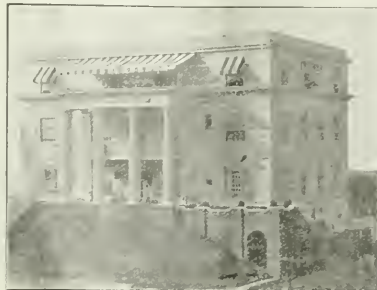
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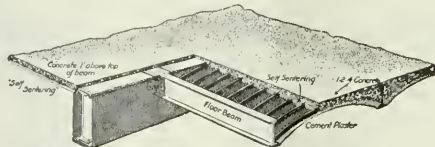
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San Francisco, OCTOBER ,22 1913

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Editorial Comment.

General reports in the building situation indicate that September has been at least a normal month in the business throughout the country. Sixty-nine cities representing building centers throughout the country show a gain of about one-half of one per cent, which after the slump in August shows at least a normal condition. In detail the report made to the American Contractor, Chicago, shows the following figures:

	Sept. 1913.	Sept. 1912.
City—		
Akron	393,645	\$ 335,650
Atlanta	384,723	568,387
Baltimore	808,237	669,760
Birmingham	243,099	470,262
Boston	853,873	2,145,755
Bridgeport	224,323	.....
Buffalo	821,000	838,000
Cedar Rapids	258,000	330,000
Chattanooga	50,120	53,815
Chicago	7,558,920	7,210,900
Cincinnati	870,186	699,340
Cleveland	1,949,545	1,379,315
Columbus	473,195	513,025
Dallas	469,925	531,225
Dayton	107,955	332,225
Denver	295,490	331,600
Des Moines	127,750	139,150
Detroit	2,056,855	1,841,800
Duluth	478,897	85,408
Evansville	211,632	181,271
Fort Wayne	278,355	352,640
Grand Rapids	1,573,350	264,130
Harrisburg	83,000	101,050
Hartford	369,421	437,530
Indianapolis	675,504	1,000,540
Kansas City	676,695	959,771
Lincoln	104,050	101,650
Los Angeles	1,748,665	2,310,517
Louisville	297,170	330,970
Manchester	161,015	147,386
Memphis	288,355	644,515
Milwaukee	874,509	803,889
Minneapolis	1,449,650	1,211,075
Nashville	49,930	84,144
Newark	561,526	708,625
New Haven	243,880	325,765
New Orleans	186,769	211,170
New York—		

Manhattan	6,386,568	7,735,740
Brooklyn	2,465,750	3,290,823
Bronx	621,096	2,020,815
Total	9,413,414	13,047,378
Oakland	456,424	829,440
Omaha	414,580	476,050
Paterson	54,215	126,119
Peoria	142,245	214,680
Philadelphia	4,363,955	2,798,700
Pittsburgh	1,434,790	1,343,749
Rochester	843,226	969,936
St. Joseph	77,120	37,771
St. Paul	910,908	479,646
St. Louis	1,180,869	1,248,763
Salt Lake City	142,937	226,375

San Antonio	176,125	151,592
San Francisco	2,273,723	1,783,145
Scranton	71,420	152,110
Seattle	692,885	607,870
Shreveport	74,573	86,590
Sioux City	100,085	126,970
South Bend	60,028	60,725
Spokane	679,115	214,515
Springfield	32,385	181,435
Syracuse	1,437,103	390,820
Tacoma	157,842	282,810
Toledo	672,489	336,605
Topeka	116,065	96,110
Troy	920,600	63,280
Washington	740,886	841,127
Wilkes-Barre	133,053	175,298
Worcester	404,619	666,902

Total

\$56,749,572 \$56,528,939

Of the Pacific Coast cities San Francisco, Seattle and Spokane show a gain while the others show a decrease. New York shows a material decrease while Chicago and Philadelphia show a gain. Altogether, while the building business has not been particularly active, it has done pretty well to hold its own under present conditions.

The Mexican situation has assumed serious conditions so far as this government is concerned. Huerta has assumed entire control and the proposition of holding an election is such a palpable farce that not even a child could pretend to be misled by such a pretense at voting. For that matter the elections of Porfirio Diaz were little more than name as a man's read usually depended upon how he voted.

Huerta's power seems to be founded entirely upon intrigue. He does not seem to be the head of any party that looks to the advancement of Mexico or its people. So that it is merely a question of political intrigue and the power of vested interests whether or not he will hold his power. And as to that he seems to be without the popular support of the people.

Napoleon was the idol of the army and the popular choice of the people in their revolt against kings. Cromwell had the support of the Religionists and the enemies of the king. But so far as Huerta is concerned about all he has done is to play one party off against another and as yet he has succeeded in preventing any combinations against him that are formidable enough to overthrow his power. This dictatorship is not liable to succeed without the support of foreign powers. The only reason that foreign powers would support him is that he would be able to furnish protection to foreign citizens in their persons and property. This he does not seem able to do and his power certainly is held by a very slender thread.

Decoration In Architecture.

Some Features Respecting Decorated Construction and Constructed

Decoration as Viewed by a Discriminating Architect.

W. P. Major, A.R.I.B.A.

Mr. President and Gentlemen:—It is at your request I am compelled to read a paper to you tonight, and therefore I have no apology to make if what I have to say lacks interest. You have chosen and now you must suffer the consequences of your choice. It is my intention to lay before you some of my thoughts in regard to designing the decorative and artistic side of architecture in the hope that some of you at least may not entirely agree at the outset with what I have to say and that we may have some discussion from which benefit may be derived. I might entitle my paper Decoration in Architecture, and divide it under two principal heads, Decorated Construction and Constructed Decoration. Later I intend to suggest a third and one which, I think, you will agree with me applies more nearly to the methods of decoration which are, or perhaps rather should be, adopted in these days. Decorated Construction is as we are all no doubt aware, most adequately exemplified in the style of architecture we call Gothic, and there is scarcely a feature of this style in its pure form that is not Construction Decorated. The pillars, arches, groined ceilings, windows, wonderful tracery, buttresses, pinnacles, parapets and beautiful ornamental wooden roofs. All of them necessary to the stability and purpose of the structure and yet beautiful examples of decorative art.

The Greeks, too, undoubtedly decorated their construction and in doing so tended to give to their construction the appearance of even greater stability, for example the entasis to the columns and other means adopted to correct optical delusions. In other words they realized that it was essential that their buildings should appear structurally correct in order that they might appear beautiful. So that whether we turn to Classic or Gothic architecture we find the best examples of either style to be Construction Decorated.

These two styles are the foundation of the architecture of the present day, and one would therefore naturally expect the vital principles of those styles to be carefully followed. Is this so as regards decoration? As we turn to the architecture of the present day what a very different aspect is presented to us, and how glaring are many of its faults! How frequently as one walks down the streets of any city on this continent can one see a moulded beam perhaps two feet or even three feet deep made to represent a monolith of sandstone spanning a distance of twenty-five feet or more and resting on piers at either end eighteen inches to thirty inches wide composed of similar material or of brick; then piled on top of this beam is a mass of stone, brick, terra cotta or similar material twenty to one hundred feet high which this stone beam is evidently intended to support. How signally the intended effect fails is apparent to all of us, and yet we go on repeating this same

obvious mistake day after day, year after year. Then consider the supporting piers. How absurdly small they are for all the tremendous weight that they appear to have to uphold.

Take again that favorite abomination of some of us which we see only too frequently. I mean a row of bricks on edge across an opening with ten or twenty feet of brickwork above it. We know and even the most uneducated readily realize that by the simple laws of nature it should fall to the ground without any mass of brickwork above it to help push it down.

Then we see the brickwork just continued straight across an opening which renders the result more deplorable than ever, and without doubt those people who have no knowledge of construction at all must sometimes wonder how the bricks or terra cotta stay in place, and possibly sometimes say to themselves what wonderful mortar must have been used in that building. The next glaring misuse of decorative features that comes to mind is the use of a wide span segmental arch frequently of brickwork with abutments of a very slender nature. Sometimes you can see this feature high up in a business block, sometimes at second floor level, also in dwellings and any and every kind of building, and if one did not know the secrets of the construction it would be a matter for amazement how ever the structure held together, and we should be wagering on the hour of the day at which it would fall. One can hardly omit mentioning the method sometimes adopted—more especially over a store front—of decorating the upper stories of a building with a series of brick or stone pilasters which, the convenience of the designer has prompted him to place anywhere but directly over the piers on the lower story.

The effect given is necessarily that the pilasters are by some sticky method attached to the walls instead of appearing to be the main points of support. There are many other instances of a similar nature far too numerous to mention in a short paper like this where decorative features which should represent to the eye at least support and stability and give to the senses a feeling of restfulness fail in their purpose because of the lack of truth in their application. I think we may rightly determine these things to be a failure on the part of the architect to solve the problem of his elevation and it may not be inappropriate to mention here that if the architect who is a scientifically trained man in the design of Architectural Decoration frequently fails in the complete solving of the problems put before him, how can the man who has had no architectural training expect to find that his design when executed consists of a jumble of badly imitated features and grotesque detail? And yet we find civic authorities continuing to allow at least the small civic buildings to be designed by all sorts and conditions of self-

styled artists, with the result that the building that was intended to beautify a park, square or civic centre is not only a cause for dissatisfaction in itself but has a soothing effect on its entire surroundings.

But to resume from this diversion. I want to make it clear that the failures, some of which I have mentioned, are not confined to any particular grade of architects, if there are grades, but are faults of which we are all capable and culpable. Unfortunately I am not doctor enough or clever enough to be able to point out the remedy for all these faults, I leave that for the individual to discover, but I do think that with more study of the problems in design before us that we can eliminate some of the more glaring instances of incorrect application of decorative features. We can certainly eliminate some, such as the brick on edge arch, by discontinuing their use.

In designing the decorative part of a building it is necessary to adhere most faithfully to the natural expression of the material in which we are working. For instance, if we build the top story of a building in granite and the lower stories in brick the effect is that the lower portion is not strong enough to support the top. Why? Because granite by its appearance imparts to the mind a sense of great strength and weight, whereas brickwork naturally appears to be a much lighter and weaker material, and therefore by their natural expressions the granite should be placed at the lower story and should support the brickwork. Oh, but you say, this is a ridiculous instance. You can pick up your Construction and see there as I have done many times a photograph of a brick and stone building with the top story executed in sandstone with wide joints, the wide joints being evidently put in to add to the effectiveness of the drawing, whereas in execution they give weightiness and strength to the appearance of the stonework which necessarily appears to be crushing the brickwork below. There are plenty of other similar instances to be found, and one does not have to look far afield.

No doubt in many of them the walls and facing material are supported on a steel frame and therefore the building is not affected structurally, but should we not characterize a man as foolish if in building solid constructional walls he put his brickwork on the lower story and his granite or stonework on the top story? And that being so are we not equally foolish when we try to decorate a building by reversing the order of materials?

Let us always remember that each material has an expression entirely its own, and is naturally suited to fill certain positions in a building, and fulfill certain requirements. If, then, its characteristics are not considered in the design it will invariably appear to be out of place when the design is executed. Now, for instance, can we expect to make a plaster arch appear

to support several stories of brick-work, and yet we see it attempted. It may do it on a drawing. Plaster is obviously suited to positions in a building where it fills no structural capacity, but is merely a protection from the elements and it therefore suitable for panels and similar positions.

Possibly by now you may have the clue to my third heading which I spoke of in the beginning. Decorative Construction, we know by beautiful examples of an ancient past. Constructed Decoration we know from a near past, and my hope is that in the near present if we cannot solve over again the problems of Decorative Construction in our day we may adhere to our designs most faithfully to what I term Decorative Construction. This is more distinct from constructed Decoration than at first appears, inasmuch as the latter is not always decorative; in fact, far too seldom is it so. You will readily acknowledge the truth of what I say and no doubt you have already some piece of decoration in your mind which rather than describe it as being decorative you would call it disfigurative. The distinction of the term then being acknowledged I will proceed with an outline of my interpretation of its meaning, and I think the first rule it would spell out to us is the true and faithful use of materials according to the characteristics with which nature has endowed them. This I have already spoken of and there is not space for enlargement in a short paper.

The second rule, which is only second because there cannot be two firsts, is that the different features of the elevation should be so designed that they appear to be carrying out their entire function in helping to uphold the building of which they are a part. It may not be practicable to design the beam I spoke of before so deep that if it were composed of a monolith of sandstone it would withstand the stress of all the weight appearing to rest upon it, but it is possible even under modern conditions to increase its depth considerably from that usually in practice and by careful designing eliminate to a great extent the appearance of the weight of superstructure. Or why should it not be treated in high buildings so that it occupied the space of a whole story and thus obtain sufficient depth to counteract the weight above? These are only suggestions and there may be other means which some of us can devise to gain a satisfactory result.

Then, in regard to the cap of the piers, how obviously out of place is a Corinthian or Ionic cap on the lowest story where there is great weight above. The situation calls for a cap which is sturdy and strong in appearance, a cap which appears to be doing its work. Piers obviously should line exactly over those below and thereby appear to transmit directly the weight of the various stories above. A series of segmental arches may in a building on an inside lot find additional abutment in the adjoining building and when on a corner lot abutment can be obtained usually by planning the two end piers closer together and using a semi-circular arch between them. If this end feature is carried up through the height of the building as a sort of tower it will by its superincumbent weight appear a stouter abutment. Moulding play an impor-

tant part in the elevation and it is essential that they be designed to fit the particular position they are intended for. The third rule would apply to sculpture and carving, and it is very necessary to remember that these things have their proper place in a facade. It is a fallacy to imagine that a building can be made beautiful by covering the facade with carving and sculpture, as we sometimes see done. We are fortunately spared that danger in this city, as the cost of such work prohibits a prolific use of it. Perhaps the keynote of all these things is to be sounded in two words, proportion and unity.

Proportion is everything and Unity of part with part so that nothing looks out of place but all the individual features of the facade fit in together to form a complete whole. And above all let our buildings be constructive in their design. It is a comparatively easy matter to make a badly designed building look fairly decent on paper by putting in a few brick lines and some shading, but when the design is executed it is then that the main lines of the elevation tell their tale, the weakness of a pier shows up and the moulding which was hidden on the drawing by a multiple of lines stands out in all the nakedness of its horrible proportions. But I do not want to speak of proportion tonight—that deserves a paper to itself. I only mention it because it is essential in the fitness of things, and this paper is upon the fitness of features to the position that they occupy in the facade of a building. Architects in these days have to construct their decoration but if we would conscientiously do so as nearly as possible along the lines of Decorative Construction our buildings would undoubtedly show a vast improvement in architectural quality. This paper is not intended to question the fact that there are buildings erected in these days of which the design fulfills the requirements of Decorative Construction, but it is intended to bring to our special notice some of the features which, though entirely inartistic inasmuch as suggest a false method of construction have crept into the facades of buildings through the cleverness and ingenuity of our methods of construction in order to suggest that although we are able to apply all kinds of magic in our decoration we are still hide-bound to a certain extent to the rules which governed our ancestors who constructed in stone and brick, if we wish, our buildings to look as if they were erected with an eye to beauty as well as to use. This is for the present and until we can think of some method of decorating our buildings more applicable to our present day than by the use of brick, stone and terra cotta. This is a steel age—our buildings are erected in steel and reinforced concrete. Why cannot we design our elevations in the same material, decorating our construction? That, I think, is the real problem before us, and I would suggest that if those clever Greek artists or those wonderful Gothic architects had lived in these times they would surely have found some means of decorating the buildings of these days in the material of which they are constructed.

Possibly if we had not the examples of the past to draw upon and if those examples were not drummed into our

heads by every possible means education can employ—if we could in a word obliterate all that has gone before, forget our stone, terra cotta and brick, we naturally might develop steel construction to a thing of beauty, but under the conditions which rule in these days we are permitted no developing process of that kind.

The architect who is bold enough to ornament the construction of a steel frame building has to first have a fully developed and thought out design and has to stake his reputation on that design, which will be compared with the best buildings in the usual materials, and he has moreover to contend with the taste of the public who have become naturalized to buildings of stone, terra cotta and brick. That is enough to frighten any man away from that kind of originality unless he is independent enough and rich enough to test his ideas in a building of his own. Let me give an outline suggestion of what might be done. There would in the first place have to be some method of treating steel to eliminate the action of weather, but we will suppose this done. Imagine the steel columns each carried up in one long continuous panel with ornamental steel brackets at the floor joists to support the horizontal girders which could be suitably moulded. The panels filled in with copper or some metal, or even brick, terra cotta, stone, or plaster, the windows of metal and the whole building crowned with an ornamental iron cornice not cast in the forms we are so familiar with, but executed in a design suitable to the material, say for instance along the lines of the designs for theatre canopies, though of course not with the same amount of projection. The store front would be a simple matter to deal with in metal or glass, and the space below the window could be carried out in metal, marble or some other suitable material. The entrance would readily adapt itself to being designed in ornamental steel, copper or iron, and thereby a maximum amount of light could be obtained to light the interior hall or lobby. In fact, the whole design would readily lend itself to the uses of man inasmuch as the maximum amount of light could be obtained. The difficulty is to make the exterior appearance of the building such that it would be a pleasure to look at both from the view of the public and that of the trained architect. The interior of the buildings could still be decorated with imitations of a past art or possibly some original and progressive method of decoration could be devised.

This is architecturally an age of adapting the highly developed arts of the past to our present needs, and in many cases merely copying and imitating them, often had imitations at that. You will readily acknowledge that the Greeks developed classical art to its highest pinnacle and it seems to me that ancient Greece would tell us that we are endeavoring to apply an art to our ten-story buildings which was found only applicable to one story. Surely the steel buildings of today cry out for some radical change in design, some radical change in the principles of design, some change in the principles of proportion, for it seems to me that the eye does not demand that the principles of proportion adopted for

classical columns should be repeated in a steel stanchion.

I believe that a change of this nature must inevitably take place sooner or later, and when it does we shall be once more carrying out the principles of decorated construction. Let our thoughts be directed towards this end and in the meantime, as we can do no better, let us do no worse than carry out in our designs the principles of decorative construction as far as possible under modern conditions.

Plans Wanted.

The Board of Supervisors of Modoc County, California, are advertising for competitive plans for a new County Court House which is to be constructed in Alturas. This building is to be as near fireproof as possible and constructed either of brick and steel or reinforced concrete. Funds in the amount of \$90,000 are available. Plans and specifications are to be in the hands of the County Clerk by 10 o'clock on November 3rd and complete specifications and working drawings are to be completed not later than the January meeting of the Board of Supervisors. A six per cent commission is allowed but is to be deducted from the \$90,000 available for construction. Particulars can be secured from the County Clerk at Alturas.

A new County High School is to be erected in Monterey, California, and notice has been published inviting architects to submit competitive plans. The building will be erected at Monterey and is not to exceed \$30,000 in cost. Construction will probably be of reinforced concrete. A. E. Bunker is president of the board and A. J. Hennessey is secretary. Either will furnish all information and may be addressed at Monterey.

Bishop, Inyo County, California, has sold its bonds amounting to \$30,000 and will use the proceeds to construct a modern school building in the Bishop District. The new building will be of the reinforced concrete type and will contain six or eight class rooms. No architect has yet been selected. Particulars can be had from the County Superintendent of Schools at Independence.

A bond election recently held at San Mateo, California, carried by a vote of 8 to 1. Of the total amount voted, the sum of \$10,000 is to be expended in constructing a City Hall. New bridges in the city will cost \$10,000. Competitive plans will probably be called for in securing a design for the city hall. The building will be a two story structure of either brick and steel or reinforced concrete. The City Clerk of San Mateo will furnish all information.

Two bids have been received for the \$50,000 worth of bonds recently voted by the City of Chico, California, with which to build a new school in the Chico School District. Both offers were made by Denver firms but were submitted with certain conditions which have not been accepted. It is proposed to erect a building costing \$50,000 and to secure funds from other sources to furnish it. No architect has been selected.

Bonds of the Pittsburg School District, California, are reported sold to Halsey & Co. of San Francisco. Funds received from this sale will be used in constructing a modern school building costing in the neighborhood of \$65,000. Competitive plans will be called for shortly. Particulars can be had by addressing the Secretary of the Board of Education at Pittsburg.

A bond election will shortly be called in Pleasanton, California, to raise funds for the construction of a City Hall. The City Clerk is now at work on the necessary papers. Bonds in the sum of \$10,000 will be voted on. It is said that no opposition exists. The building is to

be of brick or reinforced concrete construction. No architect has been selected.

It has been decided by the Board of Education of Fresno, California, to call a special bond election at once, at which time the voters will be asked to bond the city for \$125,000 with which to construct new schools. Plans of the Board of Education contemplate five new grammar schools, each of which is to contain eight class rooms. All construction is to be fireproof. Date of the election has not been set as yet. It is said that the Fresno public strongly favors the election. Architects will be called on to submit competitive plans.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment houses, 2 and 3 story frame, \$10,000. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner's name withheld. These two buildings will be erected on the north side of Union street near Hyde, the three story structure on the front of the lot and the two story building in the rear. There will be five apartments of two, three and four rooms. Interiors will be finished in pine and redwood. Each apartment will have a private bath and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath and shiplap. Terrazzo will be used in the entrance vestibules. Plans are now being prepared.

SAN FRANCISCO—Apartment houses, 2-story and base, frame, \$5,000 each. Architect, none. Owners, Ruegg Bros., 719 Pacific Bldg., S. F. These two houses will be erected on Ramona street south of 14th street. Each house will have a frontage of 25 feet and a depth of 56 feet. There will be four four-room apartments in each building. All suites will have private baths and wall beds. Interior finish will be of pine throughout. Bath rooms will have composition floors and tile wainscot. Exterior of the buildings will be covered with rustic and shiplap with brick veneer bases. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$50,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Sommerstrom Bros., 35 Rose avenue, Oakland. This building will be erected on Alice street and will cover a considerable ground area. Interior has been arranged for a large number of two, three and four room suites. All apartments will have wall beds, private entrances and connecting bath rooms. Pine, redwood and elm will be used for interior finish. Some hardwood floors will be used in the halls and living rooms. Bath rooms will have composition floors and the wainscot. Entrance will be finished in the tile and marble. Plans provide for steam heat and a hot water supply. Exterior of the building will be covered with cement plaster on metal

lath. Plans are complete and work will be done by Day Labor.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick, \$37,000. Architect, J. B. Nicholson, Wright & Callender Bldg., L. A. Owner, James H. Atkin. The building will cover a ground area of 50 by 150 feet and has been designed to contain 80 rooms arranged in two and three room suites with private baths. Wall beds will be used in all apartments. Interior finish will be of pine and redwood. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick. All bath rooms will have composition floors and tile wainscot. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class C construction, \$60,000. Architect, Ferdinand Parmentier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. Contractor, Milton A. Fly, 2516 Alcatraz street, L. A. Contract price, \$60,000.

BRIDGES AND DAMS.

SANTA BARBARA COUNTY, CAL.—Bridges, steel and reinforced concrete. Cost not stated. Engineer, County Engineer, Santa Barbara. Owners, Santa Barbara County. Plans have been completed by the County Engineer for three concrete and steel highway bridges which are to be erected as follows: An 80 foot steel span bridge over Los Alamos Creek on the State Highway in the 5th Road District, a concrete girder bridge in the same road district over Graciosa Creek and a concrete girder bridge over the same creek in Section B of the 5th Road District. Separate bids are now being taken for the construction of each of these bridges. Plans, specifications and full particulars of the work can be secured from the County Engineer, Santa Barbara. Bids will be opened by the Board of Supervisors on November 3rd at 10 a. m. C. A. Hunt is County Clerk.

Contracts Awarded.

MARYSVILLE, YUBA CO., CAL.—Bridge, steel and reinforced concrete \$20,990. Engineer, County Surveyor, Marysville. Owners, Yuba County Contractors, George W. Martin & Son, Sacramento. Contract price, \$20,990.

FACTORIES & WAREHOUSES.

Contracts Awarded.

SAN FRANCISCO—Laundry, 2 story and base, brick. Cost \$10,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Adolph Schwartz. Contractor, C. D. Rankin, 724 Gough street, S. F. general construction only. Contract price, \$8,200.

FIRE HOUSES AND JAILS.

BAKERSFIELD, KERN CO., CAL.—County jail, 2 story, base and mezzanine floor. Class A construction, \$150,000. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. The Board of Supervisors recently selected the designs of Architect Clark for the new County Jail and awarded the second prize to Thomas B. Wiseman of Bakersfield, \$250, and third prize to J. W. Dolliver of San Francisco, \$125. The building will be classic in design, of reinforced concrete construction faced with terra cotta. Floors and roof slabs will also be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. The structure will cover an area of 112 by 100 feet. Basement will contain mechanical room, engineer's quarters, fumigation and bath rooms, armory, storage space and garage. The sheriff's office, general office, three deputy's offices, jailor's rooms and two tiers of steel cells will occupy the first floor. Second floor will be arranged for wash room, dining rooms and kitchen and quarters for the female prisoners. Interior finish will be largely of metal and hardwood. A hospital and cells for inebriates are also provided for in the plans. There will be a steam heating system, vacuum cleaning and hot water supply. Plans will be completed as rapidly as possible and bids will be called for before the first of the year.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Jail, 1 story reinforced concrete. Cost not stated. Architect, none. Owners, Santa Cruz County. Plans for a small branch county jail have been completed and approved by the Board of Supervisors. Bids for the construction of the building and for the equipment are to be opened October 22nd. Interior finish will be of pine. Plans call for a number of steel cells and other jail equipment. Exterior of the building will be faced with cement plaster. Plans and specifications can be secured from the County Clerk at Santa Cruz.

OAKLAND, CAL.—Jail equipment. Cost not stated. Architects, Palmer & Hornbostel, New York, associated with Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans are complete and bids are being called for all materials and equipment in connection with the completion of the new City Jail in the City Hall Building. Bids will be opened on November 6th. Plans can be secured from Architect J. J. Donovan, Security Bank Bldg., Oakland. An official proposal appears in another column of this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, Paul F. Demartini, 451 Columbus avenue, S. F.

Owners, David and John Demartini. These flats will be erected on the west side of Powell street north of Lombard. Each flat will consist of five rooms and bath. Interiors will be finished in pine and redwood. Bath rooms will have tile wainscot. Entrance will be finished in terrazzo and marble. A gas grate will be used in each living room. Exterior of the building will be covered with shiplap and rustic. Plans are complete and subfigures will be taken at once by the owners.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner, S. N. Busalacchi. The building will be erected on Francisco street east of Powell and has been designed to contain three modern flats of five and six rooms. Bath rooms will be finished in tile. Open fire places and tile mantels will be used in each of the living rooms. Entrances will have marble wainscot and terrazzo steps. Exterior of the building will be covered with cement plaster on metal lath, rustic and shiplap. Plans are complete and bids are now being taken by the architect.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,000. Architect, none. Owner, Burt T. Owsley, Sharon Bldg., S. F. The building will be erected on the west line of Clayton street, south of Hayes street and will have a frontage of 25 feet and a depth of 68 feet. There will be three flats of five and six rooms each. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living rooms. Bath rooms will have composition floors and tile wainscot. Open fire places and tile or brick mantels will be used in each living room. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,000. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner, J. Sauter. These flats will be erected on the east side of Taylor street south of Union covering an area of 25 by 63 feet. Each flat will have six rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. An open fire place and brick or tile mantel will be installed in each living room. The wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap with brick veneer base. Entrances will be finished in marble and terrazzo. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,400. Architect, none. Owners, A. and R. Brisa, 525 Vallejo street, S. F. The building will be erected on Filbert street west of Jones and will cover an area of 34 feet 4 inches by 60 feet. Plans provide for four modern flats of four and five rooms. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath

rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and work will be done by Day Labor. Materials are now being purchased by the owners.

SAN FRANCISCO—Flats, 2 2-story and base, frame, \$5,000 each. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner's name withheld. These buildings will be erected on property on Filbert street between Grant avenue and Kearny street, one building on the front of the lot and one in the rear. Each will be arranged for two modern five room flats. Interiors will be finished in pine and redwood. An open fire place with tile mantel will be used in each of the living rooms. Tile wainscot will be used in the kitchens and bath rooms. Interiors will be covered with rustic and shiplap. Plans are now being prepared. The work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner's name withheld. The building will be erected on North Point street between Leavenworth and Montgomery streets and will be arranged for four modern flats. Interior finish will be of pine and redwood with some elm panels and hardwood floors. Living rooms will have open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Entrance will be finished in marble and terrazzo. Exterior of the building will be covered with rustic and shiplap with a brick veneer base. Plans are now being prepared for the work.

GARAGES.

PIEDMONT, ALAMEDA CO., CAL.—Garage, 2 story and base, frame. Cost not stated. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. Ellen Frances Cushing. The building has been designed for a private garage and will be erected in the rear of the owner's residence. Upper floor will be arranged for living rooms. First floor will have cement floor and will contain storage space for four machines. Special storage tanks for gasoline will be installed. Roof will be of Mission tile. Interior finish will be of pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FERNDALE, HUMBOLDT CO., CAL.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Cream City Mechanical Co. Plans and specifications for a new fireproof garage building covering a large area have been completed. Bids have been taken from a number of contractors and a contract will be awarded within a few days. The building will contain storage space for eight machines besides a paint shop and repair shop. There will be metal window sash and frames and fireproof floor and roof. Exterior of the building will be faced with cement plaster.

GOVERNMENT WORK AND SUPPLIES.

PROSPECTIVE HIDDERS, Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Douglas, Wyo. Construction, October 23.
King Lumber Co., Charlottesville, Va.
W. D. Lovell, 1415 E. 8th street, Minneapolis, Minn.

Casper, Wyo. Construction, October 24.
Robert L. La Fountain, Cheyenne, Wyo.

W. D. Lovell, 1415 8th street south-east, Minneapolis, Minn.

J. H. Wiese, City National Bank Building, Omaha, Neb.

J. H. Esmay Co., Douglas, Wyo.

J. F. Jenkins & Co., Ocala, Fla.

King Lumber Co., Charlottesville, Va.

George Hinchliff Co., Paragould, Ark.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Mare Island, Klchen, November 1.

John Douglas Co., Washington, D. C.

Pearl Harbor, Coal Plant, November 1.

Belmont Iron Works, Philadelphia, Pa.

Treadwell Construction Co., Midland, Pa.

Puget Sound Bridge and Dredging Co., 433 Monadnock Building, San Francisco, Cal.

Pearson Construction Co., Seattle, Wash.

Phoenix Bridge Co., Philadelphia, Pa.

Riter-Conley Co., Pittsburg, Pa.

McClintic-Marshall Construction Co., Pittsburg, Pa.

Pennsylvania Steel Co., Steelton, Pa.

San Francisco Bridge Co., San Francisco, Cal.

Worden-Allen Co., 2 Rector street, New York City.

Snares & Triest Co., New York City.

U. S. Steel Products Co., 30 Church street, New York City.

McMyler Interstate Co., Bedford, Ohio.

Neumeyer Diamond, 82 Beaver street, New York City.

Carnegie Steel Co., Philadelphia, Pa.

Hamilton & Chambers, 29 Broadway, New York City.

Penn Bridge Co., Beaver Falls, Pa.

King Bridge Co., Cleveland, Ohio.

Pearl Harbor, Ice Plant, November 1.

Hamilton & Chambers, 29 Broadway, New York City.

Reclamation Advertisement No. 230.

Abstract of bids for 2500-volt oil switch for Boise reclamation project, opened at Los Angeles, Cal., under advertisement No. 230:

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., delivery Pittsburg, Pa., 2 days; \$30.46; weight 50 lbs.

Western Electric Co., Los Angeles, Cal., delivery Boston, Mass., 14 days; \$16.50, weight 150 lbs.

Redding Rock, Cal., Steel Tower.

The following bids were opened by the lighthouse inspector, San Francisco, Cal., for constructing steel tower, Redding Rock light station, Cal.:

Judson Mfg. Co., \$950.

Moore & Scott Iron Works, \$750.

Schneider Iron Works, \$818.

Golden Gate Structural & Ornamental Iron Works, \$700.

Ocean Shore Iron Works, \$575.

Vulcan Iron Works, \$783.

Ralston Iron Works, \$931.

Muir & Symon, Inc., San Francisco, Cal., \$540.90; accepted.

San Francisco, Custom House.

The contract for interior painting in the U. S. custom house, San Francisco, Cal., has been awarded to I. H. Kissel, 1723 Polk street, San Francisco, Cal., at \$8,300.

Repairing Hospital, Vancouver Barracks.

Awards have been made as follows for repairs to the hospital building at Vancouver Barracks, Wash.: E. J. Claus, Vancouver, Wash., painting hospital, \$1,012; painting dental surgeon's office, \$26; George W. Sykes, Vancouver, Wash., for plumbing in hospital, \$671.

Canal Circular 801-A.

An advertisement appears elsewhere in this issue calling for bids to be opened October 14 for furnishing supplies as follows under circular 801-A:

Class 1. 30 steel locker cabinets.

Class 2. 200 fire hydrants.

Class 3. 1 90-degree crossing, 2 frogs, and 2 pairs switch points.

Class 4. 150 tons blacksmiths' coal.

Miscellaneous Buildings, Puget Sound.

The contract for the construction of miscellaneous buildings at the naval station, Puget Sound, has been divided as follows: American Bridge Co., Baltimore, Md., for all structural steel work, \$149,640; W. N. Concannon Co., San Francisco, Cal., for all construction, proper, \$88,134.

Sale of Canal Equipment.

The purchasing officer of the Isthmian Canal Commission at Washington, D. C., has available for distributing a catalogue listing all of the equipment now on the Isthmus, the great majority of which is to be sold in the near future. In connection with this catalogue the following circular is being forwarded through the office of the commission to those probably interested:

Attention is invited to the inclosed equipment catalogue listing certain equipment which was purchased for use on the Panama Canal and the Panama Railroad between July 1, 1904, and January 1, 1913.

Most of the equipment, except floating equipment, will be available for sale in the immediate future. Some of the equipment, however, particularly the floating equipment, will be required for permanent use after the construction work proper is completed, it not being practicable at the present time to designate the units which later it may be found advisable to reserve. No floating equipment will be available for sale for at least a year, with the possible exception of a few barges or lighters. All of the 42-inch gauge locomotives and cars have been sold since the publication of the catalogue.

It might be noted in connection with the rolling stock that the gauge is not standard, same being 5-foot gauge. It has been determined that the cost of standardizing the cars and shovels will not exceed \$30 per unit, and the com-

mission will be prepared later on to furnish figures regarding the cost of standardizing the locomotives.

The equipment purchased will be placed in serviceable condition at the commission's shops when so desired by the contractor. The service will be performed for the contractor on the basis of the cost of labor plus overhead charges.

The following subcharges will be added in all cases where labor and material are furnished:

Shop work.—The shop expense percentage fixed for the shop in which the work is performed will be added to the distributed labor. The percentage for each shop will be fixed from time to time by the chairman's office.

All other labor without machinery.—Ten per cent on labor.

Material.—A surcharge of 15 per cent will be added for additional material used in repair work.

No statement or information given relative to the condition of material is to be accepted or acted upon as a warranty, but purchasers must make their own examination and act upon their own estimates as to the condition of material and the facilities or difficulties that may be expected in removing the same.

Payment for equipment purchased is to be made to such disbursing officer of the Isthmian Canal Commission as may be designated by the chairman and chief engineer. Payment for all materials shall become due upon delivery of the material to the contractor and his acceptance of the same, and payment shall be made immediately upon delivery and acceptance or, at the option of the chairman and chief engineer, within 30 days after acceptance, provided a satisfactory bond, in an amount to be approved by the chairman and chief engineer, is given. The title to material shall not pass to the contractor until it is fully paid for. Should conditions arise which, in the opinion of the chairman and chief engineer, would prevent the commission from tendering or contractor from accepting the entire material purchased at any one time, the contractor shall pay for that portion accepted such a portion of the contract price of the entire bid as the chairman and chief engineer shall deem justifiable. Material will be considered as having been delivered to the contractor when it is tendered by the commission for acceptance.

The commission will pay all duty on dutiable material brought into the United States. The title to all dutiable materials brought into the United States shall remain in the United States until duty is paid thereon. This provision, however, shall not relieve the contractor from the transportation risks, and payment shall be made as though the title had passed at the time of delivery.

It is suggested that if interested in any of the material listed in the equipment catalogue that a letter quotation be submitted in triplicate either to his office or to the chief quartermaster, Culcra, Canal Zone, based on deliveries as follows:

For the material in condition as it lies, delivered on dock at—

a. Colon or port of Ancon, Isthmus of Panama.

b. United States or foreign port (naming port).

If not interested in any of the above-

mentioned equipment this office would be glad to receive the names of any firms, railroad companies, or construction companies whom would likely bid for the material.

If any further information is desired address either this office or the chief quartermaster, Culebra, Canal Zone, sending letter in duplicate.

Naval Foundry Problem.

Foundry development at navy yards is practically at a standstill. At many of the yards foundry conditions are considered little better off than they were at the close of the civil war. There is not a single naval foundry on the Atlantic coast capable of producing a casting for a steel stem or sternpost for a battleship. The naval foundry conditions on the Atlantic coast constitute a travesty upon economy and efficiency, and the more carefully the matter is investigated the more urgent appears the necessity for immediate action. While such action is not now imperatively necessary, unless a radical change is made in the foundry conditions, it will constitute a serious bar to naval operations in time of war. Officers of the Navy have recently been examining into the foundry conditions and have recommended that one yard be equipped for the largest and most important work, at the same time maintaining the other yards in condition to make the small and average-sized castings required for repair work on naval vessels. The board has recommended that the Philadelphia yard be selected as the logical location for a naval foundry on the Atlantic coast. The question of the establishment of such a foundry on the Pacific coast has not been gone into, but it is believed from a military standpoint that the demand for a modern central foundry plant on the Pacific coast is of no less importance than the establishment of such a plant on the Atlantic coast. The establishment of the latter foundry, however, is believed to be the most urgent need for the Navy, and it could in case of necessity supply most of the larger wants of the Pacific coast. The central foundry should be of sufficient size and sufficiently well equipped to make all the important iron and steel castings for the entire Navy required by present and probable future conditions. It is not believed to be in line with military preparedness to depend upon private firms to meet the emergency foundry demands of the government, particularly when such firms do not possess the equipment to meet their own increasing demands.

Closing Steel Foundry.

The steel foundry at the New York navy yard has been closed and the employees discharged. This is the result of an investigation recently made with regard to obtaining castings for battleship No. 39. Bids were asked for these castings from outside sources by the constructing officer, in view of the cost of the steel castings made for the New York, and the bids submitted were about a third of what the yard steel plant charged. The board found that the cost of the castings was considerably greater than the bids submitted by American commercial manufacturers, and, in comparison with the bid submitted by a British manufacturer, was excessively high. Objection was made by some of the officials to obtaining

the castings from outside sources, and as a result of the investigation the Navy Department ordered the plant closed. The condition of affairs at the yard with relation to the naval foundry is considered due to the manner in which the general foundry problem has been treated as a whole by the Navy Department. It is a bad thing for the navy yard not to be able to make its castings, and such a situation would be a grave menace in time of war. There is criticism of the action taken in closing the plant, as it is believed a further investigation should be had and determine whether or not it is the fault of the administration of the plant if the castings can not be made as cheaply at the navy yard as at outside concerns.

HALLS & SOCIETY BLDGS.

OAKLAND, CAL.—Municipal auditorium, 2 story and base, Class A construction, \$500,000. Architects, Palmer & Hornbostel, New York, associated with Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. A motion introduced by Harry S. Anderson, Public Works Commissioner of the City of Oakland, providing for the revision of the plans and specifications on the Municipal Auditorium was carried. City Architect J. J. Donovan of Oakland will revise the plans and new bids will be called for at once. The lowest bid received for the general construction was \$78,000 in excess of the amount available.

PORTERVILLE, TULARE CO., CAL.—Lodge hall and stores, 2 story and base, brick and steel. Cost not stated. Architect, J. L. Roberts, Porterville. Owner, Porterville Odd Fellows' Hall Association. A site at the corner of Main and Cleveland streets has been secured and plans are now being prepared for a building containing two stories on the first floor and modern lodge halls and banquet room on the upper floor. Interior finish will be of pine and redwood. A maple floor will be used in the hall room. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are now being completed and bids will shortly be called.

HOSPITALS.

NORWALK, LOS ANGELES CO., CAL.—Hospital, group, 1 and 2 story and base, reinforced concrete, \$140,000. Architect, State Architect George H. McDonald, Sacramento. Owners, State of California. Only preliminary plans have been prepared for this group of buildings and details are not available. The tract on which these buildings are to be erected covers an area of 205 acres. Construction will be fireproof throughout. Working drawings are to be prepared as soon as the preliminary sketches have received the approval of the State Board of Control.

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital, 3 story and base, reinforced concrete, \$110,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, St. Joseph's Home. This work has been mentioned here before when the plans were first out for figures. The building will be erected on North California street covering a large area and will be fireproof throughout. There will be a number of wards besides pri-

vate rooms and operating room. Interior will be finished in pine and hardwoods. Plans provide for steam heat and elevator service. Metal window sash and frames will be specified. Exterior of the building will be faced with cement plaster. Plans are complete and new figures are being taken. Father McCough is in charge of the work.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete, \$30,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. B. Keite. The building will be erected on the south side of Post street west of Larkin. Plans show a total of sixty guest rooms and thirty baths. Interior finish will be of pine and redwood with some hardwood veneer. There will be steam heat, elevator service and a hot water system. Bath rooms will have cement floors and tile wainscot. Some ornamental plaster will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SANTA VIENETTA, MARIN CO., CAL.—Hotel, pavilion, etc., 1 and 2 story reinforced concrete. Cost not stated. Architects, Maybeck & White, Lick Bldg., S. F. Owners, Santa Vientetta Co. These buildings are proposed and only preliminary sketches have been made. Santa Vientetta is a new tract which is to be placed on the market and the improvements are to be erected by the company. Further details of this work will be given as the plans progress.

FRESNO, FRESNO CO., CAL.—Hotel alterations, frame construction. Cost not stated. Architect, Eugene Mathewson Forsythe Bldg., Fresno. Owner, T. C. White. The present building located at the corner of I and Merced streets will undergo extensive repairs. First floor will be altered for a number of stores and upper floors will be completely remodeled. Stores will have patent store fronts and plate glass windows. Interior finish will be of pine throughout. A new heating system will be installed. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and steel, \$150,000. Architects, O. P. Dennis and H. H. Hewitt, Fay Bldg., L. A. Owner, L. D. Hines. The building will be erected on Hollywood Boulevard near St. Andrews Place. The building has been designed in the shape of a letter H with extreme dimensions of 150 by 150. Interior will contain 150 guest rooms, 75 per cent of which will have private baths. Interior finish will be of pine and white enamel. Hardwood floors will be used in the hall ways. There will be steam heat, elevator service and a vacuum cleaning system. All bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with ruffled brick. Considerable marble and tile will be used. Plans are being prepared and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$35,000. Architects, Richards-Newstam Const. Co., Wright & Callender Bldg., L. A. Owner, N. E. Cramer, 200 Title Insurance Bldg., L. A. The building will be erected on North Los Angeles street

covering an area of 67 by 73 feet. There will be a total of 72 guest rooms on the upper floors. First floor will contain, besides the hotel entrance, five stores. Interior finish will be of pine throughout. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, elevator service and a hot water system. Stores will have patent store fronts and plate glass windows. Some marble and tile wainscot will be used. Exterior of the building will be faced with pressed brick. Plans are in the hands of the owner who is taking subfigures on the various parts of the work.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, brick and steel. Cost not stated. Architect, A. W. Smith, 1004 Broadway, Oakland. Owners, English and Haegerly. The building will be erected on a corner site and has been designed for a store besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 54 guest rooms and a number of public baths. Interior finish will be of pine. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

BIG CREEK, FRESNO CO., CAL.—Hotel, 1 story, rustic construction, \$25,000. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owner, J. E. Bass, Fresno. The building is to be erected at Big Creek Lake and will be rustic in design with exterior of redwood logs. Plans show a total of 54 guest rooms, large lobby, ladies' and gentlemen's parlors and a large dining room. Two fire places large enough to consume huge redwood logs will be constructed, one in the lobby and the other facing an open porch. Interior finish will be such as will harmonize with the surroundings. Hot and cold water will be supplied to all rooms. The hotel will be conducted as a winter and summer resort. Plans are now being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 12 story and base, brick and steel, \$550,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Hart Bros. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. The following work is not included in the contract: Plumbing, steam heating, elevators, power plant, ornamental iron, structural steel, mail chutes, marble and tile work, store fronts, terra cotta work, electric wiring, electric fixtures, painting, vacuum cleaning, ventilating and interior finish. Contract price not stated.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$55,000. Architects, Milwaukee Bldg. Co., Wright & Callender Bldg., L. A. Owners, Sidney Goldman and Charles Jacoby. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$55,000.

SAN FRANCISCO—Hotel, 6 story and base, reinforced brick, \$75,000. Architect, G. Albert Lansburgh, 709 Mission Street, S. F. Owner, A. Eisenberg. Contractors, MacDonald & Kahn, Riata Bldg., S. F., general construction. Contract price not stated.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State exhibit building, frame and plaster, \$250,000. Architect, Charles B. Meyers, 1 Union Square West, New York. Owners, State of New York. Working drawings for the New York State Exhibit building which is to be erected in the Panama-Pacific Exposition grounds are complete and copies of the same have been forwarded to the Directors in this city. Bids are now being taken and will be opened by the New York State Commission, 140 West 42nd street, New York, on November 8 at 12 o'clock noon. Separate figures will be taken for the general construction, plumbing, heating and electric work. Time allowed for completing the general contract is set at 250 calendar days and for the heating and plumbing 225 days, and 100 days for the electric work. Plans may be secured from the Director of Works, Service Bldg., San Francisco, or from the Architect in New York. An official proposal appears in another column of this issue.

—POST OFFICES— Contracts Awarded.

PASADENA, LOS ANGELES CO., CAL.—Post office, 2 story and base, Class A construction, \$184,246. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, Eugene Schuler, Wahpeton, North Dakota. Contract price, \$184,246.

RESIDENCES.

SAN FRANCISCO—Bungalows, 2 1/2 story and base, frame, \$2,500 each. Architect, none. Owners, Western Union Home Builders, Inc., 1617 Telegraph ave., Oakland. These two houses will be erected on 19th avenue west of California street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms and dining rooms. Each living room will have a large open fire place with brick mantel. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residences, 2-story and base, frame, \$3,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, J. P. Fletcher, 310 Lock Bldg. This is the first of several two-story dwellings which Mr. Fletcher will erect on his property on 35th avenue near Fulton street. Each of the houses will contain seven rooms and bath. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile and brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath, rustic and shingles. Plans for the first two of these houses have been completed and work will be started at once under the Day Labor system. Mr. Fletcher is now in the market for all materials.

SAN FRANCISCO—Residence, 2-story and base, frame, \$3,500. Architect, none. Owners, Eva and Charles E. Reinhardt, 17th and Kansas streets, S. F. The dwelling, which has been designed for a seven room house with bath and sleeping porch, will be erected at the corner of Rivoli and Cole streets. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect none. Owner, J. Anderson, 423 16th avenue, S. F. The dwelling will contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. There will be a large open fire place with brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner, who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story, attic and base, brick and steel, \$60,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, F. Sheldon Potter. This house, designed for one of the handsomest homes in San Francisco, will be erected at the northwest corner of Cherry and Jackson streets on property having a frontage of over 80 feet. The design is in the Tudor Gothic style and will be carried out of pressed brick and cut stone. Interior has been arranged for in the neighborhood of 16 rooms, a number of baths and sleeping porches. Interior finish will be of French walnut and Siberian oak. Many other hardwoods and white enamel will also be used in the finish. Hardwood floors will be used throughout except in the bathrooms which will have composition floors and tile wainscot. Plans provide for a central heating system, either steam or hot water. There will be elevator service, a vacuum cleaning system and other modern improvements. Marble, tile and ornamental plaster are also specified. Plans will be completed within a few days and segregated figures will be called.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, Robert L. Sommons, 512 Cole street, S. F. Owner, W. Stillier, 4167 20th street. The house will be erected on 19th avenue north of Cabrillo street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place with brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect,

none. Owner, Emil Nelson. 70 Jersey street, S. F. The house will contain six rooms and bath and will be erected on the west side of Diamond street south of 21st. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base frame, \$2,500. Architect, none. Owners, Johnson and Johnson, 55 A Divisadero street, S. F. The house will be erected on 23rd avenue north of Irving and has been designed for a seven room house with bath. Interior will be finished in pine throughout with hardwood floors in the living and dining rooms and reception hall. Living room will have a large open fire place with brick mantel. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the owners will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base frame, \$3,000. Architect, none. Owner, E. Ginley, 131 5th avenue, S. F. The dwelling will be erected on the west side of 9th avenue north of Clement street and will contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are complete. Work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base frame. Cost not stated. Architects, Cox and Knowles, Central Bank Bldg., Oakland. Owner, Mrs. Clara Kummer. The dwelling will be erected on Monte Vista avenue near Moraga and will contain eight rooms, several baths and sleeping porch. Interior finish will be of pine, hardwoods and white enamel. Plans provide for furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the principal rooms. Boilers of 52 gallons capacity will be installed. Composition floors and tile wainscot will be used in the bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base frame, \$1,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, John G. Woir. The dwelling will be erected in Claremont and has been designed to contain eight rooms, baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and

open fire places. Mantels will be of tile. There will be a vacuum cleaning system and an automatic water heater. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base frame, cost not stated. Architect, Joan Hudson Thomas, First National Bank Bldg., Berkeley. Owner's name withheld. The dwelling will be erected in Northbrae and has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base frame, \$3,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, Hugo Kech. This house, designed for a six room dwelling with bath and sleeping porch, will be erected in Northbrae. Interior finish will be of pine with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. The architect is now completing working drawings for the building. Bids will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base frame. Cost not stated. Architect, Maury I. Biggs, Berkeley. Owners, Marshall and Biggs. The dwelling will be erected on Ashby avenue near where the same owners have been operating for some time. The house has been designed to contain seven rooms and bath. Interior will be finished in pine with some elm panels and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owners and work will be carried on by Day Labor. All materials are being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue Berkeley. Owner, Mr. Ocheltree. The dwelling will be erected on Bonita avenue and has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood floors and veneer. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and

the work will be done by Day Labor. ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base frame, \$8,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, W. P. Edwards. The dwelling will be erected on Waterside Terrace and has been designed for an eight room house with two baths and a sleeping porch. Interior finish will be of pine, white enamel and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for a hot water system of heating and open fire places. Mantels will be of brick and tile. Automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 1 story and base frame. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: Norridge Bros., 785 East St. John's st., San Jose, 1 story 6 room bungalow, \$2,000, and F. Peres, 6th and Martha street, San Jose, 1 story 4 room cottage, \$1,500.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1½ story and base frame, \$3,000. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owner, Dr. O. H. Peterson. The bungalow will contain seven rooms and bath and will be erected in the new residence tract known as "The Oaks." Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base frame. Cost not stated. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owner, Mr. Wichman. The house will contain fourteen rooms, three baths and sleeping porches. Interior finish will be of pine, mahogany and walnut. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. All bath rooms will have tile floors and wainscot. A hot water system will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A red clay tile roof will also be used. Plans are complete and figures are being taken.

SEWERS, STREET WORK AND WATER SYSTEMS.

SANTA BARBARA CO., CAL.—Highway work, materials, etc. Cost not stated. Engineer, County Engineer, Santa Barbara. Owners, Santa Barbara County. Bids will be opened on November 3rd at 10 a. m. for furnishing of labor and materials, tools, etc. for the construction of 8,000 feet of highway. The work is to be done in the Fifth Road District. Plans and full particulars can be had on application to the County Engineer, Santa Barbara.

SCHOOLS.

OAKLAND, CAL.—School, 1 story and base, reinforced concrete, \$75,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened at the last meeting of the Oakland Board of Education for the construction of the Lockwood School show all bids to be in excess of the amount available. It is probable however, that the contract will be awarded to the lowest bidder. Bids were received on a number of alternate propositions. A complete list of these figures will be found under the heading of Oakland and Alameda in this issue.

STOCKTON, SAN JOAQUIN CO., CAL.—School addition, 2 story and base, reinforced concrete. Cost not stated. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. The present building located at the corner of Jackson and San Joaquin streets is to be enlarged. Plans for this work have been approved by the Board of Education and figures are now being taken. Bids will be opened on October 22. Plans and full particulars can be secured from the architects.

CLAREMONT, LOS ANGELES CO., CAL.—School of music, 2 story and base, reinforced concrete, \$90,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. The building, designed for a music hall, will be in the shape of a letter Y with a length of 260 feet and an average width of 45 feet. The main auditorium will seat 1,000 people. Besides the main auditorium plans provide for eight large studios and 16 practice rooms. Construction will be fireproof throughout with cement floors and roof slabs and hollow tile walls and interior partitions. Interior finish will be of pine and hardwoods. A central heating system and modern ventilating plant will be installed. Exterior will be faced with cement plaster. Plans will be out for figures within ten days.

CHINO, SAN BERNARDINO CO., CAL.—School, 1 story and base, brick, \$35,000. Architects, Withey & Davis, Story Bldg., L. A. Owners, Chino School District. The building will cover a large ground area and has been designed to contain 12 standard size class rooms, library and assembly hall. Interior finish will be of pine. Slate blackboards will be used. An automatic water heater will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

WILLOWS, GLENN CO., CAL.—School, 2 story and base, reinforced concrete, \$60,000. Architect, W. H. Weeks, 75 Post street, S. P. Owners, Willows School District. Bonds for a new school building have been voted and plans submitted by Architect Weeks some time ago and approved by the Board of School Directors will be complete and bids called for shortly. The building will contain a number of standard size class rooms and a large assembly hall. Interior finish will be of pine with maple floors. A central heating system, probably steam heat, will be installed. Exterior of the building will be faced with cement plaster. Further mention of this work will be made when bids are called.

EUREKA, HUMBOLDT CO., CAL.—School, 2 story and base, reinforced

concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. P. Owners, Eureka Union High School District. Plans presented by Architect Weeks in competition with one other San Francisco firm and the local firm of Ackerman & Reese were selected by the Board of Education. The building will be fireproof and will contain besides the usual class rooms, a large auditorium, domestic science rooms and a manual training department. Interior will be finished in pine with maple floors. Plans provide for steam heat and a modern system of ventilation and vacuum cleaning. Exterior of the building will be faced with cement plaster. Bids will be called for as soon as plans can be completed.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL. School, 2 story and base, reinforced concrete, \$17,500. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Stockton School District. Contractors Chirhart and Nystedt, Stockton, general construction only. Contract price, \$17,500. A complete list of these bids appears under the heading of Sacramento, Stockton and Northern California in this issue.

STORES AND OFFICES.

RICHMOND, CONTRA COSTA CO., CAL.—Store, 1 story and base, brick. Cost not stated. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Teherassy. This building will be erected at the corner of Richmond avenue and Park Place and will be designed for a large wholesale and retail grocery house. Considerable marble and tile will be used. Interior finish will be of pine. Patent store fronts and plate glass windows will be used. Exterior of the building will probably be faced with cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, Class A construction. Cost not stated. Architect, George W. Harding, Washington Bldg., L. A. Owners, Kelow and Brown. The building will be erected at the corner of Boyd and Omar streets with a frontage of 65 feet on one street and 160 feet on the other. Upper floors will be arranged for light manufacturing plants like printers, etc. First floor will contain the office and paint of the owners. Construction will be fireproof throughout with a complete steel frame and exterior walls, floors and roof of reinforced concrete. Plans provide for elevator service, vacuum cleaning system and mail chutes. Metal window sash and frames will be used. Exterior will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Stores and theatre, 1 story and base, brick and steel, \$35,000. Architects, Austin and Pennell, Wright & Callender Bldg., L. A. Owners, H. L. McAllister and J. M. Dobbins. This work has been mentioned here before when plans were first started. The building will occupy a corner site and will contain a theatre seating 850 people and five stores. Interior finish will be of pine and hardwood. Considerable ornamental plaster will be used in the theatre. There will be cement floors, metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans

are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Office building annex, 12 story and base, Class A construction. Cost not stated. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. P. Owner, Ogden Mills. Contractors, Clinton Fireproofing Co., concrete work. Contract price not stated. James McLaughlin, 244 Kearny street, carpentry work. Contract price not stated.

SAN FRANCISCO—Offices, 10 story and base, Class A construction, \$100,000. Architect, E. A. Bozio, 1125 Laguna street, S. F. Owners, French American National Bank of Savings. Contractor, P. J. Walker, Monadnock Bldg., general construction. Contract price, \$100,000.

THEATRES.

LOS ANGELES, CAL.—Greek theatre, reinforced concrete construction, \$150,000. Architects, Heath and Grove, Tacoma, Wash., associated with S. Tilden Norton and Frederick H. Wallis, Title Insurance Bldg., L. A. Owner, City of Los Angeles. This structure will be erected in Vermont Canyon and is a gift to the city from Col. G. J. Griffith. The theatre will be built in a natural amphitheatre with sufficient seating area for 25,000 people. The present seating capacity of the theatre will be 10,000. A stage 200 feet in width and with complete dressing rooms and storage space for scenery has been provided. The classic style of architecture will be used. Exterior will be faced with artificial stone. Plans are being prepared.

LOS ANGELES, CAL.—Ice rink, 1 story and base, brick and steel, \$150,000. Architect, Frederick Noonan, Wright & Callender Bldg., L. A. Owner's name withheld. The building will be erected at the corner of Grand avenue and Jefferson street covering an area of 175 by 125 feet. Besides the ice rink and ice making machinery there will be two stores and a moving picture theatre. A steel trussed roof covered with glass will be used. Interior finish will be of pine. Exterior of the building will be faced with pressed brick. Plans are nearly complete and bids will be called for within a week. Contract for machinery will be let separately.

SEATTLE, WASH.—Theatre, 2 story and base, reinforced concrete. Cost not stated. Architect, J. A. Creutzer, New York Bldg., Seattle. Owners, Isis Land Co. The building will be erected on Broadway near Pine and will have a street frontage of 36 feet and a depth of 120 feet. There will be one store beside the theatre. Construction will be fireproof. Interior will be finished in pine and ornamental plaster. There will be steam heat and a modern system of ventilation. The main auditorium will have a seating capacity of 500 people. Exterior of the building will be faced with cement plaster. The general contract will not include heating, plumbing, electric work or interior decorating. Plans are complete and figures are being taken.

SEALED PROPOSALS.

NOTICE INVITING BIDS.

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of San Joa-

quin County, California, at the office of said Board, in the City of Stockton, until 10 o'clock a. m. of Saturday, October 25, 1913, for graveling a public road by County 2 south, range 1 east, M. D. B. & M., a total distance of one-half mile; for grading and graveling a portion of the Wackmuth road, a total distance of about one mile; and for grading and graveling a portion of the C. A. Howard road, a total distance of about two and one-half miles, according to plans and specifications prepared by County Surveyor Quail and adopted and filed by this Board October 7, 1913, to which bidders are particularly referred.

Bids must be made on forms to be obtained at the office of the Board of Supervisors and presented in sealed envelopes marked to designate the work bid upon.

All proposals must be accompanied by United States currency or certified check made payable to the Chairman of the said Board of Supervisors in the sum of \$100.00, to be received at the bid and a bond of 50 per cent of the contract price will be required of the successful bidder.

The Board reserves the right to reject any or all bids.
By order of said Board made October 7, 1913.
EUGENE D. GRAHAM, Clerk.

NOTICE TO BIDDERS ON RECONSTRUCTION OF THE JACKSON SCHOOL.

Notice is hereby given by the Board of Education of the City of Stockton that sealed bids will be received at the office of said board in the High school building in said city up to the hour of 8 p. m. on the 22d day of October, 1913, for the furnishing of work, labor and materials to reconstruct a certain school building for Stockton School District known as Jackson Grammar School, situate on Jackson and San Joaquin streets.

Bids shall be for the erection of an addition and reconstruction and the furnishing of all and every kind and sort of labor and material according to the plans and specifications, which may be seen at the office of Stone & Wright, architects, 24 S. California street, Stockton, California, during business hours, and which shall comprise everything necessary to complete the building described and designated in said plans and specifications, exclusive of heating and ventilating system.

A deposit of \$100.00 is required when plans are taken from the office.

All bids must be accompanied by a certified check or certificate of deposit for the sum of \$100.00, to be received at the office of said Board of Education, amount bid, conditioned that the successful bidder shall enter into a contract in accordance with such bid, and file with said Board of Education, and be approved by them within ten days after the acceptance of his bid, which bond shall be conditioned for the faithful fulfillment of the contract entered into, and to be for at least fifty per cent of the amount of the contract price for the work to be done thereunder. All work to be done and materials furnished shall be in accordance with the plans and specifications herein specified, and all bids hereunder will be opened at the hour of 8 o'clock p. m. on the 22d day of October, 1913, by said Board of Education in the High school building in Stockton School District.

All bids must be submitted on forms obtained from the Superintendent of schools or from architects.

The Board of Education reserves the right to reject any and all bids.

Dated October 1, 1913.
By order of the Board of Education of the City of Stockton.

By ANSEL S. WILLIAMS, Secretary.

NOTICE.

Bids will be received by the Board of Directors of the South San Joaquin Irrigation District, for wooden auxiliary structures, between October 21, 1913.

Plans and specifications can be seen at the office of the Board at Manteca, California.

PROPOSALS FOR FILING EQUIPMENT.

FILING EQUIPMENT—Tenders Department, Office of the State Engineer, Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m., October 24, 1913, and then opened, for

supplying and installing sectional filing equipment in the office of the clerk of court in the U. S. post office building at Portland, Oreg. Bidders are at liberty to offer furniture of any make. Specifications and schedules of filing capacity required can be obtained on application to this office. The department reserves the right to reject any or all bids and to waive defects. Telegraphic bids or modifications of bids will not be considered. Each proposal must be accompanied by a certified check in the sum of 10 per cent of the aggregate amount thereof, drawn to the order of the treasurer of the United States, as guarantee of good faith. O. WENDERTH, supervising architect.

PROPOSALS FOR JETTY WORK.

JETTY WORK—U. S. Engineer's office, Portland, Oreg.—Sealed proposals for constructing north jetty at entrance to Tillamook Bay, Oreg., will be received here until 3 o'clock p. m., November 1, 1913, and then publicly opened. Information on application. JAY J. MORROW, major, engineers.

PROPOSALS FOR DREDGING EQUIPMENT.

DREDGING EQUIPMENT—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Boise, Idaho, until 2 o'clock p. m. October 25, 1913, for dredging equipment to be used at the New Jackson Lake Dam, at Moran, Wyo. For particulars address the United States Reclamation Service, Boise, Idaho, or Washington, D. C. A. P. DAVIS, acting director.

PROPOSALS FOR EXCAVATING AND BUILDINGS.

EXCAVATING AND STRUCTURES—Department of the Interior, U. S. Reclamation Service, Malta, Mont.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Malta, Mont., until 2 o'clock p. m., November 12, 1913, for earthwork and structures, Vandalia, South Canal, involving about 450,000 cubic yards of excavation, 2,600 cubic yards of reinforced concrete and the placing of 250,000 pounds of steel reinforcement and the placing in wooden structures of about 130,000 feet, b. m., of lumber. The work is situated on the south side of Milk River, adjacent to the main line of the Great Northern Railway, in the vicinity of Vandalia, Tannock and Glasgow, Mont. For particulars address the United States Reclamation Service, Washington, D. C. Great Falls, Mont., or Malta, Mont.

PROPOSALS FOR CANAL SALE.

PANAMA CANAL EQUIPMENT—THE SALESMAN, Panama Canal Commission, will offer for sale in the near future the equipment used in building the Panama Canal, such as rolling stock, excavators, machinery, equipment, miscellaneous plants and miscellaneous equipment, including locomotives, cars, steam shovels, cranes, unloaders, earth spreaders, track shifters, rock drills, well drills, dredges, barges, tugs, launches, pile drivers, concrete handling plants, pumps, rock crushers, etc. Inquiries from users of such equipment are invited for its purchase. The catalogues listing the equipment offered for sale and other information may be obtained upon application to the general purchasing agent, Washington, D. C. F. C. BOGGS, major corps of engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR GENERATOR SET.

GENERATOR SET—Sealed proposals indorsed "Proposals for Motor Generator Set" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 8, 1913, and then and there publicly opened, for one 100-kilowatt motor generator set and switchboard accessories at the naval station, Pearl Harbor, Hawaii. Specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR TANK AND TOWER.

TANK AND TOWER—Sealed proposals indorsed "Proposals for Tank and Tower" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 15, 1913, and

then and there publicly opened, for 250,000 gallons elevated steel tank and tower at the naval station, Pearl Harbor, Hawaii. Estimated cost, \$11,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

NOTICE CALLING FOR BIDS FOR FURNISHING OF ALL THE MATERIALS, LABOR AND WORKMANSHIP REQUIRED IN THE JAIL WORK AND EQUIPMENT FOR THE CITY HALL BUILDING.

Pursuant to Resolution No. 6690 N. S., passed by the Council of the City of Oakland on October 14, 1913, the Council of the City of Oakland will receive proposals, or bids, and alternate bids for furnishing of all the materials, labor and workmanship required in connection with the Jail Work and Equipment required for the City Hall Building in the City of Oakland, California. All proposals shall be made in accordance with the requirements of the forms of proposals prepared and furnished by the City, through the Architects, and shall be enclosed in sealed envelopes, endorsed "Bid for furnishing of all the materials, labor and workmanship, required in connection with the Jail Work and Equipment required for the City Hall Building, to be addressed to the Council and deposited by the bidder, or his agent, with said Council, while in session, between eleven o'clock a. m. and twelve o'clock noon Pacific time, on the 6th day of November, 1913, in the room of the Council in the City Hall, Fourteenth and Washington Streets, Oakland, and at the place of expiration of the time the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of Palmer Hornbuckle Jones, Architects, at City Hall Building, to which said plans and specifications reference is hereby made.

The contract for the furnishing of all the labor and material entering into the construction and completion of the said work, indicated on the drawings and as called for in the specifications, is to be let to be awarded as a whole or general contract.

No bid will be received or considered which is not accompanied by a check certified to the City Clerk, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the proposal. Alternate bids need not be accompanied by certified checks, but no alternate bid will be considered unless accompanied by an original bid, which shall be accompanied by a certified check. Said check shall be forfeited to aid be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City as required by the Charter of the City of Oakland, within five (5) days after receiving notice of award. The contract to be awarded to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the Owner or the Architect. The successful bidder's entire work in accordance with the requirements of the agreement, plans, drawings and specifications, prepared therefor to the entire satisfaction of the Commission of Public Works and the Council on or before eighty (80) working days from and after the beginning of the work. The City of Oakland will reimburse the bidder (\$30.00) per diem, from payments or money due the Contractor, as proper, liquidated and ascertained damages, for each and every working day consequent to the Contractor's failure for the performance and completion of the work, in excess of the eighty (80) working days allowed and mentioned above.

After the award and upon the execution of the agreement, the Contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract and in an amount equal to twenty-five per cent (25%) of the amount named in the bid. The Contractor shall likewise execute and deliver at

the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per cent. (50%) of the amount named in said agreement.

A set of the forms of proposal and of the required affidavits, agreement bonds, acknowledgement and specifications will be furnished contractors on demand at the office of the clerk of the City Hall Building. The plans and drawings may be had at the said office of the Architects after October 15th, 1913, within a reasonable time after application, and upon a deposit of Twenty-five Dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architects in good condition; one complete set of plans and drawings required for the work will be furnished each applicant. Additional copies will, however, be furnished provided the applicant pay the cost of reproduction, and such additional copies to be returned to the Architects together with the first set.

All information relative to the requirements for building, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Architects upon application at the office of the City Hall Building.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter of the City of Oakland.

By order of the Council of the City of Oakland.

FRANK M. SMITH, City Clerk.

NOTICE TO BIDDERS.

Office of the Clerk of the Board of Supervisors, San Mateo County.

Sealed bids will be received by the clerk of the Board of Supervisors of San Mateo county, at his office, until 2 o'clock a. m., Monday, November 3d, 1913, for the construction of 1.367 miles of highway on local is commonly known as Mission Road (or El Camino Real), beginning at a point on said road distant about 113 feet southerly from where the northernly limit of Redwood City crosses said road and extending to the southerly limits of Redwood City, in the Third Road District of said county of San Mateo.

Specifications for this work are on file in the office of said Board, to which bidders are hereby referred.

All bids must be made upon blank form, to be obtained at the County Surveyor's office, of said county of Redwood City; must give the prices proposed both in writing and figures, and must be signed by the bidder with his address.

The bid is to be accompanied with a certified check equal to ten (10) per cent. of the total of the bid, upon the condition that if said bid shall be accepted the party bidding will duly enter into the contract and faithfully perform his contract in accordance with his bid and the plans and specifications. Such check to be made payable to said County of San Mateo.

Bids must be enclosed in a sealed envelope addressed to the clerk of the Board of Supervisors and must be endorsed "Bids for Highway on local is on County Road within the city limits of Redwood City."

The Board of Supervisors reserves the right to reject any and all bids.

Attest: J. A. H. NASH, Clerk of the Board of Supervisors of the county of San Mateo.

NOTICE TO CONTRACTORS.

(P. P. E. 10-21-13.)
EXPOSITION BUILDING. The New York State Commission, 140 West Forty-second street, New York City, will receive bids up to 12 o'clock noon of November 19, 1913, for the erection of the New York State building at the Panama Exposition grounds in San Francisco. Separate bids will be taken on the general work, plumbing, heating and electric wiring. The work allowed for completing the general work is 250 calendar days, 225 days for plumbing and heating contracts, and 100 days for electrical work. Forms of proposal, together with copies of the contracts and specifications, may be had at the office of the Commission 140 West Forty-second street, New York City, and

drawings may be obtained from the Architect, Charles B. Meyers, 1 Union Square West, New York City, and at the office of the Panama-Pacific International Exposition, San Francisco, Cal. Contractors desiring blue prints will be required to deposit six (6) dollars, the cost price of printing. Norman E. Mack, chairman.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 802—Proposals for Furnishing Certain Equipment for the Miraflores Water Purification Plant, Such as Cast-Iron Pipe, Fittings, Miscellaneous Special Parts, Hydraulic and Miscellaneous Valves and Gates, Efficient Controllers, Filter Operating Tables and Equipment, Venturi Meters, Miscellaneous Galvanized Iron, Brass, and Vitriol Pipe, Ballings and Fittings, Structural Steel and Copper Ventilators, Etc.—Sealed proposals will be received at the office of the general purchasing agent, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., October 30, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 802) may be obtained from this office or the offices of the usual purchasing agent, 1086 North Point Street, San Francisco, Cal., and also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, general purchasing agent, U. S. A., general purchasing office.

PROPOSALS FOR EARTHWORK AND STRUCTURES.

EARTHWORK AND STRUCTURES.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m., November 12, 1913, for earthwork and structures for the South Canal, involving about 480,000 cubic yards of excavation, 2,600 cubic yards of reinforced concrete, the placing of 250,000 pounds of steel reinforcement and the placing in wooden structures of about 130,000 feet, b. m. of lumber. The work is situated on the south side of Milk River adjacent to the main line of the Great Northern Railway in the vicinity of Vandellia, Tampico and Glasgow, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. A. P. DAVIS, acting director.

PROPOSALS FOR VALVES.

REGULATING VALVES.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, California, until 2 o'clock p. m., November 19, 1913, for furnishing four needle regulating valves for Minotaur Dam, North Platte Project, Nebraska. For particulars address the United States Reclamation Service, 605 Federal Building, Los Angeles, California, or Washington, D. C. A. P. DAVIS, acting director.

NOTICE TO CONTRACTORS.

THE TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., October 1, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock p. m., on the 30th day of October, 1913, and then opened, for an electric passenger elevator, including hoistway, etc., in the United States Post office at St. Louis, Mo., in accordance with the drawing and specification, copies of which may be obtained at this office at the discretion of the Supervising Architect, C. W. WENDERTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock noon, Tuesday, October 22d, 1913; said bids then and there to be publicly opened and read for furnishing all plant, materials and labor for the following work in the State Capitol Building at

Sacramento, California, in accordance with the specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Bids will be received:

First—For remodeling elevator grilles in the State Capitol Building.

Second—For the construction and erection of two new passenger elevators, with equipment for same, in the State Capitol Building.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to approve any formally in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for elevators and grilles in the State Capitol, Sacramento, California."

(Signed) W. F. McCLURE, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING.—Sealed proposals, endorsed "Proposals for Addition to Kitchen" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 1, 1913, and then and there publicly opened, for addition to kitchen at the U. S. marine barracks, Mare Island, Cal. Plans and specifications can be obtained on application to the bureau or the commanding of the naval yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, October 16, 1913.—SEALED PROPOSALS will be opened in this office at 3 P. M., on January 15, 1914, for the construction, complete, including mechanical equipment and approaches of the United States post office, customhouse and courthouse at Hilo, Hawaii. The building will be of two stories, basement and ground area 1,000 square feet, 12,000 square feet. The construction throughout is of reinforced concrete, with tile and copper roof. Drawings and specifications may be obtained from the custodian of site at Hilo, Hawaii, from the architect, Henry B. Whitfield, 160 Fifth Avenue, New York City, or at this office, in the discretion of the Supervising Architect, C. W. WENDERTH, Supervising Architect. (*)

PROPOSALS FOR ICE PLANT.

ICE PLANT.—Sealed proposals, endorsed "Proposals for Building for Ice Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 1, 1913, and then and there publicly opened, for building for ice-making and cold-storage plant, Naval Station, Pearl Harbor, Hawaii. Estimated cost, \$9,000. Plans and specifications can be obtained on application to the bureau or to the commanding of the naval station, Honolulu, T. H. H. R. STANFORD, chief of bureau, September 11, 1913.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., October 15, 1913.—SEALED PROPOSALS will be opened in this office at 3 P. M., November 26, 1913, for the construction complete (including mechanical equipment and approaches) of the United States Post Office at Albany, Oregon. Two-story and basement building, ground area 4,000 square feet, stucco, stone and terra cotta faced, in roof. Drawings and specifications may be obtained from the Custodian of site at Albany, Oregon, or at this office, in the discretion of the Supervising Architect, C. W. WENDERTH, Supervising Architect. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

BUNGALOWS—2 1½ story and base, frame, \$2,500 each. San Francisco. Architect, none. Owners, Western Union Home Builders, Inc., 161½ Telegraph ave., Oakland. These two houses will be erected on 19th avenue west of California street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms and dining rooms. Each living room will have a large open fire place with brick mantel. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCES—2-story and base, frame, \$3,000. San Francisco. Architect, Charles C. Frye. 20 Montgomery street, S. F. Owner, J. P. Fletcher, 310 Lick Bldg. This is the first of several two story dwellings which Mr. Fletcher will erect on his property on 35th avenue near Fulton street. Each of the houses will contain seven rooms and bath. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile and brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath, rustic and shingles. Plans for the first two of these houses have been completed and the work will be started at once under the Day Labor system. Mr. Fletcher is now in the market for all materials.

RESIDENCE—2 story and base, frame, \$3,800. San Francisco. Architect, none. Owners, Eva and Charles E. Reinhardt, 17th and Kansas streets, S. F. The dwelling, which has been designed for a seven room house with bath and sleeping porch, will be erected at the corner of Rivoli and Cole streets. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Owner, J. Anderson, 423 16th avenue, S. F. The dwelling will contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. There will be a large open fire place with brick mantel in the living room. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner

who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story, attic and base, brick and steel, \$60,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, F. Sheldon Potter. This house, designed for one of the handsomest homes in San Francisco, will be erected at the northwest corner of Cherry and Jackson streets on property having a frontage of over 80 feet. The design is in the Tudor Gothic style and will be carried out of pressed brick and cut stone. Interior has been arranged for in the neighborhood of 16 rooms, a number of baths and sleeping porches. Interior finish will be of French walnut and Siberian oak. Many other hardwoods and white enamel will also be used in the finish. Hardwood floors will be used throughout except in the bath rooms which will have composition floors and tile wainscot. Plans provide for a central heating system, either steam or hot water. There will be elevator service, a vacuum cleaning system and other modern improvements. Marble, tile and ornamental plaster are also specified. Plans will be completed within a few days and segregated figures will be called.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, Robert L. Sommons, 512 Cole street, S. F. Owner, W. Stiller, 4167 20th street. The house will be erected on 19th avenue north of Cabrillo street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place with brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Emil Nelson, 550 Jersey street, S. F. The house will contain six rooms and bath and will be erected on the west side of Diamond street south of 21st. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Johnson and Johnson, 55A Devisadero street, S. F. The house will be erected on 23rd avenue north of Irving and has been designed for a seven room house with bath. Interior will be finished in pine throughout with hardwood floors in the living and dining rooms and reception hall. Living room will have a large open fire place with brick mantel. An au-

tomatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the owners will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, E. Ginley, 131 5th avenue, S. F. The dwelling will be erected on the west side of 9th avenue north of Clement street and will contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are complete. Work will be done by Day Labor.

APARTMENT HOUSES—2 and 3 story, frame, \$10,000. San Francisco. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner's name withheld. These two buildings will be erected on the north side of Union street near Hyde, the three story structure on the front of the lot and the two story building in the rear. There will be five apartments of two, three and four rooms. Interiors will be finished in pine and redwood. Each apartment will have a private bath and wall beds. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath and shiplap. Terrazzo will be used in the entrance vestibules. Plans are now being prepared.

APARTMENT HOUSES—2, 2 story and base, frame, \$5,000, each San Francisco. Architect, none. Owners, Ruegg Bros., 719 Pacific Bldg., S. F. These two houses will be erected on Ramona street south of 14th street. Each house will have a frontage of 25 feet and a depth of 56 feet. There will be four four-room apartments in each building. All suites will have private baths and wall beds. Interior finish will be of pine throughout. Bath rooms will have composition floors and tile wainscot. Exterior of the buildings will be covered with rustic and shiplap with brick veneer bases. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owners, David and John Demartini. These flats will be erected on the west side of Powell street north of Lombard. Each flat will consist of five rooms and bath. Interiors will be finished in pine and redwood. Bath rooms will have tile wainscot. Entrance will be finished in terrazzo and marble. A gas grate will be used in each living room. Exterior of the building will be covered with shiplap and rustic. Plans are complete and subfigures will be taken at once by the owners.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner, S. N. Busalacchi. The

building will be erected on Francisco street east of Powell and has been designed to contain three modern flats of five and six rooms. Interior finish will be of pine and redwood with some hardwood floors. Bath rooms will be finished in tile. Open fire places and tile mantels will be used in each of the living rooms. Entrances will have marble wainscot and terrazzo steps. Exterior of the building will be covered with cement plaster on metal lath, rustic and shiplap. Plans are complete and bids are now being taken by the architect.

FLATS—3 story and base, frame, \$6,000. Architect, none. Owner, Burt T. Owsley, Sharon Bldg., S. F. The building will be erected on the west line of Clayton street south of Hayes street and will have a frontage of 25 feet and a depth of 68 feet. There will be three flats of five and six rooms each. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living rooms. Bath rooms will have composition floors and tile wainscot. Open fire places and tile or brick mantels will be used in each living room. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner, J. Sauter. These flats will be erected on the east side of Taylor street south of Union covering an area of 25 by 63 feet. Each flat will have six rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. An open fire place and brick or tile mantel will be installed in each living room. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and shiplap with brick veneer base. Entrances will be finished in marble and terrazzo. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

FLATS—2 story and base, frame, \$1,400. San Francisco. Architect, none. Owners, A. and R. Brisa, 255 Vallejo street, S. F. The building will be erected on Filbert street west of Jones and will cover an area of 34 feet 4 inches by 60 feet. Plans provide for four modern flats of four and five rooms. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and work will be done by Day Labor. Materials are now being purchased by the owners.

FLATS—2 story and base, frame, \$3,000 each. San Francisco. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner's name withheld. These buildings will be erected on property on Filbert street between Grant avenue and Kearny street, one building on the front of the lot and one in the rear. Each will be arranged for two modern five room flats. Interiors will be finished in pine and red-

wood. An open fire place with tile mantel will be used in each of the living rooms. The wainscot will be used in the kitchens and bath rooms. Exterior will be covered with rustic and shiplap. Plans are now being prepared. The work will be done by Day Labor.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, Paul F. Demartini, 451 Columbus avenue, S. F. Owner's name withheld. The building will be erected on North Point street between Leavenworth and Montgomery street and will be arranged for four modern flats. Interior finish will be of pine and redwood with some elm panels and hardwood floors. Living rooms will have open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Entrance will be finished in marble and terrazzo. Exterior of the building will be covered with rustic and shiplap with a brick veneer base. Plans are now being prepared for the work.

HOTEL—5 story and base, reinforced concrete, \$20,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. B. Reite. The building will be erected on the south side of Post street west of Larkin. Plans show a total of sixty guest rooms and thirty baths. Interior finish will be of pine and redwood with some hardwood veneer. There will be steam heat, elevator service and a hot water system. Bath rooms will have cement floors and tile wainscot. Some ornamental plaster will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

STATE EXHIBIT BUILDING—frame and plaster, \$250,000. Architect, Charles B. Meyers, 1 Union Square West, New York. Owners, State of New York. Working drawings for the New York State Exhibit building which is to be erected in the Panama-Pacific Exposition grounds are complete and copies of the same have been forwarded to the Directors in this city. Bids are now being taken and will be opened by the New York State Commission, 140 West 42nd street, New York, on November 8 at 12 o'clock noon. Separate figures will be taken for the general construction, plumbing, heating and electric work. Time allowed for completing the general contract is set at 250 calendar days and for the heating and plumbing 225 days and 100 days for the electric work. Plans may be secured from the Director of Works, Service Bldg., San Francisco, or from the Architect in New York. An official proposal appears in another column of this issue.

Contracts Awarded.

LAUNDRY—2 story and base, brick, Cost \$10,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Adolph Schwartz, Contractor, C. D. Rankin, 724 Gough street, S. F. General construction only. Contract price, \$8,200.

HOTEL—6 story and base, reinforced brick, \$15,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, A. Eisenberg, Contractors, MacDonald & Kahn, Bialto Bldg., S. F., general construction. Contract price not stated.

OFFICE BUILDING ANNEX—12 story and base, Class A construction. Cost not stated. San Francisco. Archi-

lects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Ogden Mills, Contractors, Clifton Fireproofing Co., concrete work. Contract price not stated. James McLaughlin, 241 Kearny street, carpentry work. Contract price not stated.

OFFICES—10 story and base, Class A construction, \$100,000. San Francisco. Architect, E. A. Bozlo, 1125 Laguna street, S. F. Owners, French American National Bank of Savings, Contractor, P. J. Walker, Monadnock Bldg., general construction. Contract price, \$100,000.

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
3722	Byrnes	Byrnes	400
3723	Dematteli	Dematteli	450
3724	Dorn	Kalcho	400
3725	St. Luke's	St. Luke's	1000
3726	Glanciel	Blanchard	1500
3727	St. Luke's	St. Luke's	1000
3728	Urban	Urban	5000
3729	Carr	Wheeler	1325
3730	Horgan	Coburn	5000
3731	Del Rell	Kennedy	400
3732	Wyman	Wyman	5000
3733	Wyman	Wyman	15000
3734	Callan	Callan	1000
3735	Consero	Consero	800
3736	Flaherty	Flaherty	1500
3737	Leonard	Leonard	2000
3738	Murdoch	Murdoch	3000
3739	Bergren	Bergren	1000
3740	Beanson	Hennings	800
3741	Binarz	Binarz	1000
3742	Kenny	Kenny	2500
3743	Graney	Federal Sign	500
3744	Pickering	McCabe	650
3745	Rahoney	Federal	2750
3746	Walker	Federal	450
3747	Phillips	Phillips	1750
3748	Ghiselli	Ghiselli	1000
3749	Holt	Holt	6000
3750	Owsley	Owsley	6000
3751	Hill	Witzelburger	1000
3752	Brisa	Brisa	4000
3753	Ginley	Ginley	3000
3754	Nelson	Nelson	1000
3755	Frederic	Frederic	3000
3756	Ruegg	Ruegg	10000
3757	Johnson	Johnson	2500
3758	Ahrens	Reite	33500
3759	T. & T.	Malone	2750
3760	Shotwell	Moore	19851
3761	Same	Pinkerton	2908
3762	Salomon	Anderson	950
3763	Webb	Parry	1500
3764	McCarthy	Enough	1000
3765	Gato	Pagano	600
3766	Hauh	Brumfield	400
3767	Aghiadrites	Danno	500
3768	Kinney	Reiston	475
3769	Ralph	Ralph	700
3770	Lavensaler	Nilson	400
3771	Nolan	Kronnick	400
3772	Stillier	Suller	2000
3773	Dematteli	Dematteli	650
3774	Murphy	Carsen	450
3775	Levin	Gorden	500
3776	Spongole	Truitt	400
3777	Oleson	Meek	450
3778	Brock	Ward	400
3779	St. Luke's	MacRorie	1350
3780	Assmusen	Johnson	2000
3781	Gazzano	Cuneo	5900
3782	Phelan	Floodberg	12000
3783	Barber	Glaser	650
3784	Moise	Klinkner	400
3785	Rabjohn	Pink	500
3786	Looff	Looff	37500
3787	Shubert	Glaser	800
3788	Bishop	Brady	400
3789	Barner	Park	400
3790	Mark	Peterson	450
3791	Breeze	Johnson	900
3792	McGowan	McGowan	600
3793	Lam	Anderson	900
3794	Rowland	Rowland	475
3795	Ruettien	Ruettien	500
3796	Moise	Klinkner	400
3797	Jackson	Jackson	500
3798	Anderson	Anderson	9000
3799	Reinhardt	Reinhardt	3800
3800	Craviotto	Pokati	10000
3801	Pac G & E Co.	Pac Bolter	1415
3802	Cooker	Carr	1645
3803	Sheffer	Hamill	2500
3804	Rudice	Spargo	1000
3805	Pac G & E Co.	Pac Bolter	1115
3806	Harmon	Hendricks	1600
3807	Solar	Novely	500
3808	Solar	Novely	400

3809	Gordon	Blum	600
3810	Dillon	Dillon	600
3811	Clyde	Geary	400
3812	Flatley	Flatley	1000
3813	Allred	Allred	2500
3814	Zadorkin	Zadorkin	400
3815	Conrick	Maddox	650
3816	Shaughnessy	Owner	500
3817	Meudierks	Lamsen	1000
3818	Tyler	McKenzie	400
3819	Colen	Abrahams	400
3820	Raffetto	Mulcahy	700
3821	Wn On Him Bldrs.	Owner	2300
3822	Same	Same	2300
3823	Blair	Karib	4428
3824	Caesar	Hansen	7100
3825	Same	Ralston	12600
3826	Harrison	Coburn	6471
3827	Baggiani	Ferroni	3500
3828	Rehmstedt	Wandering	6435

(Correction in Location)
(3680) W SAN JOSE AVE 50 N Goethe
One-story and basement frame dwlg.
Owner.....Homestead Realty Co, Mu-
tual Bank Bldg., S. F.
Architect...None.
Contractor...Wm. H. Grahn, 2840 Bry-
ant, San Francisco.
COST, \$1350

(3722) SW FOLSOM AND TWENTY-
second. Remodel partition.
Owner.....J. Byrnes, Premises.
Architect...None.
Day's work. COST, \$400

(3723) NO. 2763 GEARY. Repair fire
damages.
Owner.....G. B. Dematteli, Premises.
Architect...P. Demartini, 2869 Octavia
San Francisco.
Day's work. COST, \$450

(3724) NE CLAY AND LAUREL. Re-
shingle roof.
Owner.....M. A. Dern, Phelan Bldg.,
San Francisco.
Architect...None.
Contractor...Ralph Kalloch, 165 Parker
Ave., San Francisco.
COST, \$400

(3725) SW ARMY & VALENCIA.
Erect brick wall, new chimney and
repair plaster.
Owner.....St. Luke's Hospital, Prem.
Architect...L. P. Hobart, Crocker
Bldg., San Francisco.
Day's work. COST, \$1000

(3726) NO. 2164 MASON. Alter and
repair stable.
Owner.....G. Bianchini & Co.
Architect...Louis Mastropasqua, 315
Columbus Ave., S. F.
Day's work. COST, \$600

(3727) SE ARMY AND SAN JOSE
Ave. Erect brick wall, etc.
Owner.....St. Luke's Hospital, Army
and Valencia, S. F.
Architect...L. P. Hobart, Crocker
Bldg., San Francisco.
Day's work. COST, \$1000

(3728) N MONCADA WAY 285 W
Paloma Two-story and basement
frame residence.
Owner.....Urban Realty Imp. Co., 903
Phelan Bldg., S. F.
Architect...None.
Day's work. COST, \$5000

(3729) LOT 37 BLK 51 Reis Tract, No.
149 Arleta Ave. All work except
plumbing for alterations and repairs
to two-story frame residence.
Owner.....James I. and Emma R.
Carr, 149 Arleta, S. F.
Architect...None.
Contractor...A. H. Wheeler, 712 Mont-
gomery, San Francisco.
Filed Oct. 11, '13. Dated Oct. 4, '13.

Rough frame of dormers of porch
cut out and attic floor laid.....\$300
Brown coated 400
Completed 293
Usual 35 days..... 332
TOTAL COST, \$1325
Bond, none. Limit, 60 days. Forfeit,
\$1. Plans and specifications filed.

(3730) E COLE 125 N Fell N 25xE
106-3. All work for two-story and
basement frame (2 flats).
Owner.....John P. Horgan, Board of
Public Works, S. F.
Supt.James H. Jordan.
Contractor...Ira W. Coburn, Hearst
Bldg., San Francisco.

Filed Oct. 11, '13. Dated Oct. 8, '13.
Grading completed, foundations
built and ready for wall fram-
ing\$ 750
Wall framing up, roof ready to
receive asphalt 1000
Outside and inside framing com-
pleted, sash frames in position,
lath and brown coated..... 1000
Completed and accepted..... 1000
Usual 35 days..... 1250
TOTAL COST, \$5000

Bond, \$2500. Sureties, W. L. Petersen
and E. W. Brandon. Limit, 100 days
from Oct. 8 Forfeit, \$5 Plans and
specifications filed

(3731) W BRODERICK 130 S Lom-
bard 25x107-6. All work for two-
story and basement frame (2 flats).
Owner.....John A. Cardinell, 3029
Broderick, S. F.

Architect...John F. Haner, 3579 13th,
San Francisco
Contractor...Jas. Tarbett and Fred
Knott, 2332 Clement, S. F
Filed Oct. 11, '13. Dated Oct. 6, '13.
Frame up, roof boards on....\$1012.50
Brown coated and rough plumb-
ing in 1012.50
Completed and accepted..... 1012.50
Usual 35 days..... 1012.50
TOTAL COST, \$4050.00

Bond, \$2025. Surety, John J. Bell.
Limit, 70 days after Oct. 9. Forfeit,
none. Plans and specifications filed.

(3732) S UNION 60 E Kearny. Three-
story and basement frame (3) flats.
Owner.....E. J. Wyman, 1959 Hayes,
San Francisco.
Architect...None.
Day's work. COST, \$5000

(3733) W HYDE 152 N California.
Three-story and basement frame (12)
apartments.
Owner.....B. J. Wyman, 1959 Hayes,
San Francisco.
Architect...None.
Day's work . COST, \$15,000

(3734) NOS. 1251-1253 GEARY. Minor
repairs and alterations to apartments
Owner.....Edw. J. Callan, 312 Bush,
San Francisco.
Architect...Smith O'Brien, Humboldt
Bank Bldg., San Francisco.
Day's work. COST, \$1000

(3725) S STARK 117 E Stockton. Add
one-story.
Owner.....G. Ponsero, Premises.
Architect...None.
Day's work. COST, \$800

(3736) NOS. 2539-43 POLK. Alter (6)
flats into (2) apartments.
Owner.....John and Louisa Flaherty,
2543 Polk, San Francisco.
Architect...None.
Day's work COST, \$1500

(3737) NO. 1920 VALLEJO. Alter, re-
pair and add to two-story and base-
ment frame building.
Owner.....J. V. Leonard, 126 Stockton
San Francisco.
Architect...None.
Day's work. COST, \$2000

(3738) E CHARTER OAK 188 N Thorn-
ton. One-story and basement frame
dwelling.
Owner.....L. Murdock, 65 Girard,
San Francisco.
Architect...None.
Day's work. COST, \$1000

(3739) W TWENTY-FIFTH AVE 300
S Irving. Two-story and basement
frame residence.
Owner.....G. N. Bergren, 10 Second
Ave., San Francisco.
Architect...H. C. Hladik, 825 Monad-
nock Bldg., S. F.
Contractor...L. G. Bergren & Son, 209
Sanchez, San Francisco
COST, \$3000

(3740) NO. 1014 FILLMORE. General
repairs to store.
Owner.....Geo. Beanston, 1340 Web-
ster, San Francisco.
Architect...None.
Contractor...Adolf Hennings, 1006 Noe,
San Francisco.
COST, \$800

(3741) SE LAIDLEY 88 NE Mateo.
One-story and basement frame dwlg.
Owner.....A. Biniarz, 371 Laidley,
San Francisco.
Architect...None
Day's work. COST, \$1000

(3742) E EIGHTEENTH AVE 25 S
Anza. Two-story and basement
frame residence.
Owner.....W. R. Kenny, 430 Arguello
Boulevard, S. F.
Architect...None.
Day's work. COST, \$2500

(3743) NO. 924 MARKET. Electric
sign.
Owner.....Ed. Graney, Premises.
Architect...None.
Contractor...Federal Elec. Sign Co., 257
8th, San Francisco.
COST, \$500

(3744) NO. 1060 BUSH Underpin
apartments.
Owner.....Mrs. Pickering, 1920 Clay,
San Francisco.
Architect...None.
Contractor...McCabe & Brown, 521 1st
National Bank Bldg., S. F.
COST, \$650

(3745) NO. 126 FREMONT. Electric
sign.
Owner.....J. J. Mahoney, Premises.
Architect...None.
Contractor...Federal Elec. Sign Co., 257
8th, San Francisco.
COST, \$1000

(3746) SE GEARY AND TAYLOR.
Electric sign.
Owner.....P. J. Walker Co., Monad-
nock Bldg., S. F.
Architect...None.
Contractor...Federal Elec. Sign Co., 257
8th, San Francisco.
COST, \$400

(3747) W NINETEENTH AVE 225 S Clement. One-story and basement frame dwelling.
Owner.....J. H. Phillips, 228 23rd Ave., San Francisco.
Architect...None.
Day's work. COST, \$1750

(3748) E MASON 55 S Francisco. Two-story frame stable.
Owner.....G. Ghiselli, 453 Columbus Ave., San Francisco.
Architect...P. F. Demartini, 451 Columbus Ave., S. F.
Day's work. COST, \$1000

(3749) W SANTA BARBARA 160 N St. Francis Boulevard. Two-story and basement frame residence.
Owner.....O. C. Holt, 369 14th Ave., San Francisco.
Architect...None.
Day's work. COST, \$5000

(3750) W CLAYTON 75 S Hayes. Three-story and basement frame (3) flats.
Owner.....Burt T. Owsley, 311 Sharon Bldg., San Francisco.
Architect...None.
Day's work. COST, \$6000

(3751) NO. 15 L'ATTEN. Alter and add to one-story frame building.
Owner.....Chas. E. Hill, Premises.
Architect...None.
Contractor...J. Witzelburger, 126 Rosseau, San Francisco.
COST, \$1000

(3752) S FILBERT 137 W Jones. Two-story and basement frame (4) flats.
Owner.....A. and R. Brisa, 525 Vallejo San Francisco.
Architect...None.
Contractor...A. Brisa, 525 Vallejo, S. F.
COST, \$4400

(3753) W NINTH AVE 175 N Clement. Two-story and basement frame residence.
Owner.....E. Ginley, 131 5th Ave., San Francisco.
Architect...None.
Day's work. COST, \$3000

(3754) W DIAMOND 150 S 21st. Two-story and basement frame residence.
Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work. COST, \$2000

(3755) S GEARY 70 E 26th Ave (rear). One-story and basement frame dwlg.
Owner.....Gilbert Del Fredice, 227 Parnassus Ave., S. F.
Architect...None.
Day's work. COST, \$1000

(3756) E RAMONA 115 S 14th. Two-story and basement frame (8) apartments.
Owner.....Ruegg Bros., 719 Pacific Bldg., San Francisco.
Architect...None.
Day's work. COST, \$10,000

(3757) E TWENTY-THIRD AVE 150 N Irving. Two-story and basement frame residence.
Owner.....Johnson & Johnson, 55-A Devisadero, San Francisco.
Architect...None.
Day's work. COST, \$2500

(3758) S BUSH 137-6 E Grant Ave S 60 W 22-6 S 60 E 42-6 N 120 W 20. All work for five-story and basement reinforced concrete store and rooms.
Owner.....N. Ahrens, 10 Market, S. F.
Architect...J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor...J. B. Rette and B. R. Halling, 110 Jessie, S. F.

Filed Oct. 14, '13. Dated Oct. 8, '13.
Excavation and foundation finished and 1st floor slab poured.....\$4296
3rd floor joists laid..... 4296
Roof rafters laid..... 4296
Brown coated..... 4296
Standing finish on..... 4296
Finished and accepted..... 5001
Usual 35 days..... 8827
TOTAL COST, \$35,308
Bond, \$17,654. Surety, National Surety Co. Limit, 150 days. Forfeit, \$20. Plans and specifications filed.

(3759) E FIFTH AVE 250 N "A." All work for alterations and additions to two-story and basement brick and concrete telephone exchange.
Owner.....The Pacific Telephone & Telegraph Co., 333 Grant Ave., San Francisco.
Architect...None.
Contractor...Mathies & Griffith, 180 Jessie, San Francisco.

Filed Oct. 14, '13. Dated Oct. 4, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$27,350
Bond, \$14,000. Sureties, D. O. Druffel and D. J. Sullivan. Limit, 100 days after Oct. 6. Forfeit, \$10. Plans and specifications filed.

(3760) SE VAN NESS AVE & BUSH S 31x E 59 WA 57. Excavation, masonry carpenter, mill, sheet metal, plaster, roofing, wiring, glazing, marble, and painting for five-story and basement Class "C" lodgings.
Owner.....Minnie P. Shotwell.
Architect...Nathaniel Blaisdell, 255 California, San Francisco.
Contractor...C. P. Moore Bldg. Co., Sharon Bldg., San Francisco.

Filed Oct. 14, '13 Dated Oct. 14, '13.
2nd tier joists in.....\$3727
4th tier joists in..... 3727
Roofed and brown coated..... 3728
Completed and accepted..... 3728
Usual 35 days..... 4971
TOTAL COST, \$19,881
Bond, \$9941. Sureties, G. H. Moore and H. C. Bennett. Limit, 100 days. Forfeit, \$20. Plans and specifications filed.

(3761) PLUMBING, SEWERING, FIXTURES, boiler and heater, etc., on above.
Contractor...Jas. H. Pinkerton, 2266 Fulton, San Francisco.

Filed Oct. 14, '13. Dated Oct. 14, '13.
All rough plumbing in.....\$1090
Completed and accepted..... 1091
Usual 35 days..... 727
TOTAL COST, \$2905
Bond, \$1454. Sureties, R. J. O'Brien and G. F. Bernard. Limit, 60 days. Forfeit, \$20. Plans and specifications filed.

(3762) E EIGHTH AVE 70 S California S 30x E 32-6. All work for two-story and basement frame flats.
Owner.....Bertha and Esther Salomon 453 California, S. F.
Architect...Bernard J. Joseph, 1st National Bank Bldg., S. F.
Contractor...O. E. Anderson, 2376 Fulton, San Francisco.

Filed Oct. 14, '13. Dated Oct. 8, '13.
Rough frame up, enclosed and roof sheathed and roof on....\$987.50
Rough plumbing and electric wiring done, inside plaster on and exterior brown coated.... 987.50
Completed and accepted..... 987.50
Usual 35 days..... 987.50
TOTAL COST, \$3950.00
Bond, \$1975. Surety, Maryland Casualty Co. Limit, 75 days. Forfeit, \$2. Plans and specifications filed.

(3763) E LAIDLEY 100 S Castro. One-story and basement frame dwelling.
Owner.....F. R. Webb, 2377 Mission, San Francisco.
Architect...None.
Contractor...F. R. Parry, 222 Raymond Ave., San Francisco.
COST, \$1500

(3764) W JULES 175 N Grafton. One-story and basement frame dwlg.
Owner.....The McCarthy Co., 316 Bush, San Francisco.
Architect...None.
Contractor...Ralph G. Baugh, 1412 McAllister, San Francisco.
COST, \$1000

(3765) NO. 993 FILBERT. Divide flats and add new bath room.
Owner.....S. J. Gato, Premises.
Architect...None.
Contractor...B. Pagano 48 Allen, S. F.
COST, \$600

(3766) NO. 18 SACRAMENTO. Electric sign.
Owner.....Haub Bros., Premises.
Architect...None.
Contractor...Bumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$400

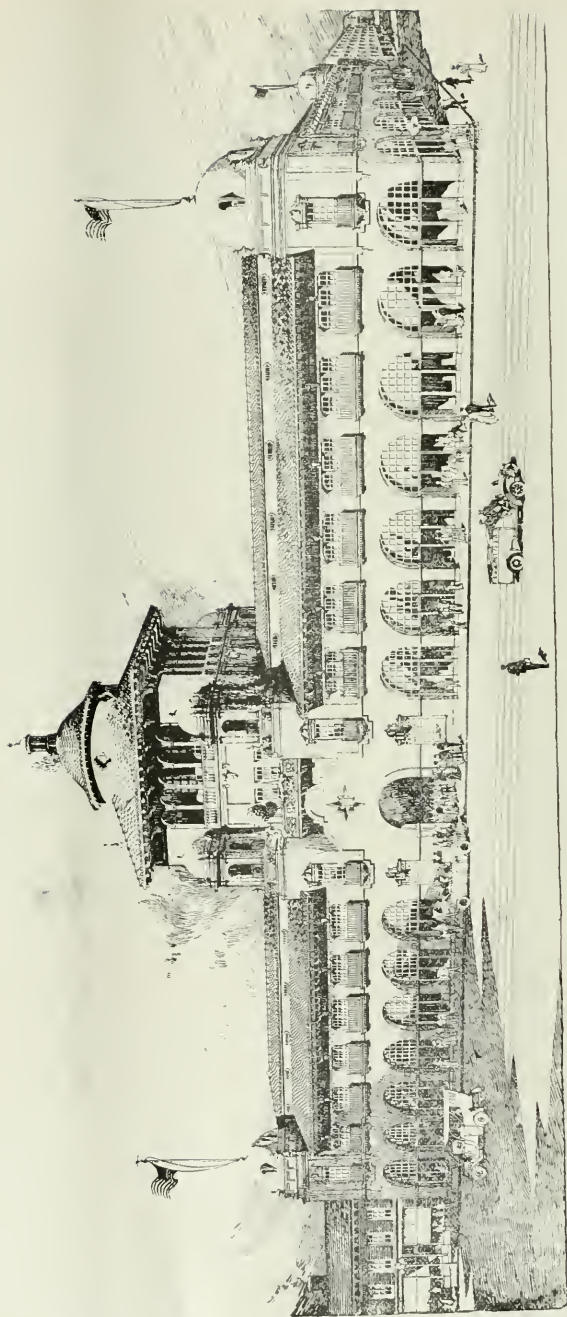
(3767) NO. 14 EDDY. Alter front and erect counter.
Owner.....G. P. Aghlandrites, Prem.
Architect...G. D. Danno.
Contractor...G. D. Danno, 1410 Stockton, San Francisco.
COST, \$500

(3768) NO. 41 COMMONWEALTH. Minor repairs to front.
Owner.....Frank Kinney, Premises.
Architect...None.
Contractor...F. F. Ralston, 132 Commonwealth Ave., S. F.
COST, \$475

(3769) NW GRAND VIEW 75 NE Lot 12 Blk 19, Market Street Homestead. One-story and basement frame dwlg.
Owner.....James T. Ralph, 4658 18th, San Francisco.
Architect...None.
Day's work. COST, \$700

(3770) NO. 3398 WASHINGTON. Add bath room.
Owner.....Charlotte J. Lavensaler, Premises.
Architect...None.
Contractor...Chas. Nilson, 413 Haight, San Francisco.
COST, \$400

(3771) NO. 1116 FULTON. New steps.
Owner...J. C. Nolan.
Architect...J. C. Carter, Balboa Bldg., San Francisco.
Contractor...Kronnick Bros., 1659 O'Farrell, San Francisco.
COST, \$400



NEW OFFICE STRUCTURE FOR THE LOS ANGELES EXAMINER.
Los Angeles, Cal.

J. Martyn Haenke & W. J. Dodd, Architects
Los Angeles



NEW MASONIC TEMPLE RECENTLY DEDICATED.
San Francisco

Bliss & Faville, Architects
San Francisco

(3772) E NINETEENTH AVE 150 N
Cabrillo. Two-story and basement
frame residence.

Owner.....W. Stiller, 4167 20th,
San Francisco.
Architect...Robert Sammon, 512 Cole,
San Francisco.

Day's work. COST, \$2000

(3773) NO. 2763 GEARY. Alter front
and repair porch.

Owner.....G. B. Dematel, Premises.
Architect...None.
Contractor..P. Demartini, 2869 Octavia
San Francisco

COST, \$650

(3774) NO. 313 EUREKA. Add two
rooms.

Owner.....Mr. Murphy, Premises.
Architect...None.
Contractor..E. Carson, 4323 19th, S. F.
COST, \$150

(3775) NO. 327 MONTGOMERY. New
front, re-arrange stairs.

Owner.....Levin & Gorden, Premises.
Architect...Jas. Cahen, 45 Kearny,
San Francisco.

Day's work. COST, \$500

(3776) SE HOLLOWAY AND LEE.
Alterations.

Owner.....L. E. Sponogle, 1115 Green-
wich, San Francisco.
Architect...None.
Contractor..J. H. Truitt, 174 Brighton,
San Francisco

COST, \$400

(3777) NO. 401 ELLIS. Alter front.

Owner.....John Oleson, Premises.
Architect...None.
Contractor..T. H. Meek Co., 1157 Mis-
sion, San Francisco.

COST, \$450

(3778) NO. 2055 MISSION. Alter front
and ratproof.

Owner.....Chas. Brock, 5 Montgom-
ery, San Francisco.
Architect...None.
Contractor..Ward & Goodwin, 110
Jessie, San Francisco.

COST, \$400

(3779) LOCATION NOT GIVEN. Plant-
ing flowers, bushes, lawn, gravel
paths, moving palms and furnishing
50 loads manure.

Owner.....St. Luke's Hospital.
Architect...None.
Contractor..MacRorie-McLaren Co.
Filed Oct. 14, '13. Dated Oct. 6, '13.
On completion 75%
Usual 35 days. 25%
TOTAL COST, \$1360.60

Bond, \$680. Surety, Massachusetts
Bonding & Insurance Co. Limit, for-
feit, none. Plans and specifications
filed.

(3780) W NOE 76-6 S Alvarado W 82-6
xS 25. All work except shades, gas
and electric fixtures, finish hardware,
and mantels for one and one-half-
story and basement residence.

Owner.....Mrs. M. I. Asmussen, 321
Moultrie, San Francisco.
Architect...B. R. Christensen, Grant
Bldg., San Francisco.
Contractor..E. Johnson, 326 Anderson,
San Francisco.

Filed Oct. 14, '13. Dated Oct. 11, '13.
2nd floor joists on.....\$550
Enclosed 550
Completed and accepted..... 550

Usual 35 days..... 550

TOTAL COST, \$2200

Bond, \$1100. Surety, Massachusetts
Bonding & Insurance Co. Limit, 45
days. Forfeit, none. Plans and spec-
ifications filed.

(3781) NW HURON AND SICKLES be-
ing Lot 36 Bk 8, Oscar Heyman and
Brothers Sub Part Bk 8 and all Bk
21 West End Map No. 2. All work
for two-story frame stores and flats.

Owner.....John Gazzano and Andrea
Nan, 3505 20th, S. F.
Architect...None.

Contractor..A. Cuneo, 3505 20th, S. F.
Filed Oct. 15, '13. Dated Oct. 14, '13
Rough frame up.....\$1475
Brown coated 1475
Completed 1475
Usual 35 days..... 1475

TOTAL COST, \$5900

Bond, none Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(3782) W FOURTH AND JESSIE NW
75xSW 75. Metal lathing, metal fur-
ring, plaster work, cornice, moulds
and ornamental work of hotel lobby
and stores, double form of fire proof-
ing, metal furring, metal lathing and
plaster work for an eight-story and
basement steel frame Class "C" bldg.

Owner.....Mary L. Phelan.
Architect...William Curlett & Son,
Phelan Bldg., S. F.
Contractor..Floodberg & McCaffery,
Monadnock Bldg., S. F.

Filed Oct. 15, '13. Dated Oct. 8, '13
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$12,000

Bond, \$6000 Surety, United States Fi-
delity & Guaranty Co. Limit, 40 days
after ready for lathing. Forfeit, none.
Plans and specifications filed.

(3783) NO. 1343 STOCKTON. Install
brick bake oven.

Owner.....O. Barbero, 919 Vallejo,
San Francisco.
Architect...None.
Contractor..J. P. Glaser & Co., 2070
Union, San Francisco.

COST, \$650

(3784) NO. 1212 MARKET. Erect 5
wooden signs.

Owner.....Moise-Klinkner Co., Prem.
Architect...None.
Day's work. COST, \$400

(3785) NO. 240 POST. Remodel win-
dow.

Owner.....Rabjohn & Morcom, 240
Post, San Francisco.
Architect...B. J. Joseph.
Contractor..Fink, Schindler Co., 226
13th, San Francisco.

COST, \$500

(3786) E GREAT HIGHWAY 87 S
Cabrillo. Construction of frame
carroussel.

Owner.....Wm. Looff, Great High-
way and Cabrillo, S. F.
Architect...None.
Day's work. COST, \$3500

(3787) NO. 1014 FULLMORE. Install
bake oven.

Owner.....M. Shubert, 221 Noe, S. F.
Architect...None.
Contractor..J. P. Glaser & Co., 2070
Union, San Francisco.

(3788) N SUTTER 60 W Trinity. Un-
derpin wall.

Owner.....G. L. Bishop, 1551 Harri-
son, San Francisco.

Architect...None.
Contractor..O. E. Brady & Son, 180
Jessie, San Francisco.

COST, \$400

(3789) NO. 5844 Mission. Add one-
room.

Owner.....H. Barner, Premises.
Architect...None.
Contractor..W. Park, 217 Hoffman
Ave., San Francisco.

COST, \$400

(3790) NO. 510 HILL. Minor repairs
to dwelling.

Owner.....T. M. Mark, 569-A Dolores
San Francisco.
Architect...None.
Contractor..E. Peterson, 3530 23rd,
San Francisco.

COST, \$450

(3791) NO. 2522 GREEN (rear). One-
story and basement frame dwelling.

Owner.....W. J. Breeze, Premises.
Architect...None.
Contractor..J. Harold Johnson, 732 9th
Ave., San Francisco.

COST, \$900

(3792) W ROSSEAU 125 S Springdale.
One-story and basement frame dwlg.

Owner.....Mary M. McGowan, 3782
Mission, San Francisco.
Architect...John McCarthy, 3782 Mis-
sion, San Francisco.
Contractor..John T. McGowan, 3782
Mission, San Francisco.

COST, \$600

(3793) E FIFTEENTH AVE 256 S
Geary. Alter basement for garage
and concrete floor.

Owner.....M. W. Lam, 440 15th Ave.,
San Francisco.
Architect...None.
Contractor..Anderson & Bloom, 1207
Scott, San Francisco.

COST, \$900

(3794) NE MISSION AND SIXTH
Erect retaining wall.

Owner.....Miss Mary Rowland, 634
Haight, San Francisco.
Architect...None.
Contractor..Val Franz, 180 Jessie, San
Francisco.

COST, \$450

(3795) NO. 308 DIAMOND. Move
dwelling and underpin and add to
front.

Owner.....John Ruetten, Premises.
Architect...None.
Day's work. COST, \$500

(3796) NO. 1212 MARKET. Electric
sign.

Owner.....Moise-Klinkner Co., Prem.
Architect...None.
Day's work. COST, \$400

(3797) NO. 2682 BUSH. General re-
pairs to flats.

Owner.....Sadie and Geo. W. Jack-
son, Premises.
Architect...None.
Day's work. COST, \$500

(3798) E TWENTY-SECOND AVE 200
S Geary. Two-story and basement
frame residence.

Owner.....J. Anderson, 423 16th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$2000

(3799) NE RIVOLI AND COLE. Two-story and basement frame residence. Owner.....Eva and Chas. E. Reinhardt, 17th and Kansas, San Francisco.
Architect...None.
Day's work.....COST, \$3800

(3800) SE GREENWICH & POWELL. 30 on Greenwich and 65 on Powell. All work for three-story and basement frame store and apartments. Owner.....A. Cravittio, 895 McAllister, San Francisco.
Architect...None.

Contractor...G. Polati, 2327 Greenwich, San Francisco.

Filed Oct. 15, '13. Dated Sept. 30, '13.
Frame up.....\$3100
Rough plaster on.....2300
Completed and accepted.....2300
Usual 35 days.....2300

TOTAL COST, \$10,000
Bond, \$5000. Surety, G. Chiappelloni. Limit, none. Forfeit, none. Plans and specifications filed.

(3801) NE GEORGIA AND 23RD E 200 N 433 m or 1 W 200 S 433 m or 1 PN 464. Installation of exhaust pipes in station "A".
Owner.....Pacific Gas & Elec. Co., 422 Sutter, San Francisco.
Architect...None.

Contractor...Robt. Henry and Robt. A. Henry as Pacific Coast Boiler Works, 235 Mission, San Francisco.

Filed Oct. 15, '13. Dated Oct. 3, '13.
On completion.....75%
Usual 35 days.....25%

TOTAL COST, \$1415
Bond, \$707.50. Surety, National Surety Co. Limit, 26 days. Forfeit, none. Plans and specifications filed.

(3802) NO. 3865 CLAY. Carpenter, plumbing, plaster, electric work, mill, hardware, glass, etc., for alterations to building.

Owner.....Pearl C. Cooke.
Architect...Philip Overman, Shreve Bldg., San Francisco.

Contractor...J. W. Carr, 180 Jessie, San Francisco.

Filed Oct. 16, '13. Dated Oct. 14, '13.
Upon issuance of the architect's certificate of 75% of work done..

TOTAL COST, \$1695
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(3803) N FAIRMOUNT 165-3 W Chenery W 25XN 125 being pta Lot 13 Blk 19, Fairmount. All work except excavation for two-story frame residence.

Owner.....Isabelle M. Sneider.
Architect...None.

Contractor...Thos. Hamill, 268 25th Ave., San Francisco.

Filed Oct. 16, '13. Dated Oct. 15, '13.
Frame up and roof on.....\$625
Brown coated.....625
Completed and accepted.....625
Usual 35 days.....625

TOTAL COST, \$2560
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(3804) SW FOURTH 55 NW Folsom NW 25XSW 80 100 V 143. Concrete work, cribbing and grading, etc., for four-story and basement concrete building.

Owner.....Isidor Rudee, 512 Devisadero, San Francisco.

Architect...Joseph Cahen, 45 Kearny, San Francisco.
Contractor...John Spargo, 926 Presidio Ave., San Francisco.

Filed Oct. 16, '13. Dated Oct. 8, '13.
Concrete poured to 3rd floor....\$ 600
Concrete poured to fire wall.... 600
Completed and accepted..... 700
Usual 35 days.....1100

TOTAL COST, \$3000
Bond, \$1500. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.

(3805) EXPOSITION SITE. Unloading, storing and erecting of structural steel and cast iron as per Proposition C for Horticultural Bldg
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...Bakewell & Brown, 251 Kearny, San Francisco.

Contractor...Dyer Bros. Golden West Iron Works, 17th and Kansas, San Francisco.

Filed Oct. 16, '13. Dated ———
As work progresses.....75%
Usual 35 days.....25%

TOTAL COST, \$11,115
Bond, \$7000. Surety, Pacific Coast Casualty Co. Limit, 160 days. Forfeit, \$25. Plans and specifications filed.

(3806) N BUSH 236-11 W Mason. Painting, tinting, papering, varnishing, etc., for six-story reinforced concrete apartment building.

Owner.....Julia Cronan by Burch Hoffman Co., 480 Ellis, San Francisco.

Architect...Rhodes & Marisch.

Contractor...P. F. Hendricks, 451 10th Ave., San Francisco.

Filed Oct. 16, '13. Dated Jan. 18, '13.
Priming coat on.....\$300
When finishing coat varnishing and papering done.....500
Accepted.....400
Usual 35 days.....400

TOTAL COST, \$1600
Bond, limit, forfeit, none. Plans and specifications, none.

(3807) SW GEARY AND MASON Electric sign.

Owner.....Fred Solari, Premises.
Architect...None.

Contractor...Novelty Elec. Sign Co., 265 Eddy, San Francisco.

COST, \$500

(3808) W MASON 80 S Geary. Electric sign.

Owner.....Fred Solari, Premises.
Architect...None.

Contractor...Novelty Elec. Sign Co., 265 Eddy, San Francisco.

COST, \$400

(3809) W SAN BRUNO 25 S Bacon. One-story and basement frame dwlg.

Owner.....Samuel Gordon, 24 Fulton, San Francisco.

Architect...None.

Contractor...Israel Blum, 214 Silliman, San Francisco.

COST, \$600

(3810) NO. 43 GEARY. Alter front and cut stairs.

Owner.....Tom Dillon, Premises.
Architect...None.

Day's work.....COST, \$600

(3811) NO. 2012 GOLDEN GATE AVE (rear). One-story frame dwelling.

Owner.....Jas. Clyde, Premises.
Architect...None.
Contractor...Jas. Geary, 2374 Sutter, San Francisco.

COST, \$400

(3812) NO. 15 NEY. Raise dwelling, add basement and repair rooms.

Owner.....Catherine Flatley, Prem.
Architect...None.

Day's work.....COST, \$1000

(3813) S LIBERTY 242-6 E Dolores. Two-story and basement frame residence.

Owner.....Maggie L. Allred, 120 Onondago Ave., S. F.

Architect...None.

Contractor...C. S. Allred, 120 Onondago Ave., San Francisco.

COST, \$2500

(3814) NO. 951 RHODE ISLAND. Add two rooms.

Owner.....Mike Zadorkin, Premises.
Architect...None.

Day's work.....COST, \$100

(3815) 1356 GREENWICH. Add porch and concrete foundation.

Owner.....Harris Connick, Premises.
Architect...None.

Contractor...H. L. Maddox, 71 Waller, San Francisco.

COST, \$650

(3816) NO. 1043 JAMESTOWN AVE. New roof and cornice.

Owner.....Shaughnessy Bros., Prem.
Architect...None.

Day's work.....COST, \$500

(3817) NW NINTH AVE AND IRVING. New front.

Owner.....John Meudierks.
Architect...L. M. Weismann & Son, 852 Pacific Bldg., S. F.

Contractor...Lamser & Piske.

COST, \$1000

(3818) NO. 160 FIFTH AVE. Patent chimney, fire place and mantel and garage in basement.

Owner.....Dudley Tyler, Premises.
Architect...None.

Contractor...McKenzie & Pinkerton, 2783 McAllister, S. F.

COST, \$400

(3819) NO. 2300 SAN BRUNO. Raise store and ratproof.

Owner.....S. Cohen, Premises.
Architect...None.

Contractor...H. Abrahams, 134 Hale, San Francisco.

COST, \$400

(3820) S BROADWAY 137 W Grant Ave. Underpin wall.

Owner.....Wm. Rafterto, Oakland.
Architect...None.

Contractor...Mulcahy Bros., 180 Jessie, San Francisco.

COST, \$700

(3821) W NINETEENTH AVE 25 S California. One and one-half-story and basement frame dwelling.

Owner.....Western Union Home Bldgs., Inc., 1617 Telegraph Ave., Oakland.

Architect...None.

Day's work.....COST, \$2300

(3822) W NINETEENTH AVE 50 S California. One and one-half-story frame dwelling.

Owner.....Western Union Home Bldgs., Inc., 1617 Telegraph Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2300

(3823) NW ELLIS AND MASON N 60 xW 97-6. Lathing and plaster and cementing for addition to four-story and basement building (increased to a 7-story building).
 Owner.....Jennie M. Blair.
 Architect...Wm. Mooser, Nevada Bank Bldg., San Francisco.
 Contractor..Petterson & Persson, 62 Post, San Francisco.
 Sub-Contractor..Paul I. Karib.
 Filed Oct. 17, '13. Dated Oct. 10, '13.
 1st coat plaster on.....\$1500
 2nd coat completed..... 714
 Completed and accepted..... 1107
 Usual 35 days..... 1107
 TOTAL COST, \$1428
 Bond, none. Limit, as required. Forfeit, none. Specifications only filed

(3824) NE LEAVENWORTH & POST 62-6 on Post x87-6. All work except structural steel, wall beds, finish hardware, shades, stoves, ice boxes, electric lighting fixtures, passenger elevator and dumb waiters for six-story and basement Class "C" steel frame apartments.
 Owner.....Geo. M. Caesar, 1299 California, San Francisco.
 Architect...Dunn & Kearns, Monadnock Bldg., San Francisco.
 Contractor..F. L. Hansen, Monadnock Bldg., San Francisco.
 Filed Oct. 17, '13. Dated Oct. 16, '13.
 Foundations ready for steel...\$ 4000
 3rd story joists set..... 6700
 Plumbing and electrical work roughed in..... 10,700
 Roof on and brown coated.... 10,700
 Standing finish on..... 10,700
 Finished and accepted..... 10,700
 Usual 35 days..... 17,500
 TOTAL COST, \$71,000
 Bond, \$35,500. Surety, Fidelity & Deposit Co. of Maryland. Limit, 150 days. Forfeit, none. Plans and specifications filed.

(3825) STRUCTURAL STEEL WORK on above.
 Contractor..Ralston Iron Works, 20th and Indiana, San Francisco
 Filed Oct. 17, '13. Dated Oct. 2, '13.
 1st tier of columns and beams set.....\$3150
 3rd tier of columns and beams set..... 3150
 Completed and accepted..... 3150
 Usual 35 days..... 3150
 TOTAL COST, \$12,600
 Bond, none. Limit, 60 days from filing. Forfeit, \$10. Plans and specifications filed.

(3826) SE THIRTEENTH AVE AND Lake S 100XE 32-6. All work except shades and light fixtures for two-story and basement frame residence.
 Owner.....C. B. Harrison, Merchants' Exchange Bldg., S. F.
 Architect...E. A. Neumarkel, 948 Market, San Francisco.
 Contractor..Ira W. Coburn Inc., Hearst Bldg., San Francisco.
 Filed Oct. 17, '13. Dated Oct. 17, '13.
 Frame up.....\$1611
 White coated and sewer connections in..... 1620
 Completed and accepted..... 1620
 Usual 35 days..... 1620
 TOTAL COST, \$6471

Bond, \$2350. Sureties, R. J. O'Brien and T. P. S. Brown. Limit, 30 days. Forfeit, \$7.50. Plans and specifications filed

(3827) N UNION 50 W Montgomery 22-6x88-9. All work except shades for three-story frame apartment house (rear house not included in this contract).
 Owner.....M. Bagliani, 1500 Grant Ave. San Francisco.
 Architect...Louis Mastropasqua, 580 Washington, S. F.
 Contractor..G. Ferroni & Son, 3045 Octavia, San Francisco.
 Filed Oct. 17, '13. Dated July 23, '13.
 Frame up and roof on.....\$875
 Brown coated..... 875
 Completed and accepted..... 875
 Usual 35 days..... 875
 TOTAL COST, \$3500
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3828) SW MARKET AND STUART W 45-10xS 67-4. Excavating, concrete, iron, brick, carpenter, mill, plastering, plumbing, glazing, painting and other work for one-story Class "C" store building.
 Owner.....J. C. Meyer and W. H. Rehmsedt, 665 Ashbury, San Francisco.
 Architect...Frederick D. Boese, 45 Kearny, San Francisco.
 Contractor..J. Wendering, 110 Jessie, San Francisco.
 Filed Oct. 18, '13. Dated Oct. 17, '13.
 1st floor joists on and steel work erected.....\$1608.75
 Roof rafters on and brick work completed..... 1608.75
 Completed and accepted..... 1608.75
 Usual 35 days..... 1608.75
 TOTAL COST, \$6435.00
 Bnd, \$3218. Surety, National Surety Co. Limit, 40 days after premises are turned over to contractor. Forfeit, \$10 Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Oct. 17, 1913—S ELLIS 34-4½ E Gough E 30-1½xS 120. Margaret E Foley as to improvements on leased property

NOTICE OF NON-RESPONSIBILITY.

Oct. 18, 1913—N ANZA 55 W 27th Ave W 25xN 95. Jacob Weissbach as to improvements on leased property

ASSIGNMENT OF AGREEMENT.

Between M. O. Goodner and Charles Oberfeld, M. O. Goodner agrees to furnish all second hand brick and fire escapes for building erected for H. Euler on W Stone 117 N Washington for \$1300; \$100 to be paid in 4 equal payments as stipulated in original contract and balance of \$1200 to be paid by note and second mortgage as described in original contract. Original contract being \$4200. M. O. Goodner has assigned his interest in the above contract to Henry S. Bridge.

NOTICE OF NON-RESPONSIBILITY.

Oct. 11, 1913—SW FILLMORE AND Greenwich S 24xW 100. Henry Schuck as to improvements on leased property

COMPLETION NOTICES.

San Francisco.

Oct. 10, 1913—N TWENTY-NINTH 105 W Castro W 25xN 114. Arthur T Jansson to whom it may concernOct. 10, 1913
 Oct. 10, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley and H P Stollenberg to Bishop & DuarteOct. 9, 1913
 Oct. 10, 1913—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to The McGilvray Stone Co. Oct 9, '13; Campbell Bros. Oct 3, 1913
 Oct. 10, 1913—LOT 9 BLK "B" Mission Street Land Co. Homestead Land Co to William H Grahm.....Oct. 8, 1913
 Oct. 10, 1913—E STOCKTON 50 S Sutter E 50xS 40-8½. Sierra Inv Co to P J Lynch.....Oct. 10, 1913
 Oct. 10, 1913—NW THIRD AND Townsend N 33xW 57-6. John A and D Williamson to Ira W CoburnOct. 8, 1913
 Oct. 10, 1913—N FULTON 137-6 E Gough E 98-9xN 120. Augusta E Bergson to Stockholm & Alyn.....Oct. 9, 1913
 Oct. 11, 1913—LOT 586 Gift Map No. 1 W G McDiarmid to whom it may concernOct. 8, 1913
 Oct. 11, 1913—S VANDEWATER 91-3 E Mason 22x60. Luigi Merlo to B Pagano.....Oct. 11, 1913
 Oct. 11, 1913—NW MCKINNON AVE and Newhall N 100xW 50. J M Cervieres to J M Burns.....Oct. 2, 1913
 Oct. 11, 1913—N PFEIFFER 67-6 W Grant Ave W 27-6 N 52-6 E 5 N 2-6 E 22-6 S 55. G Cosca to Evencenzi Bros & Co.....Oct. 10, 1913
 Oct. 11, 1913—E FIFTH 221-7 N Parnassus Ave. C A Hall to whom it may concernOct. 11, 1913
 Oct. 11, 1913—S VALLEY 205 E Castro E 25xS 114. Charles and Sadie McArthur to whom it may concern.....Oct. 4, 1913
 Oct. 11, 1913—EDDY NOS. 40 AND 42. M Lager to Wm C Lynch.....Oct. 11, 1913
 Oct. 14, 1913—SE SANCHEZ AND 24th S 90 E 25 N 90 — 25. Peter Gumma to A E Olson.....Oct. 14, 1913
 Oct. 14, 1913—N SEVENTEENTH 100 W Howard W 25x100. John and Daniel Lagan to W M Foley.....Oct. 14, 1913
 Oct. 14, 1913—E MISSISSIPPI 50 S 18th S 25x E 100. Otto and Ella R Schartz to E A Janssen.....Oct. 11, 1913
 Oct. 14, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to W P Fuller & Co. Oct. 11; Thos Day Co.....Oct. 11, '13
 Oct. 14, 1913—E TWELFTH AVE 75 S Anza S 25x E 100. Alfred T Morris to whom it may concern.....Oct. 10, 1913
 Oct. 14, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Co by Clinton Fireproofing Co of California to North Star Iron Works.....Oct. 10, 1913
 Oct. 14, 1913—E TAYLOR 91-3 N Sutter 22-11x87-6. Herman D or H D Hogrefe to whom it may concernOct. 10, 1913
 Oct. 14, 1913—N BUSH 137-6 E Dupont N 115 W 27-6 N 22-6 E 27-6 N 70 E 58-9 S 70 E 20 S 137-6 W 78-9. Macdonough Estate Co to Mealey & Collins.....Oct. 10, 1913

Oct. 14, 1913—S GREENWICH 100 E Hyde S 68-94E 37-6. Laura B Powers to Holm & Son....Oct. 9, 1913
Oct. 14 1913—N TWENTIETH, bet Connecticut and Missouri 25 W Missouri frontage of lot. Amanda E Thurt to J S Malloch....Oct. 10, 1913
Oct. 14, 1913—S BUSH 105 W Polk W 27-68S 120. F W Noltmeier to William Martin....Oct. 17, 1913
Oct. 15, 1913—E CURTISS Lot 40 Blk 5, Crocker Amazon Trct. Veronica M Brown and Meta Mahan to Oliver Evans....Sept. 25, 1913
Oct. 15, 1913—E TWENTY-THIRD Ave 200 S Clement S 25xE 120. T Anderson to whom it may concern....Oct. 15, 1913
Oct. 15, 1913—E FORTY-FIRST AVE 148-S N Balboa N 25xE 120. Frank E Winters to Geo F Cleese....Oct. 9, '13
Oct. 15, 1913—S GENEVA AVE 50.77 E Madrid E 25XS 100. Wallace J Peebles to Gus Anderson....Oct. 7, 1913
Oct. 15, 1913—NW BALBOA AND 43rd Ave N 100XW 60. Oscar Heyman & Bro to W H Upham....Oct. 9, '13
Oct. 15, 1913—LOT 28 BLK 4 Crocker Amazon Tract. Arthur G Duncan to L L Allen....Oct. 15, 1913
Oct. 16, 1913—SE CALIFORNIA & Leidesdorff fronting N on California and at rear 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to W D Henderson....Oct. 15, 1913
Oct. 16, 1913—N PINE 37-S W Stockton W 20 N 59-6 E 17-6 S 19-6 E 2-6 S 40. John and Sara Rice Birmingham to Arthur D Collman....Oct. 16, 1913
Oct. 16, 1913—N TWENTY-THIRD 26-9 W Diamond 23x55. Margaret B and Paul Semmig to Charles F Weldon....Oct. 15, 1913
Oct. 15, 1913—CARL NO. 172 on N line bet Cole and Stanyan. William Sargent to J J Murray....Oct. 14, 1913
Oct. 16, 1913—W Willard 75 S Turk S 25XW 36-5. Mr and Mrs S or Carrie Goldsmith to W F Dufer....Oct. 7, 1913
Oct. 17, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 51-4X W 60 th 18-10 1/4. W F Wilson Est Co to Fibrestone & Roofing Co....Oct. 16, 1913
Oct. 17, 1913—N GEARY 90 W Jordan Ave N 100XW 30. Frank Pegel to whom it may concern....Oct. 2, 1913
Oct. 17, 1913—SE EDDY & FILLMORE S 275XE 130. Realty & Rebuilding Co to MacDonald & Kahn....Oct. 17, '13

LIENS FILED

SAN FRANCISCO COUNTY.

Oct. 10, 1913—SW THIRD & BRYANT SW 115XNW 88 Lot 9 City Blk 2552. James Robert Anderson vs Wm Henderickson and John Doe Mathley\$33.50
Oct. 14, 1913—N SAN JOSE AVE AND Goethe NE 25 NW 100 SW 25 SE to beg Lot 20 Blk "H" Mission Land Co Henry Ernst & Sons vs E Restani\$200
Oct. 14, 1913—S ELIZABETH 72-9 W Sanchez W 39xS25. George W Peck vs Martha Anderson and A W Burnett & Co.....\$382.95
Oct. 15, '13—SW GUERREIRO AND 28th W 70xS 26. George V McCausland vs George A Mostahlnich and Edith K Mostahlnich.....\$75
Oct. 15, 1913—E NINTH AVE 50 N Ortega; No. 1884 9th Ave. Call-

fornia Cement Tray Co vs A H Johnson and Wm G Zupar....\$84.50
Oct. 16, 1913—NW PORTER AND Benton Ave N 75xW 70; Lots 46, 48 and 50 Halliday Tract Map A. H S Thomson vs George Lanot and H S Townsend.....\$49.79
Oct. 16, 1913—S WASHINGTON 23-6 E Reed E 56-11X S 57-6 E 22-0X S 20 W 79 N 77-6. J H Kruse vs Clyde S Payne.....\$332.44

OAKLAND AND ALAMEDA

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Coxhead and Knowels, Central Bank Bldg., Oakland. Owner, Mrs. Clara Kummer. The dwelling will be erected on Monte Vista avenue near Moraga and will contain eight rooms, several baths and sleeping porch. Interior finish will be of pine, hardwoods and white enamel. Plans provide for furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the principal rooms. Boilers of 32 gallons capacity will be installed. Composition floors and tile wainscot will be used in the bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame. \$4,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, John G. Woit. The dwelling will be erected in Claremont and has been designed to contain eight rooms, baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. There will be a vacuum cleaning system and an automatic water heater. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner's name withheld. The dwelling will be erected in Northbrae and has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW — 1 story and base, frame. \$3,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, Hugo Koch. This house, designed for a six room dwelling with bath and sleeping porch, will be erected in Northbrae. Interior finish will be of pine with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An

automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. The architect is now completing working drawings for the building. Bids will be called for shortly.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Maury I. Diggs, Berkeley. Owners, Marshall & Diggs. The dwelling will be erected on Ashby avenue near where the same owners have been operating for some time. The house has been designed to contain seven rooms and bath. Interior will be finished in pine with some elm panels and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owners and work will be carried on by Day Labor. All materials are being purchased.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Ocheltree. The dwelling will be erected on Bonita avenue and has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood floors and hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame. \$6,000. Alameda, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner W. P. Edwards. The dwelling will be erected on Waterside Terrace and has been designed for an eight room house with two baths and a sleeping porch. Interior finish will be of pine, white enamel and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for a hot water system of heating and open fire places. Mantels will be of brick and tile. Automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE — 3 story and base, frame. \$50,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Sommarstrom Bros., 35 Rose avenue, Oakland. This building will be erected on Alice street and will cover a considerable ground area. Interior has been arranged for a large number of two, three and four room suites. All apartments will have wall beds, private entrances and connecting bath rooms. Pine, redwood and elm will be used for interior finish. Some hardwood floors will be used in the halls and living rooms. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in tile and marble. Plans provide for steam heat and a hot water supply. Ex-

terior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

JAIL EQUIPMENT—Cost not stated. Oakland, Cal. Architects, Palmer and Hornbostel, New York, associated with Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans are complete and bids are being called for all the materials and equipment in connection with the completion of the new City Jail in the City Hall Building. Bids will be opened on November 6th. Plans can be secured from Architect J. J. Donovan, Security Bank Bldg., Oakland. An official proposal appears in another column of this issue.

MUNICIPAL AUDITORIUM—2 story and base, Class A construction, \$500,000. Oakland, Cal. Architects, Palmer & Hornbostel, New York, associated with Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. A motion introduced by Harry S. Anderson, Public Works Commissioner of the City of Oakland, providing for the revision of the plans and specifications on the Municipal Auditorium was carried. City Architect J. J. Donovan of Oakland will revise the plans and now bids will be called for at once. The lowest bid received for the general construction was \$78,000 in excess of the amount available.

GARAGE—2 story and base, frame. Cost not stated. Piedmont, Alameda Co., Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. Ellen Frances Cushing. The building has been designed for a private garage and will be erected in the rear of the owner's residence. Upper floor will be arranged for living rooms. First floor will have cement floor and will contain storage space for four machines. Special storage tanks for gasoline will be installed. Roof will be of Mission tile. Interior finish will be of pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—1 story and base, reinforced concrete, \$75,000. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened at the last meeting of the Oakland Board of Education for the construction of the Lockwood School show all bids to be in excess of the amount available. It is probable, however, that the contract will be awarded to the lowest bidder. Bids were received on a number of alternate propositions. A complete list of these figures will be found under the heading of Oakland and Alameda in this issue.

Lockwood School Bids Are Opened.

Oakland Board of Education Receive Ten Sets of Figures For Concrete School Building.

Ten sets of figures were opened by the Oakland Board of Education at the Tuesday night session for the construction of the Lockwood School, a building estimated to cost \$75,000. Plans were prepared by the City Architect,

John J. Donovan. All bids were referred to the City Attorney. Following is a complete list of figures. Bids were submitted with the following seven alternates: (1) substituting wood for concrete roof; (2) extending both class room wings so as to provide an additional class room in each; (3) as in 2 providing for two additional class rooms in each wing; (4) extending auditorium at stage and providing for boiler room in basement; (5) substituting wood for concrete roof in alternate No. 2; (6) substituting wood for concrete roof in alternate No. 3, and (7) substituting wood for concrete roof as in alternate No. 4.

Lockwood School.

Neswom, Wold & Kahn, \$53,152; (1) \$5,238; (2) \$1,566; (3) \$8,291; (4) \$768; (5) \$—; (6) \$—; (7) \$100.

F. J. Amweg, \$73,150; (1) \$3,690; (2) \$6,554; (3) \$13,108; (4) \$2,235; (5) \$436; (6) \$872; (7) \$150.

H. B. Brigham, \$106,912; (1) \$7,000; (2) \$9,790; (3) \$1,930; (4) \$3,000; (5) \$650; (6) \$1,300; (7) \$150.

Foster-Vogt Co., \$89,837; (1) \$5,000; (2) \$5,800; (3) \$12,000; (4) \$1,400; (5) \$—; (6) \$—; (7) \$100.

Moore & Burlingame, \$89,981; (1) \$5,800; (2) \$8,300; (3) \$16,934; (4) \$2,075; (5) \$700; (6) \$1,400; (7) \$100.

Williams Bros. & Henderson, \$89,780; (1) \$1,000; (2) \$7,600; (3) \$16,000; (4) \$1,600; (5) \$550; (6) \$1,100; (7) \$100.

Nelson & Bauer, \$79,000; (1) \$4,856; (2) \$115; (3) \$6,024; (4) \$1,170; (5) \$115; (6) \$6,024; (7) \$6,252.

Pringle-Dunn & Co., \$96,092; (1) \$8,400; (2) \$7,300; (3) \$14,600; (4) \$2,500; (5) \$992; (6) \$1,984; (7) \$150.

Christensen Bros., \$84,290; (1) \$6,000; (2) \$6,188; (3) \$12,800; (4) \$—; (5) \$—; (6) \$—; (7) \$—.

Graham & Jensen, \$94,030; (1) \$1,200; (2) \$4,588; (3) \$9,176; (4) \$2,654; (5) \$90; (6) \$180; (7) \$180.

McLeran & Petersen, \$87,995; (1) \$4,000; (2) \$7,118; (3) \$16,000; (4) \$1,450; (5) \$315; (6) \$1,030; (7) \$75.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
2015	Porte	Sharder	525
2016	Mulley	Malley	2700
2017	Simpson	Nichols	2985
2018	Thompson	Thompson	600
2020	Johnson	Pederson	2060
2021	Hudson	Hudson	2069
2023	Greene	Tupper	5400
2024	Peterson	Humbilton	4000
2025	Thomson	Lyden	6208
2026	Same	Hendersoy	17032
2027	Same	Blair	2350
2028	Same	Snook	8731
2029	Same	Watts	2600
2030	Same	Cal Glass	3729
2031	Same	Newberry	2800
2032	Same	Natl Lathing	6250
2033	Lehnhardt	Duval	30000
2035	Martstelt	Griffin	3000
2036	Gavazza	Silva	1233
2038	Noble	Bullock	2000
2049	Bolts	Bolts	2000
2050	Crum	Crum	2750
2054	Kirkland	McWilliams	1100
2055	Embury	Western Union	3000
2062	Thompson	Reich	30000
2057	Friedman	Maestretti	2297
2058	Enos	Hicks	1600
2060	Donner	Lee	400
2061	Mitchell	Un Hn Bldgs	400
2062	Seaman	Seaman	400
2063	Renard	Renard	400
2064	Phillip	Flittner	1900
2065	Lockwood	Kopitz	2500
2067	Romine	Sims	1500
2068	Dierken	Dierken	1100
2072	Dinneren	Dinneren	400
2073	Cal Paint	Murdock	500
2074	Krone	Engler	700
2075	Fox	Courtwright	400
2076	Jooli	Cormack	1400

3077	Hewitt	Davenport	1500
3081	Anderson	Anderson	3500
3082	Powell	Poulsen	10168
3083	Marcou	Barnett	2075
3084	Same	Barnett	1000
3085	White Star	Schneely	500
3086	Bercovich	Bercovich	500
3087	Risl	Valente	400
3093	Canny	Bellefontaine	1650
3094	Corbus	Corbus	2500
3095	Ehrenport	Ehrenport	1800
3096	Sears	Fabing	3000
3097	Sisters Sacred Nms.	Behm	700
3098	Kraft	Dingwell	900
3099	Burklardt	Costodio	1200
3100	Neary	Neary	1600
3101	Patrick	Olson	2750

(3015) NOS. 1930-32-34 TELEGRAPH AVE., Oakland. Alterations. Owner.....J. B. Porter, 882 Isabella, Oakland.

Architect.....None.
Contractor.....J. F. Shrader, 520 16th, Oakland.

COST, \$525

(3016) E WEST 100 N 41st, Oakland. One-story 5-room dwelling. Owner.....F. T. Malley, 3001 Grove, Oakland.

Architect.....None.
Day's work.....

COST, \$2500

(3017) N SIXTY-FIRST 175 W Hille-gass, Oakland. Two-story 7-room dwelling.

Owner.....R. A. Simpson, 570 42nd, Oakland.

Architect.....None.
Contractor.....C. E. Nichols, 127 10th Ave., Oakland.

COST, \$2985

(3018) END GREENWOOD AVE BE of Piedmont Ave., Oakland. One-story 3-room dwelling.

Owner.....E. S. Thompson & Son, 3650 Broadway, Okd.

Architect.....None.
Day's work.....

COST, \$600

(3020) N FORTY-NINTH 150 E Maple, Oakland. One-story 5-room dwelling

Owner.....Johnson & Pederson, 2919 Union, Oakland.

Architect.....None.
Day's work.....

COST, \$2000

(3021) SE E-THIRTY-EIGHTH AND Randolph, Oakland. Two-story five-room dwelling and stores.

Owner.....Geo. Hudson, 757 Brookdale Ave., Oakland.

Architect.....None.
Day's work.....

COST, \$2000

(3023) W PERRY nearly opp. Crescent Oakland. Two-story 8-room dwlg.

Owner.....W. W. Greene.

Architect.....None.
Contractor.....Thad M. Tupper.

COST, \$5500

(3024) N KALES AVE 366 W Broadway, Oakland. Two-story 7-room dwelling.

Owner.....M. Peterson, 5360 Manila Ave., Oakland.

Architect.....None.
Contractor.....Fred Hamblen, 575 43rd, Oakland.

COST, \$1000

(3025) NE SEVENTEENTH & Broadway N 603E 56-2, Oakland. Plain and ornamental plaster for ten-story "Class A" office building.

Owner.....Lucy Fay Thompson, 1955 Welster, Oakland by P. J. Walker Co., Agents, Monadnock Bldg. S. F.

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.

CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

Architect...Walter W. Reed, Oakland
Bank Bldg., Oakland.
Contractor...Lyden & Bickel, 269 Fell,
San Francisco.

Filed Oct. 14, '13. Dated Oct. 10, '13.
1st and 15th of each month.... 75%
36 days after..... 25%
TOTAL COST, \$6208

Bond, \$5104. Surety, Fidelity & Deposit Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed.

(3026) CARPENTER WORK ON
above.

Contractor...W. D. Henderson, Monadnock Bldg., S. F.
Filed Oct. 14, '13. Dated Oct. 9, '13.
Payments same as above.....

TOTAL COST, \$17,032
Bond, \$8516. Surety, Maryland Casualty Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed

(3027) PAINTING ON ABOVE.

Contractor...L. J. Neal, 461 Hayes, S. F.
Filed Oct. 14, '13. Dated Oct. 9, '13.
Payments same as above.....

TOTAL COST, \$2350
Bond, \$1175. Surety, Aetna Accident & Liability Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed.

(3028) PLUMBING ON ABOVE.

Contractor...Frederick W. Snook & Co.,
356 Clay, San Francisco.
Filed Oct. 14, '13. Dated Oct. 10, '13.
Payments same as above.....

TOTAL COST, \$8731
Bond, \$4366. Surety, Aetna Accident & Liability Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed.

(3029) STEAM HEATING ON ABOVE.
Contractor...C. R. Watts.

Filed Oct. 14, '13. Dated Oct. 10, '13.
Payments same as above.....
TOTAL COST, \$2600

Bond, \$1300. Surety, Globe Indemnity Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3030) GLAZING ON ABOVE.

Contractor...California Plate & Window Glass Co., 864 Mission, S. F.
Filed Oct. 14, '13. Dated Oct. 9, '13.
Payments same as above.....

TOTAL COST, \$3729
Bond, \$1865. Surety, Fidelity & Casualty Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed.

(3031) ELECTRIC WORK ON ABOVE.
Contractor...Newbery-Bendheim Elec. Co., Humboldt Bank Bldg., S. F.

Filed Oct. 14, '13. Dated Oct. 9, '13.
Payments same as above.....

TOTAL COST, \$2800
Bond, \$1400. Surety, Southwestern Surety Ins. Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3032) METAL FURRING AND LATHING work on above.

Contractor...National Lathing & Furring Co., Monadnock Bldg., San Francisco.

Filed Oct. 14, '13. Dated Oct. 9, '13.
Payments same as above.....

TOTAL COST, \$6350
Bond, \$3175. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3033) NE TWENTY-FOURTH AND Grove E 93xN 85, Oakland. All work for two-story brick factory.
Owner.....Hattie Lehnhardt, 1309 Broadway, Oakland.

Architect...None.
Contractor...Oliver Duval & Son, 1st National Bank Bldg., Okd.

Filed Oct. 14, '13. Dated Oct. 14, '13.
Owner pays all bills as soon as they are certified

TOTAL COST not to exceed \$39,000
Bond, none. Limit, forfeit, none. Plans and specifications, none.

NOTE:—Contractor gets 10%.

(3035) S CHERRY LANE E County Road leading from Niles to Centerville, Niles. All work for one-story 6-room dwelling.

Owner.....Clarence E. Martstein.
Architect...None.

Contractor...F. G. Griffin & Sons.
Filed Oct. 14, '13. Dated Oct. 13, '13.

Frame up ¼
1st coat plaster on..... ¼
Completed ¼
Usual 35 days..... ¼

TOTAL COST, \$3053
Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(3036) N FORTY-SEVENTH 450 E Market 50x126, Oakland. All work for one-story 4-room dwelling.

Owner.....Lawrence S. Gavazza, 860 4th, Oakland.

Architect...None.
Contractor...Jose M. Silva and John Luzane, Oakland.

Filed Oct. 14, '13. Dated Oct. 6, '13.

Rough frame up.....\$300 00
1st coat plaster on..... 300 00
Completed and accepted..... 300 00
Usual 35 days..... 333 50

TOTAL COST, \$1233 50
Bond, none. Limit, 55 days after Oct. 6. Forfeit, \$5. Plans and specifications filed.

(3040) NO. 112 HAMILTON PLACE, Oakland. Reshingle and repair.

Owner.....Judson H. Edison, Prem.
Architect...None.

Contractor...J. W. Bowers.
COST, \$450

(3041) NO. 341 NINTH, Oakland. Alterations.

Owner.....N. Saunders, Premises.
Architect...None.

Contractor...J. O. Hunter, 341 9th, Okd.
COST, \$400

(3042) SE THIRTEENTH AND CLAY, Oakland. Alterations.

Owner.....H. & J. Abrahamson, SE 13th and Washington, Okd.

Architect...C. W. Dickey, Central Bk. Bldg., Oakland.

Day's work. COST, \$20,000

(3043) W WEBSTER 65 S 28th, Oakland. Two-story 28-room undertaking parlors.

Owner.....Weich & Co., 359 Santa Clara Ave., Oakland.

Architect...J. C. Newsom, 1422 Broadway, Oakland.

Day's work. COST, \$18,000

(3047) S QUIGLEY 140 N Maybelle, Oakland. One-story 5-room dwlg.

Owner.....M. J. Cann, 3733 Maybelle Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(3048) E CHETWOOD 150 N Santa Clara, Oakland. One-story 5-room dwelling.

Owner.....Alice Nople.

Architect...None.

Contractor...O. M. Bullock, 1706 8th Ave., Oakland.

COST, \$2000

(3049) N HARPER COURT 170 W 35th Ave., Oakland. One-story 6-room dwelling.

Owner.....M. C. Bolts, 3116 Central Ave., Alameda.

Architect...None.

Day's work.

COST, \$2000

(3050) W WEST 150 N Apgar, Oakland. Two-story 6-room dwelling.

Owner.....J. S. Crum, 283 Linden, Oakland.

Architect...None.

Day's work.

COST, \$2750

(3054) W BROADWAY 14 N 38th, Oakland. Stable and shed.

Owner.....A. W. Kirkland, 61 Santa Clara Ave., Oakland.

Architect...None.

Contractor...R. A. McWilliams.

COST, \$1100

(3055) N SANTA RAY AVE 579 E Paloma, Oakland Two-story 6-room dwelling.

Owner.....E. E. Embury.

Architect...None.

Contractor...Western Union Home Bldgs 1617 Telegraph Ave., Okd.

COST, \$3000

(3056) N NINTH 60 W Madison, Oakland. Three-story 59-room apartments.

Owner.....N. A. Thompson, Medford, Oregon.

Architect...C. Withers, Powell & California, San Francisco.

Contractor...E. M. Reagh, 4949 Coronado Ave., Oakland.

COST, \$30,000

(3057) S W SIXTEENTH AND CLAY S 60xW 100, Oakland. Excavating, grading, teaming, bulkheading, shoring, etc.

Owner.....M. Friedman Realty Co.

Architect...Henry H. Meyers, Kohl Bldg., San Francisco.

Contractor...F. M. Mestretti and J. M. Younger

Filed Oct. 15, '13. Dated Oct. 14, '13.

One-half work completed.....\$841

Completed and accepted.....\$61

36 days after.....515

TOTAL COST, \$2,227

Bond, \$1148.50. Surety, Fidelity & Deposit Co. Limit, 30 days. Forfeit, \$25.

Specifications only filed.

(3058) S FIFTH-FIFTH ptn Lots 6 and 7 Bk "S" McElrath Tract, Oakland. All work except rock, sand and cement now on ground for one-story 5-room dwelling.

Owner.....William Enos.

Architect...None.

Contractor...A. L. Hicks.

Filed Oct. 15, '13. Dated Oct. 14, '13.

Frame up.....\$500

Plastered.....500

Completed.....600

TOTAL COST, \$1600

Bond, limit, forfeit, none. Specifications only filed.

Owner.....Elias Donner, 25 Stockton, San Francisco.

Architect...None.

Contractor...C. M. Lee, 1526 Morton St., Alameda.

COST, \$100

(3061) NO. 686 MANDANA BLVD., Oakland. Garage.

Owner.....T. A. Mitchell, Premises.

Architect...None.

Contractor...United Home Bldrs., 1762 Broadway, Oakland.

COST, \$100

(3062) NO. 1372 MONTGOMERY, Oakland. Alterations.

Owner.....A. W. Seaman, Premises.

Architect...None.

Day's work.

COST, \$100

(3063) NO. 315 E-NINETEENTH, Oakland. Alterations.

Owner.....Mary C. Renand, Premises.

Architect...None.

Contractor...P. C. Renand.

COST, \$100

(3064) NO. 1924 FRUITVALE AVE., Oakland. All work for alterations to two-story dwelling.

Owner.....W. Bruce Philip and Fayette H. Philip, 1924 Fruitvale Ave., Oakland.

Architect...Edwin J. Symmes, 585 37th Oakland.

Contractor...Jos. Flittner, 1700 35th Ave., Oakland.

Filed Oct. 15, '13. Dated Oct. 14, '13.

Roof raised and exterior sheathing on.....4

1st coat plaster on.....4

Completed and accepted.....4

Usual 35 days.....4

TOTAL COST, \$1900

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3066) NO. 2446 TWENTY-FIRST AVE Oakland. One and one-half-story 7-room dwelling.

Owner.....Oscar Lockwood, 2446 21st Ave., Oakland.

Architect...None.

Contractor...W. P. Koptitz, Cor. 2nd and Webster, Oakland.

COST, \$2500

(3067) SW YGNACIO AND 45TH AVE., Oakland. One and one-half-story 6-room dwelling.

Owner.....Mrs. G. Romine, 2912 Wheeler, Oakland.

Architect...None.

Contractor...Wm. H. Sims, 2910½ Wheeler, Oakland.

COST, \$1500

(3068) NW DOMUTH AND LAGUNA, Oakland. One-story 4-room dwlg.

Owner.....Miss A. Dierken, 2029 Fillmore, San Francisco

Architect...None.

Day's work.

COST, \$1400

(3072) SE FORTIETH AND GROVE, Oakland. Shed.

Owner.....E. Dinneen, 725 7th, Okd.

Architect...None.

Day's work.

COST, \$400

(3073) NO. 1797 TWELFTH, Oakland. Tank frame.

Owner.....California Paint Co., Prem

Architect...None.

Contractor...L. W. Murdock, 1310 Webster, Oakland.

COST, \$500

(3071) NO. 3116 HIGH, Oakland. Alter and build garage.

Owner.....Dr. C. R. Krone.

Architect...None.

Contractor...Louis Engler, 2721 Haste, Berkeley.

COST, \$700

(3075) NO. 2846 BROADWAY, Oakland. Alterations.

Owner.....L. A. Fox, Premises.

Architect...None.

Contractor...T. D. Courtwright, 5637 Shafter Ave., Oakland.

COST, \$400

(3076) N THIRTY-NINTH 253 E Grove, Oakland. One-story 4-room dwelling

Owner.....Catherine Pool, 2242 Myrtle, Oakland.

Architect...None.

Contractor...R. Cormack, 589 39th, Okd.

COST, \$1400

(3077) S THIRTY-NINTH 120 W Lincoln, Oakland. One-story 5-room dwlg

Owner.....Hewitt & Davenport, 214 Commercial Bldg., Oakland.

Architect...None.

Day's work.

COST, \$1500

(3081) N LAWTON AVE 190 E Broadway, Oakland. Two-story 8-room dwelling.

Owner.....T. Anderson.

Architect...Geo. Anderson.

Contractor...T. Anderson & Son.

COST, \$3500

(3082) NE THIRTEENTH & WEBSTER E 100xN 50, Oakland. Plumbing, tinning, galvanized iron work, cast iron work, sewer work, telephone boxes and conduits for seven-story steel and brick hotel.

Owner.....H. A. Powell, Oakland.

Architect...F. D. Voorhees, Central Bank Bldg., Oakland.

Contractor...A. M. Poulsen, Oakland.

Filed Oct. 17, '13. Dated Oct. 13, '13.

1st day of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$10,168

Bond, \$3085. Surety, Title Guaranty & Surety Co. Limit, 20 days after plastering completed. Forfeit, \$25.

Plans and specifications filed.

(3083) LOTS SUB DIV C, D, AND E No. 7-7-7 Bk No. 395 Map No. 2. Watts Tract S 34th street bet Louise and Helen 75x100, Oakland. All work for two four-room dwellings.

Owner.....Mrs. Rose A. Marcou, 1161 34th, Oakland.

Architect...None.

Contractor...W. I. Robinson, Emeryville and L. S. Barnett, Okd.

Filed Oct. 17, '13. Dated May 31, '13.

Excavation contract.....\$ 75

Frame up.....\$500

Brown coated.....500

Completed.....500

Usual 35 days.....500

TOTAL COST, \$2075

Bond, \$2000. Sureties, W. I. Robinson, L. S. Barnett and J. W. McManis. Limit 60 days. Forfeit, \$1. Plans and specifications, none.

(3084) LOTS SUB DIV C, D AND E No. 7-7-7 Bk No. 395 Map No. 2. Watts Tract S 34 street, between Louise and Helen 75x100, Oakland. All work for one-story 4-room dwelling.

Owner.....Mrs. Rose A. Marcou, 1161 34th, Oakland

Architect...None.

Contractor...L. S. Barnett, Oakland.

Filed Oct. 17, '13. Dated July 10, '13.

Frame up\$250
Brown coated 250
Completed 300
Usual 35 days 200

TOTAL COST, \$1000

Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications, none.

(3085) DIAMOND AND FORTIETH, Oakland, Shed.

Owner.....White Star Laundry, Prem
Architect...None.

Contractor.....Schnebly, Hostrawser & Pedgrift, 1943 Broadway, Oakland.

COST, \$500

(3086) NO. 1126 BROADWAY, Oakland Alterations.

Owner.....B. Bercovich, 12th and Broadway, Oakland.

Architect...None.
Day's work. COST, \$500

(3087) NO. 1381 FOURTEENTH, Oakland. Addition.

Owner.....E. C. Risi, Premises.
Architect...None.

Contractor.....M. E. Valente, 5882 Vallejo Oakland.

COST, \$400

(3093) E SEVENTY-EIGHTH AVE -- Oakland. All work for one-story dwelling.

Owner.....Phillip Canny, Oakland.
Architect...None.

Contractor.....A. J. Bellefontaine, 6712 Flora, Oakland.

Filed Oct. 17, '13. Dated Sept. 16, '13.

Frame up 14
White coat plaster on 14

Completed 14
Usual 35 days 34

TOTAL COST, \$1650

Bond, limit, forfeit, none. Plans and specifications, none.

NOTE—Job is located on 78th Ave 100 S Main.

(3094) S FORTIETH 115 W Howe, Oakland. One-story 6-room dwlg.

Owner.....A. W. Corbus, 1542 Broadway, Oakland.

Architect...None.
Day's work. COST, \$2500

(3095) N SANTA RITA 100 E Rose-dale, Oakland. One-story 5-room dwelling.

Owner.....G. W. Ehrenpfort, 3129 Lynde, Oakland.

Architect...None.
Day's work. COST, \$1800

(3096) SE ELIOT AND E-THIRTY-third, Oakland. One-story 5-room dwelling and garage.

Owner.....W. J. Sears, 528 17th, Okd.

Architect...None.
Contractor.....P. N. Fabing, 1135 E-33rd, Oakland.

COST, \$3000

(3097) TWENTIETH & WEBSTER, Oakland. Addition.

Owner.....Sisters of the Sacred Names Premises.

Architect...None.
Contractor.....W. Behm & Co., 139 Oak, San Francisco.

COST, \$700

(3098) N GRAND AVE 60 W Euclid, Oakland. One-story two-room bldg.

Owner.....Gustani Kraft, 476 Grand Ave., Oakland.

Architect...None.

Contractor.....J. F. Dingwell, 2021 West, Oakland.

COST, \$900

(3099) S E-TWENTY-FOURTH 80 W Sunnyside, Oakland. One-story 3-room dwelling.

Owner.....W. A. Burkhardt, 2335 E-21th, Oakland.

Architect...None.
Contractor.....J. J. Costello, 414 Broadway, Oakland.

COST, \$1200

(3100) N ARLINGTON 130 E Park, Oakland. One-story 4-room dwlg.

Owner.....Wm. F. Neary, 1723 Telegraph Ave., Oakland.

Architect...None.
Day's work. COST, \$1600

(3101) W DESMOND 40 S Clifton, Oakland. One and one-half-story 7-room dwelling.

Owner.....Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.

Architect...None.
Day's work. COST, \$2750

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
3019	Pendleton	Satten	1200
3022	Murphy	Murphy	1500
3034	Reider	Pearson	6137
3040	Edson	Bowers	450
3041	Saunders	Hunter	100
3042	Abrahamson	Owner	20000
3043	Welch	Welch	18000
3044	Derzin	Broad	400
3045	Snedgar	Barritt	550
3046	Havest	Broad	300
3047	Cann	Cann	2500
3051	Froment	Spitler	1800
3052	Patrick	Nelson	2750
3053	Schmidt	Olsen	1000
3059	Allen	Spitler	400
3063	Shearman	Koch	1045
3069	Holloway	Holloway	1600
3071	Verper	Porter	500
3078	Bell	Peterson	2790
3079	United Bldgs.	Owner	2000
3080	Cal Nut Products	Sweet	1250
3088	Giordano	Schmitz	500
3092	Jamison	Aalto	2432

(3019) S EUNICE 234 W Euclid, Berkeley. Alterations.

Owner.....E. C. Pendleton, Premises.
Architect...None

Contractor.....H. J. Satten, 2536 Charlton Berkeley.

COST, \$1200

(3022) S ASHBY 300 E California, Berkeley. Two-story 6-room dwelling.

Owner.....D. J. Murahan, 1620 Stuart, Berkeley.

Architect...None.
Day's work. COST, \$1500

(3034) LOT 7 BLK 2 Kellogg Tract, Berkeley. All work for two-story 7-room dwelling.

Owner.....L. G. Reider, 2113 Fulton, Berkeley.

Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.

Contractor.....Ben Pearson, 2001 Addison, Berkeley.

Filed Oct. 14, '13. Dated Oct. 14, '13.

Frame up 1/4
Brown coated 1/4

Completed and accepted 1/4
Usual 35 days 1/4

TOTAL COST, \$6137.50

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(3041) N ADDISON 270 E Grove, Berkeley. Alterations.

Owner.....P. Denzin.
Architect...None.

Contractor.....A. H. Broad, 2117 Kitt-ridge, Berkeley.

COST, \$100

(3045) NO. 3046 DEACON, Berkeley. Addition.

Owner.....Mr. Snedgan, Premises.
Architect...None.

Contractor.....O. L. Borritt, 427 63rd, Okd

COST, \$550

(3046) E BENVENUE 200 N Derby, Berkeley. Addition.

Owner.....J. W. Havent.
Architect...B. McDougall.

Contractor.....A. H. Broad, 2117 Kitt-ridge, Berkeley.

COST, \$800

(3051) S EMERSON 300 E Tremont, Berkeley. One-story 5-room dwlg.

Owner.....Wm. Froment, 2019 Essex, Berkeley.

Architect...None.
Contractor.....E. B. Spitler, 2154 Ashby, Berkeley.

COST, \$1800

(3052) E OXFORD 35 N Marin Ave., Berkeley. One and one-half-story 6-room dwelling.

Owner.....Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.

Architect...None.
Day's work. COST, \$2750

(3053) SW JONES AND SAN PABLO Ave., Berkeley. One-story store and dwelling.

Owner.....W. J. Schmidt, SW Cor. Cedar & Sacramento, Bkly.

Architect...None.
Contractor.....Nelson Olsen, 2415 7th, Berkeley.

COST, \$1000

(3059) E LOS ANGELES 300 E Circle, Berkeley. Garage.

Owner.....H. Allen, University of California, Berkeley.

Architect...None.
Contractor.....E. B. Spitler, 2154 Ashby, Berkeley.

COST, \$400

(3065) NE DWIGHT WAY AND PIED-mont Ave., Berkeley. Concrete work.

water proofing, brick work, plastering, carpenter work, hardware, painting and plumbing for garden.

Owner.....T. M. Shearman, 2799 Ben-venue, Berkeley.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor.....H. D. Koch, 1816 Parker, Berkeley.

Filed Oct. 15, '13. Dated Oct. 14, '13.

On 1st day of each month..... 75%

TOTAL COST, \$1015

Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(3069) S SUMMER 324 E Spruce, Berkeley. Two one-story 1-room dwlgs.

Owner.....Geo. K. Holloway, 2119 45th Ave., Oakland.

Architect...None.
Day's work. COST, \$1600

(3071) NO. 959 INDIAN ROCK AVE., Berkeley. Alterations.

Owner.....Karl H. Verper, Premises.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.

Contractor...Porter Bros., 1911 Vine, Berkeley.
COST, \$500

(3078) TUNNEL & VICENTE ROADS, Berkeley. One and one-half-story 3-room garage.
Owner.....Mrs. E. S. C. Bell, Claremont.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...A. Peterson, 2615 Virginia, Berkeley.
COST, \$2790

(3079) SW ASHBY AVE AND LEE, Berkeley. One-story 6-room dwlg.
Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2600

(3080) W FOURTH 100 S Addison, Berkeley. One-story factory.
Owner.....California Nut Products Co, 1705 La Tona Ave., Bkly.
Architect...None.
Contractor...B. W. Sweet, 1822 9th, Bkly.
COST, \$1250

(3088) W SEVENTH 100 N Addison, Berkeley. One-story 3-room dwlg.
Owner.....Vincenzo Giordano.
Architect...None.
Contractor...H. J. Schmitz, 2440 4th, Berkeley.
COST, \$500

(3092) LOT 27 BLK 2 E-Shattuck Ave 203.55 from Los Angeles, Berkeley. All work for one-story 5-room dwelling and garage.
Owner.....E. E. and A. N. Jamison, 1515 North, Berkeley.
Architect...Sidney B. Newsom, Nevada Bank Bldg., Oakland.
Contractor...E. J. Aalto, 1531 California, Berkeley.
Filed Oct. 18, '13. Dated Oct. 14, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2432
Bond, \$1116. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Am't.
3037	Hooper	Strang	2000
3038	Hooper	Strang	2500
3039	Freeman	Eddy	1000
3070	Gosse	Aitchison	4318
3089	Tirpo	Burnett	3000
3090	Walker	Strang	3000
3091	Landsberger	MacRae	600

(3037) NO. 1342 EIGHTH, Alameda. One-story 7-room dwelling.
Owner.....C. A. Hooper & Co., Balboa Bldg., San Francisco.
Architect...V. N. Strang, 1319 Burbank, Alameda.
Contractor...Strang Bros., 1330 Burbank, Alameda.
COST \$2000

(3038) NO. 1310 EIGHTH, Alameda. One-story 7-room dwelling.
Owner.....C. A. Hooper & Co., Balboa Bldg., San Francisco.
Architect...V. N. Strang, 1319 Burbank, Alameda.
Contractor...Strang Bros., 1330 Burbank, Alameda.
COST, \$2500

(3039) NO. 508 FIFTH, Alameda. One story dwelling.
Owner.....J. R. Freeman, 1109 Oak, Oakland.
Architect...None.
Contractor...L. W. Eddy, 483 Ninth, Oakland.
COST, \$1000

(3076) S SANTA CLARA AVE, bet Willow and Chestnut; No. 2040 Santa Clara Ave., Alameda. All work except plumbing, heating and painting for alterations to one-story and basement dwelling.
Owner.....Mrs. I. J. Gosse.
Architect...Charles E. J. Rogers, 24 California, San Francisco.
Contractor...Aitchison & Son, 548 Santa Clara Ave., Alameda.

Filed Oct. 16, '13. Dated Oct. 14, '13.
Frame work completed.....\$ 600 00
Enclosed & plaster completed 800 00
Completed and accepted..... 1835 50
Usual 35 days..... 1679 50
TOTAL COST, \$4318 00
Bond, \$2160. Sureties, Geo. W. Johnston and John G. Lubben. Limit, 60 days after Oct. 18. Forfeit, \$10. Plans and specifications filed.

(3089) N PACIFIC AVE 288 W 5th N 150xW 50, No. 653 Pacific Ave., Alameda. All work for one-story 7-room dwelling.
Owner.....G. Tirpo, 207 Cypress, Ala.
Architect...None.
Contractor...Chas. H. Burnett, 865 32nd, Oakland.
Filed Oct. 18, '13. Dated Oct. 16, '13.

Frame up 1/4
Rough plaster on 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3000
Bond, none. Limit, 90 days. Forfeit, \$5. Specifications only filed.

(3090) NO. 1315 SAN ANTONIO AVE., Alameda. Alter dwelling.
Owner.....C. W. Walker, Premises.
Architect...None.
Contractor...F. N. Strang, 804 Central Ave., Alameda.
COST, \$800

(3091) NO. 1516 SAN JOSE AVE., Alameda. Add to dwelling.
Owner.....T. Landsberger, Premises.
Architect...None.
Contractor...Chas. W. MacRae, 2315 Encinal Ave., Alameda.
COST, \$600

NOTICE OF NON-RESPONSIBILITY.

Oct. 17, 1913—LOTS 41 AND 42 BLK 3 Map Regents Park No. 6, Oakland Tp. County Line Land Co as to improvements on leased property

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED	ACCEPTED
Oct. 11, 1913—LOT 32 Map No. 2 Blk "J" Vernon Park Tract, Temescal, Okd. Mary G Ryan to B R Dexter	.....Oct. 10, 1913
Oct. 14, 1913—NW TWENTY-FIRST and Telegraph Ave N 100 W 158-11 7-16 S 100 th along N in 21st 160 to beg, Okd. Young Mens' Christian Association to Yager Sheet Metal Co.	.....Oct. 3, 1913
Oct. 14, 1913—LOTS 8 AND 9 BLK "G"	

Map Huntington Tract, Okd. J S Ramos to whom it may concern...
.....Aug. 1, 1913
Oct. 15, 1913—LOTS 4 & 5 Map Ellsworth Trct, Bkly. Alameda County Home Investment Co to F E Nelson
.....Oct. 6, 1913
Oct. 15, 1913—S NINETEENTH 100 E Broadway E 50xS 100, Okd. F T McHenry to McCreary & Sampson
.....Oct. 15, 1913
Oct. 15, 1913—LOT 4 Map Walker & Bradhoff Tract, Okd. Mrs Georgie E Wilkinson to E T Leiter & Sons
.....Oct. 14, 1913
Oct. 15, 1913—LOT 12 BLK "A" Map Hemphill Tract, Brooklyn Tp. Chas W Ruedy to C B Stanley...Oct. 11, 1913
Oct. 16, 1913—N FORTY-FIRST and E Telegraph Ave E 40xN 88.95, Okd. William English to John Bernhardt
.....Oct. 7, 1913
Oct. 17, 1913—S FIFTY-SIXTH 116.32 W Park W 25xS 91, Okd. David Robert Berry\$2600
Oct. 18, 1913—LOT 9 BLK 2 Map Claremont, Bkly. Hattie M Turton (w/ F R).....\$7500
Oct. 17, 1913—NW TWENTY-FIRST & Telegraph Av N 100 W 158-11 7-16 S 100 th along N in 21st 160 to beg, Okd. The Young Mens' Christian Association to Yager Sheet Metal Co.
.....Oct. 3, 1913
Oct. 17, 1913—NW GREENWOOD Ave NE Plet NW 34.66 NE 61 SE to pt distant 64 NE from pt beg SW 64, Okd. B Axel Orlen to John Vaughn
.....Oct. 16, 1913

LIENS FILED.

ALAMEDA COUNTY.

Oct. 10, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40xS 123, Okd. Henry Cowell Lime & Cement Co vs J C and Laura Peterson and B B Wickersham...\$121.40
Oct. 10, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40xS 123, Okd. W J Ridney (Oakland Mantel Co) vs J C Peterson, Laura Peterson, B B Wickersham...\$175.95
Oct. 11, 1913—S DWIGHT WAY 120 E Ellsworth E 60.5xS 134.5, Bkly. E H Bellows (Pacific Wall Bed Co) vs Estate of Willis G Wlter and Elizabeth Gooding Wlter...\$165.50
Oct. 14, 1913—LOT 15 BLK "C" Map Sunnyslope, Okd. Hogan Lumber Co vs C M Covell and C L Decker
.....\$143.32
Oct. 16, 1913—N ELIZABETH now 67th 125 from E in San Pablo Ave E 25 N 110.69 W 22.3 S 110.72, Okd. J A Graves and J W Beck, \$72; A Soda, \$30.50 vs Margaret A and Thos J Powers and John Laamanen
Oct. 16, 1913—LOT 1 and W 10 feet Lot 2 Blk 119 Map Allison Tract, Bkly. Fred Nyberg, \$39; Berkeley Lumber Co, \$474.45; A Soda, \$111.05; J A Graves and J W Beck, \$18.75 vs Samuel Hllich & John Laamanen

SAN JOSE & SANTA CLARA CLARA VALLEY.

BUNGALOWS — 1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Nortridge Bros., 755 East St. John's St., San Jose, 1 story 6 room bungalow, \$2,000, and F. Peres, 6th and

Martha street, San Jose. 1 story 4 room cottage, \$1,500.

JAIL—1 story reinforced concrete. Cost not stated. Santa Cruz, Santa Cruz Co., Ca. Architect, none. Owners, Santa Cruz County. Plans for a small branch county jail have been completed and approved by the Board of Supervisors. Bids for the construction of the building and for the equipment are to be opened October 22nd. Interior finish will be of pine. Plans call for a number of steel cells and other jail equipment. Exterior of the building will be faced with cement plaster. Plans and specifications can be secured from the County Clerk at Santa Cruz.

Building Contracts.

SANTA CLARA COUNTY.

E SIXTH, bet Margaret and Virginia, San Jose. Five-room cottage. Owner.....H. James, 215 Auzeais Ave., San Jose. Architect...None. Contractor...A. A. Church, 563 Minor Ave., San Jose. **COST, \$1719**

NO. 518 PARK AVE., San Jose. Repair cottage. Owner.....P. Danzi, NE Cor. Park & Josepha, San Jose. Architect...None. Day's work. **COST, \$400**

NO. 364 N-SIXTEENTH, San Jose. Four-room bungalow. Owner.....F. Peres, 6th and Martha, San Jose. Architect...None. Day's work. **COST, \$1500**

E FOURTEENTH, 2nd Lot S Santa Clara, San Jose. One and one-half-story residence and garage. Owner.....N. J. Brown, 50 S-Second, San Jose. Architect...None. Contractor...L. J. Kelly, Stevens Creek Road, San Jose. **COST, \$2600**

NO. 52 S-SIXTEENTH, San Jose. Six-room cottage. Owner.....Northridge Bros., 785 E-St. John, San Jose. Architect...None. Day's work. **COST, \$2000**
NO. 390 WILLOW, San Jose. Addition on rear of residence. Owner.....Gus. Anderson, Premises. Architect...None. Day's work. **COST, \$1600**

(Correction in work)

LOT 5 SAN JUAN EXTENSION Stanford University Campus. Erect frame building. Owner.....T. M. McFarland, Palo Alto. Architect...A. B. Clark. Contractor...H. J. Ross, Palo Alto. Filed Sept. 30, '13. Dated Sept. 18, '13. Frame up, roof completed...\$1765.00 Plaster on 1765.00 Work completed 1765.00 Usual 35 days 1765.40 **TOTAL COST, \$7060.40**
Bond, \$3500. Surety, Guardian Casualty & Guaranty Co. Limit, 120 days. Forfeit, \$10 per day. Plans and specifications filed.

S VIRGINIA 2nd Lot E of 3rd Street, San Jose. Repair residence. Owner.....C. J. Vath, Premises. Architect...None. Day's work. **COST, \$1200**

NO. 135 S-SEVENTEENTH, San Jose. Two-story addition. Owner.....Dr. S. C. Maynard, Prem. Architect...None. Contractor...A. M. Whiteside, 71 S-19th St., San Jose. **COST, \$1826**

NO. 464 N-TWELFTH, San Jose. Four room cottage. Owner.....Mr. Leitze, Premises. Architect...None. Day's work. **COST, \$1255**

W FIFTH, 4th Lot S San Salvador, San Jose. Seven-room cottage. Owner.....E. F. Graham, Premises. Architect...None. Contractor...W. J. Moore, 239 Orchard, San Jose. **COST, \$5700**

LOT 8 BLK 3, Shottenhamer Tract, San Jose. Six-room cottage. Owner.....Geo. Kettman, Premises. Architect...None. Contractor...Shottenhamer Bros., 143 S-16th, San Jose. **COST, \$2600**

NO. 236 WALNUT, San Jose. Three-room addition. Owner.....F. W. Wendell, Premises. Architect...None. Day's work. **COST, \$800**

NO. 19 JEROME, San Jose. Five-room cottage. Owner.....E. A. Bevins, Premises. Architect...None. Day's work. **COST, \$2000**

NO. 666 N-TWELFTH, San Jose. One and one-half-story barn. Owner.....A. Catania, Premises. Architect...None. Day's work. **COST, \$400**

NO. 190 S-SIXTEENTH, San Jose. One-story addition on top of building. Owner.....Chester Herold, Premises. Architect...Warren Skillings, Garden City Bank Bldg., San Jose. Contractor...C. A. Thomas, 692 N-San Pedro, San Jose. **COST, \$1500**

NO. 508 KEYES, San Jose. Two-room addition. Owner.....R. Stilwell, Premises. Architect...None. Day's work. **COST, \$400**

NO. 62 N-FIRST, San Jose. Remodel front. Owner.....W. L. Carey, Premises. Architect...None. Contractor...J. C. Thorp, Porter Bldg., San Jose. **COST, \$500**

NO. 276 EMORY, San Jose. Four-room cottage. Owner.....Carlo Demesso, Premises. Architect...None. Day's work. **COST, \$1300**

Building Contracts.

SAN MATEO COUNTY.

EASTON. Roughing in of plumbing,

testing and setting of all fixtures (supplied by owner) for building. Owner.....Frederick Kohl, Kohl Bldg San Francisco. Architect...Howard & White, Lick Bldg., San Francisco. Contractor...F. W. Snook & Co., 596 Clay, San Francisco. Filed Oct. 10, '13. Dated Oct. 6, '13. 75% when roughing is done and tested out\$2154 On completion of the setting of fixtures, the sum equal to the difference of the above payment and \$2154 together with 75% of the value of fixture as per bills presented and approved..... Usual 35 days, \$718 together with the balance equal to 25% of the value of fixtures set, as above.

TOTAL COST, \$2872
Bond, \$1436. Surety, United States Fidelity & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

LOT 5 BLK 11 Lomita Park Sub 3, Lomita Park. All work for one-story frame building. Owner.....William H. Eddy. Architect...None. Contractor...R. C. Stickie. Filed Oct. 14, '13. Dated Oct. 2, '13. Frame work completed.....\$650 Enclosing building 650 Interior finishings complete..... 650 Usual 35 days..... 650 **TOTAL COST, \$2600**

Bond, \$1305. Sureties H. Loose and H. A. Bewley. Limit, 90 working days from Oct. 6. Forfeit, none. Plans and specifications filed.

COUNTY ROAD NEAR SECOND AVE., San Mateo. All work for refrigerating and ice making plant. Owner.....St. Matthews Red Cross Hospital. Architect...None. Contractor...Vulcan Iron Works, Francisco and Kearny, S. F.

Filed Oct. 16, '13. Dated Sept. 11, '13. On acceptance, 75%\$1035 Usual 35 days, 25% 345 **TOTAL COST, \$1380**
Bond, \$690. Surety, Equitable Surety Co. Limit, 30 days after arrival of plant at site. Forfeit, none. Specifications filed. (Proposal).

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED **ACCEPTED**
Oct. 7, 1913—STANFORD UNIVERSITY, inner quadrangle. Stanford University to E A Hettinger..... Oct. 3, 1913
Oct. 9, 1913—LOT 3 Hyland Sub, San Jose. Grace C Heid to R C Herschback Oct. 6, 1913

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED **AMOUNT**
Oct. 8, 1913—LOTS 46 & 47 Shafter Sub, San Jose. E A Hliatt vs Ellen Bowles\$300
Oct. 10, 1913—COR. MILPITAS & Alviso Road, about 1 mile from Alviso. Hart-Wood Lumber Co vs E Wartena et al.....\$613.29

Wednesday, Oct. 22, 1913.

BUILDING AND INDUSTRIAL NEWS

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Oct. 10, 1913—LOT 6 BLK 5, Dinnee
Park, Redwood City. A M Porter
to Charles Miller..... Oct. 8, 1913
Oct. 14, 1913—LOT "B" BLK 11 Map
No. 2 of Burlingame Land Co. Bur-
lingame. Adelaide E MacDonald
to S McClure..... Oct. 7, 1913
Oct. 14, 1913—HATCH ALLEY, Bur-
lingame, Portion of Blk No. 11. J
H Hatch to J H Wilson..... Oct. 10, 1913

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT
Oct. 14, 1913—LOT 1 BLK 17 San
Carlos Amended Map, Town of San
Carlos. G H Andrews vs John H
Plattner\$37.50

MARIN, CONTRA COSTA AND
SONOMA COUNTIES.

HOTEL, PAVILION, ETC.—1 and 2
story, reinforced concrete. Cost not
stated. Santa Venetia, Marin Co., Cal.
Architects, Maybeck and White, Lick
Bldg., S. P. Owners, Santa Venetia
Co. These buildings are proposed and
only preliminary sketches have been
made. Santa Venetia is a new tract
which is to be placed on the market
and the improvements are to be erected
by the company. Further details of
this work will be given as the plans
progress.

HOTEL—3 story and base, brick and
steel. Cost not stated. Richmond,
Contra Costa Co., Cal. Architect, A. W.
Smith, 1004 Broadway, Oakland. Own-
ers, English and Haegerty. The build-
ing will be erected on a corner site
and has been designed for a store be-
sides the hotel lobby on the first floor.
Upper floors will contain in the neigh-
borhood of 54 guest rooms and a num-
ber of public baths. Interior finish will
be of pine. Bath rooms will have com-
position floors and tile wainscot. Plans
provide for steam heat and a hot water
system. Exterior of the building will
be faced with pressed brick. Plans are
nearly complete and figures will be
called for shortly.

STORE—1 story and base, brick. Cost
not stated. Richmond, Contra Costa
Co., Cal. Architect, C. O. Clausen, Phelan
Bldg., S. P. Owner, Mr. Teherassy.
This building will be erected at the cor-
ner of Richmond avenue and Park Place
and will be designed for a large whole-
sale and retail grocery house. Consider-
able marble and tile will be used. In-
terior finish will be of pine. Patent store
fronts and plate glass windows will be
used. Exterior of the building will
probably be faced with cement plaster.
Plans are now being prepared.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Oct. 17, 1913—LOT 14 BLK "P" Map
No. 3, Town of Point Richmond.
Hoyt & Greene Inc to C D Knolly
.....Oct. 1, 1913

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Oct. 10, 1913—SEC 20, 21, 22, 23, 24 T 1
N R 3 E M D B and M. L G Geddes
vs Balfour-Guthrie Improvement
Co.....\$145.75
Oct. 10, 1913—SEC 20, 21, 22, 23, 24
T 1 N R 3 E M D B and M. B H
Geddes vs Balfour-Guthrie Invt
Co.....\$131.20
Oct. 10, 1913—SEC 20, 21, 22 T 1 N R 3
E M D B and M. Andrew Bonnick-
son vs Charles Nott\$113.85
Oct. 14, 1913—SEC 20, 21, 22, 23, 24
T 1 N R 3 E M D B and M. B H
Geddes vs Balfour-Guthrie Invt
Company\$131.20
Oct. 14, 1913—SECS 24, 23, 22, 21, 20
Township 1 North Range 3 E M D
M. Lloyd Geddes vs Balfour-Guth-
rie Invt Co.....\$145.75

FRESNO, MODESTO, STANIS-
LAUS AND CENTRAL
CALIFORNIA.

COUNTY JAIL—2 story, base, and
mezzanine floor, Class A construction.
\$150,000. Bakersfield, Kern Co., Cal.
Architect, Orville L. Clark, Brower
Bldg., Bakersfield. Owners, Kern
County. The Board of Supervisors re-
cently selected the designs of Archi-
tect Clark for the new County Jail and
awarded the second prize to Thomas
B. Wiseman of Bakersfield, \$250, and
third prize to J. W. Dolliver of San
Francisco, \$125. The building will be
classic in design, of reinforced con-
crete construction faced with terra
cotta. Floors and roof slabs will also
be of reinforced concrete. Interior
partitions will be of hollow tile and
metal lath and plaster. The structure
will cover an area of 112 by 100 feet.
Basement will contain mechanical
room, engineer's quarters, fumigation
and bath rooms, armory, storage space
and garage. The sheriff's office, gen-
eral office, three deputy's offices, jail-
or's rooms and two tiers of steel cells
will occupy the first floor. Second floor
will be arranged for wash room, din-
ing rooms and kitchen and quarters
for the female prisoners. Interior fin-
ish will be largely of metal and hard-
wood. A hospital and cells for inebri-
ates are also provided for in the plans.
There will be a steam heating system,
vacuum cleaning and hot water supply.
Plans will be completed as rapidly as
possible and bids will be called for be-
fore the first of the year.

HOTEL ALTERATIONS—Frame con-
struction. Cost not stated. Fresno,
Fresno Co., Cal. Architect, Eugene
Mathewson, Forsythe Bldg., Fresno.
Owner, T. C. White. The present build-
ing located at the corner of I and Mer-
ced streets will undergo extensive re-
pairs. First floor will be altered for
a number of stores and upper floors
will be completely remodeled. Stores
will have patent store fronts and plate
glass windows. Interior finish will be
of pine throughout. A new heating
system will be installed. Plans are be-
ing prepared.

HOTEL—1 story, rustic construction.
\$25,000. Big Creek, Fresno Co., Cal.
Architect, J. Carl Thayer, Forsythe
Bldg., Fresno. Owner, J. E. Bass,
Fresno. The building is to be erected

at Big Creek Lake and will be rustic
in design with exterior of redwood
logs. Plans show a total of 54 guest
rooms, large lobby, ladies' and gentle-
men's parlors and a large dining room.
Two fine places large enough to con-
sume huge redwood logs will be con-
structed, one in the lobby and the
other facing an open porch. Interior
finish will be such as to harmonize
with the surroundings. Hot and cold
water will be supplied to all rooms.
The hotel will be conducted as a winter
and summer resort. Plans are now be-
ing prepared.

LODGE HALL AND STORES—2 story
and base, brick and steel. Cost not
stated. Porterville, Tulare Co., Cal.
Architect, J. L. Roberts, Porterville.
Owner, Porterville Odd Fellows' Hall
Association. A site at the corner of
Main and Cleveland streets has been
secured and plans are now being pre-
pared for a building containing two
stores on the first floor and modern
lodge halls and banquet room on the
upper floor. Interior finish will be of
pine and redwood. A maple floor will
be used in the ball room. Exterior of
the building will be faced with pressed
brick. Patent store fronts are spec-
ified. Plans are now being completed
and bids will shortly be called.

SACRAMENTO, STOCKTON &
NORTHERN CALIFORNIA.

BUNGALOW — 1½ story and base,
frame, \$3,000. Stockton, San Joaquin
Co., Cal. Architect, Joseph Losekann,
San Joaquin Bldg., Stockton. Owner,
Dr. O. H. Peterson. The bungalow will
contain seven rooms and bath and will
be erected in the new residence tract
known as "The Oaks" Interior finish
will be of pine and redwood. Hard-
wood floors will be used in the principal
rooms. There will be furnace heat and
open fire place. Mantel will be of
brick. Tile will be used in the bath
room and kitchen. An automatic water
heater will be installed. Exterior of
the house will be covered with cement
plaster on metal lath and rustic. Plans
are complete and figures are being
taken.

GARAGE—1 story and base, rein-
forced concrete. Cost not stated. Fer-
nald, Humboldt Co., Cal. Architect's
name not given. Owners, Cream City
Mechanical Co. Plans and specifica-
tions for a new fireproof garage build-
ing covering a large area have been
completed. Bids have been taken from
a number of contractors and a con-
tract will be awarded within a few
days. The building will contain stor-
age space for eight machines besides
a paint shop and repair shop. There
will be metal window sash and frames
and fireproof floor and roof. Exterior
of the building will be faced with ce-
ment plaster.

HOSPITAL—2 story and base, rein-
forced concrete, \$110,000. Stockton,
San Joaquin Co., Cal. Architect, Wal-
ter King, Elks' Bldg., Stockton. Own-
ers, St. Joseph's Home. This work has
been mentioned here before when the
plans were first out for figures. The
building will be erected on North Cal-
ifornia street covering a large area and
will be fireproof throughout. There
will be a number of wards besides pri-
vate rooms and operating room. Inter-
ior will be finished in pine and hard-
woods. Plans provide for steam heat
and elevator service. Metal window



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sash and frames will be specified. Exterior of the building will be faced with cement plaster. Plans are complete and new figures are being taken. Fattler McGough is in charge of the work.

SCHOOL—2 story and base, reinforced concrete, \$60,000. Willows, Glenn Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Willows School District. Bonds for a new school building have been voted and plans submitted by Architect Weeks some time ago and approved by the Board of School Directors will be completed and bids called for shortly. The building will contain a number of standard size class rooms and a large assembly hall. Interior finish will be of pine with maple floors. A central heating system, probably steam heat, will be installed. Exterior of the building will be faced with cement plaster. Further mention of this work will be made when bids are called.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Eureka, Humboldt Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Plans presented by Architect Weeks in competition with one other San Francisco firm and the local firm of Ackerman and Reese were selected by the Board of Education. The building will be fireproof and will contain besides the usual class rooms, a large auditorium, domestic science rooms and a manual training department. Interior will be finished in pine with maple floors. Plans provide for steam heat and a modern system of ventilation and vacuum cleaning. Exterior of the building will be faced with cement plaster. Bids will be called for as soon as plans can be completed.

SCHOOL—ADDITION—2 story and base, reinforced concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. The present building located at the corner of Jackson and San Joaquin streets is to be enlarged. Plans for this work have been approved by the Board of Education and figures are now being taken. Bids will be opened on October 22. Plans and full particulars can be secured from the architects.

Contracts Awarded.

BRIDGE—Steel and reinforced concrete, \$20,990. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville. Owners, Yuba County. Contractors, George W. Martin & Son, Sacramento. Contract price, \$20,990.

SCHOOL—2 story and base, reinforced

concrete, \$47,900. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Stockton School District. Contractors, Chirhart and Nystedt, Stockton, general construction only. Contract price, \$47,900. A complete list of these bids appears under the heading of Sacramento, Stockton and Northern California in this issue.

Building Contracts.

SACRAMENTO COUNTY.

LOT 160 N 1/4 LOT 161 Homestead Add'n. Sacramento. One-story frame dwelling.

Owner.....Royal Miller, 1615 M St., Sacramento.

Architect...None
Contractor...Harry A. Hendren, 421 1/2 J St., Sacramento.

Filed Oct. 14, '13. Dated Oct. 14, '13.
COST, \$4400

LOT 14 Kendrick Tract. Sacramento dwelling.

Owner.....D. V. Cole, 2634 Stockton Ave., Sacramento.

Architect...None.
Contractor...H. M. Earle, Magnolia Ave. Sacramento.

COST, \$1500

LOT 25 Mier & Sowell High School Tct. Sacramento. Erect dwelling.

Owner.....C. H. Chatterton, 3126 T St. Sacramento.

Architect...None.
Day's work.....

COST, \$2400

LOT 28 Mier & Sowell High School Tct. Sacramento. Erect dwelling.

Owner.....C. H. Chatterton, 3126 T St. Sacramento.

Architect...None.
Day's work.....

COST, \$2500

LOT 33 Mier & Sowell High School Tct. Sacramento. Erect dwelling.

Owner.....J. Davidson, 2208 1/2 19th St. Sacramento.

Architect...None.
Contractor...C. H. Chatterton Bros., 3126 T St., Sacramento.

COST, \$2750

N 35 FEET LOT 5, G, H, 10TH AND 11th Sts. Sacramento. Alter dwlg.

Owner.....Mrs. Alice M. Jones, 716 11th St., Sacramento.

Architect...None.
Contractor...Thielbar & Bender, 2901 C St., Sacramento.

COST, \$750

LOT 77 HOWELL CLARK TCT. Sac-

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

616 Phelan Building,

San Francisco

ramento. Erect dwelling.
Owner.....Morrell & Clark Constr. Co.
Architect...None.
Day's work.....

COST, \$4050

LOT 14 BLK 30 Oak Park. Sacramento. Alter garage.

Owner.....John Labourette, 3311 Madison, Sacramento.

Architect...None.
Contractor...E. A. Pierce, 3526 Park Ave., Sacramento.

COST, \$400

E 15 FEET LOT 12 BLK 2, Boxier Tct. Sacramento. Dwelling.

Owner.....E. A. Pierce, 3526 Park Ave., Sacramento.

Architect...None.
Day's work.....

COST, \$2700

N 63 FEET LOT 12 BLK 2, Boxier Tct. Sacramento Dwelling

Owner.....E. A. Pierce, 3526 Park Ave., Sacramento.

Architect...None.
Day's work.....

COST, \$2700

W 1/2 LOT 5 and 120 ft Lots 6 and 7 sub "B" Oak Park. Sacramento. Dwelling.

Owner.....W. E. Travis, 3736 Magnolia Ave., Sacramento.

Architect...None.
Contractor...Arthur Travis, 3736 Magnolia Ave., Sacramento.

COST, \$2500

LOT 8 Pleasant View Oak Park. Sacramento. Dwelling.

Owner.....J. B. Weikal, 5th and Center Sts., Sacramento.

Architect...None.
Contractor...Burton H. Bill, 3215 4th Ave., Oak Grove, Sacramento.

COST, \$3300

N 1/2 OF S 1/2 LOT 4 S AND T. 5TH AND 6th Sts. Sacramento. Dwelling.

Owner.....J. Eckman, 601 P St., Sacramento.

Architect...None.
Contractor...Siller Bros., 1614 13th St., Sacramento.

COST, \$3200

S 40 FEET LOT 1, 25TH, 26TH, O. P Sts. Sacramento. Erect tenement house.

Owner.....Frank P. Williams, 3117 7th Ave., Sacramento.

Architect...None.
Day's work.....

COST, \$6200

NO. 97 BURLINGAME TERRACE. Sacramento. One-story frame cottage.

Owner.....F. E. Stahl.
Architect...None.

Contractor...G. B. Stahl.
Filed Oct. 10, '13. Dated Oct. 7, '13.
COST, \$2945

Contractor...T. A. McDougall, 2712 First
Ave., Sacramento.
COST, \$550

Building Contracts.

SAN JOAQUIN COUNTY.

A GOETHE ADD'N K. Sacramento.
Alter building.
Owner.....G. Argante, 4216 Cypress
Ave., Sacramento.
Architect...None.
Contractor...Chas. Vanina, 2022 M St.,
Sacramento.
COST, \$2500

LOT 2608 OAK TERRACE, Sacramento.
Dwelling.
Owner.....W. A. Fairfield, 3020 35th,
Sacramento.
Architect...None.
Day's work. COST, \$1800

LOTS 41 AND 42 Curtis & Bowley Add'n
Sacramento. Erect three bungalows.
Owner.....L. R. Miller, 3230 East
Ave., Sacramento.
Architect...None.
Contractor...J. C. Dillard, 3117 Magnolia
Ave., Sacramento.
COST, \$5400

NO. 4316 CYPRESS AVE., Sacramento.
Alter store.
Owner.....G. Argante, Premises.
Architect...None.
Contractor...C. Vanina, 2022 M St., Sac-
ramento.
COST, \$900

LOT 5, V. W. 9TH AND 10TH STS., Sacra-
mento. Erect dwelling.
Owner.....Geo. J. Seemal, 2218 10th,
Sacramento.
Architect...None.
Contractor...H. Goldman, 1728 15th St.,
Sacramento.
COST, \$3000

LOT 747 W R TRACT 20, Sacramento.
Erect dwelling.
Owner.....P. J. Gamble, 1417 Sylvan
way, Sacramento.
Architect...None.
Day's work. COST, \$1900

W 50 OF S 33 FEET OF LOT S. O. P.
25th and 26th Sts., Sacramento. Erect
dwelling.
Owner.....Mrs. J. T. Leary 3523 P St.,
Sacramento
Architect...None
Contractor...E. Ball, — Ohio Ave., Sacra-
mento. COST \$3150

LOT 4, J. K. 2ND AND 3RD STS., Sacra-
mento. Alter building.
Owner.....Angeline Merincovich, 230
J St., Sacramento.
Architect...None.
Contractor...C. Vanina, 2022 M St., Sacra-
mento. COST, \$1900

LOT 13 BLK 51, Oak Park Sacramento.
Alter building.
Owner.....Gertrude S. Hart, 2211 3rd
Ave., Sacramento.
Architect...None.
Day's work. COST, \$600

LOT 1 CRESS TRACT, Sacramento.
Erect dwelling.
Owner.....Ella R. Cress, 4130 Mag-
nolia, Sacramento.
Architect...None
Day's work. COST, \$2000

NO. 131 K ST., Sacramento. Alter
stores.
Owner.....Mrs. Alice Joy
Architect...None

LOTS 8, 10, 12, 13, 16 BLK 102 E of
Center, Stockton. Heating plant for
Tremont School. \$800 cu. ft. air fan
electric driven, one No 94 Mueller
horizontal tubular water boiler.
Owner.....Board of Education, Stock-
ton. Mrs. C. Schneider,
Mrs. Alice P. McLeod,
Frank Warren, F. Ellis,
and B. F. Eastman.
Architect...Stone & Wright, 20 South
California St., Stockton.
Contractor...Ed. L. Gnekow, 647 E-Main
St., Stockton.
Filed Oct. 7, '13. Dated ———
Fan and furnace in.....\$500
Completed 587
Usual 35 days..... 362
TOTAL COST, \$1149

Bond, \$750. Sureties, H. E. King and
Eden Harris. Limit, 30 days. Forfeit,
\$5 per day. Plans and specifications
filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Oct. 14, 1913—INTERSECTION P ST.
and Upper Stockton Road th S on
31st St to intersection with R. th
E on Southern Pacific r of w to
intersection with upper Stockton
Road. Libby, McNeill & Libby per
Jas S Morrow, Agent to Thomas H
Day's Sons.....Oct. 14, 1913
Oct. 14, 1913—LOT 23, Williamson
Tct, Sacramento. H. L. McClelland
to D A Jenkins.....Oct. 8, 1913

LIENS FILED

SACRAMENTO COUNTY.

RECORDED ACCOUNT
Oct. 9, 1913—FARM NO. 469, Central
California Tracton Unit No. 10.
F A Warren vs John R Griffin.....\$108.58
Oct. 10, 1913—FARM NOS. 469 AND
463, Central California Tracton
Unit No. 10. W P Fuller & Co vs
Hamilton Investment Co and John
R Griffin\$59.15

NOTICE OF NON-RESPONSIBILITY.

SACRAMENTO COUNTY.

Oct. 9, 1913—S ½ LOT 1, J. K. 6TH
and 7th Sts.; Nos. 1013 and 1015
6th (Paist Cafe). Chas P Nathan
and Oscar Ross as to improvements
on leased property.....

LOS ANGELES AND SOUTH-CALIFORNIA.

RESIDENCE — 2 story and base.
frame. Cost not stated. Hollywood,
Los Angeles Co., Cal. Architect, J. Mar-
tyn Haerke and W. J. Dodd, Story Bldg.
L. A. Owner, Mr. Wiehman. The house
will contain fourteen rooms, three bath
rooms and sleeping porches. Interior
finish will be of pine, mahogany and
walnut. Hardwood floors will be used
in the principal rooms. Plans provide
for furnace heat and open fire places.

Mantels will be of tile and brick. All
bath rooms will have tile floors and
wainscot. A hot water system will
be installed. Exterior of the dwelling
will be covered with cement plaster
on metal lath. A red clay tile roof will
also be used. Plans are complete and
figures are being taken.

APARTMENT HOUSE—3 story and
base, brick, \$37,000. Long Beach, Lo-
s Angeles Co., Cal. Architect, J. B.
Nicholson, Wright and Callender Bldg.
L. A. Owner, James H. Atkin. The
building will cover a ground area of
50 by 150 feet and has been designed
to contain 80 rooms arranged in two
and three room suites with private
baths. Wall bells will be used in all
apartments. Interior finish will be of
pine and redwood. Plans provide for
steam heat, a vacuum cleaning system
and hot water supply. Exterior of the
building will be faced with pressed
brick. All bath rooms will have com-
position floors and tile wainscot. Plans
are being prepared.

BRIDGES—Steel and reinforced con-
crete. Cost not stated. Santa Bar-
bara County, Cal. Engineer, County
Engineer, Santa Barbara. Owners
Santa Barbara County. Plans have
been completed by the County En-
gineer for three concrete and steel high-
way bridges which are to be erected as
follows: An 80 foot steel span bridge
over Los Alamos Creek on the State
Highway in the 5th Road District; a
concrete girder bridge in the same road
district over Graciosa Creek and con-
crete girder bridge over the same
creek in Section B of the 5th Road Dis-
trict. Separate bids are now being
taken for the construction of each of
these bridges. Plans, specifications
and full particulars of the work can
be secured from the County Engineer,
Santa Barbara. Bids will be opened
by the Board of Supervisors on No-
vember 3rd at 10 a. m. C. A. Hunt is
County Clerk.

HOSPITAL GROUP—1 and 2 story
and base, reinforced concrete \$110,000.
Norwalk, Los Angeles Co., Cal. Archi-
tect, State Architect George E. Mc-
Dougall, Sacramento. Owners, State of
California. Only preliminary plans
have been prepared for this group of
buildings and details are not available.
The tract on which these buildings are
to be erected covers an area of 30½
acres. Construction will be fireproof
throughout. Working drawings are to
be prepared as soon as the preliminary
sketches have received the approval of
the State Board of Control.

HOTEL—3 story and base, brick and
steel, \$150,000. Los Angeles, Cal. Ar-
chitects, O. P. Dennis and H. H. Hewitt,
Fay Bldg. L. A. Owner, L. D. Hines.
The building will be erected on Holly-
wood Boulevard near St. Andrews
Place. The building has been designed
in the shape of a letter H with extreme
dimensions of 150 by 150 feet. Inter-
iors will contain 150 guest rooms, 75 per
cent of which will have private baths.
Interior finish will be of pine and white
enamel. Hardwood floors will be used
in the hall ways. There will be steam
heat, elevator service and a vacuum
cleaning system. All bath rooms will
have cement floors and tile wainscot.
Exterior of the building will be faced
with buffed brick. Considerable mar-
ble and tile will be used. Plans are
being prepared and figures will be
called for at once.

HOTEL—1 story and base, brick and steel, \$35,000. Los Angeles, Cal. Architects, Richards-Neustadt Const. Co., Wright and Callender Bldg., L. A. Owner, N. E. Cramer, 200 Title Insurance Bldg., L. A. The building will be erected on North Los Angeles street covering an area of 67 by 73 feet. There will be a total of 72 guest rooms on the upper floors. First floor will contain, besides the hotel entrance, five stores. Interior finish will be of pine throughout. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, elevator service and a hot water system. Stores will have patent store fronts and plate glass windows. Some marble and tile wainscot will be used. Exterior of the building will be faced with pressed brick. Plans are in the hands of the owner who is taking subfigures on the various parts of the work.

HIGHWAY WORK, MATERIALS, ETC.—Cost not stated. Santa Barbara Co., Cal. Engineer, County Engineer, Santa Barbara, Owners, Santa Barbara County. Bids will be opened on November 3rd at 10 a. m. for furnishing all labor and materials, tools, etc., for the construction of 3,000 feet of highway. The work is to be done in the Fifth Road District. Plans and full particulars can be had on application to the County Engineer, Santa Barbara.

SCHOOL OF MUSIC—2 story and base, reinforced concrete, \$90,000. Claremont, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. The building, designed for a music hall, will be in the shape of a letter Y with a length of 260 feet and an average width of 15 feet. The main auditorium will seat 1,000 people. Besides the main auditorium plans provide for eight large studios and 16 practice rooms. Construction will be fireproof throughout with cement floors and roof slabs and hollow tile walls and interior partitions. Interior finish will be of pine and hardwoods. A central heating system and modern ventilating plant will be installed. Exterior will be faced with cement plaster. Plans will be out for figures within ten days.

SCHOOL—1 story and base, brick, \$35,000. Chino, San Bernardino Co., Cal. Architects, Withey and Davis, Story Bldg., L. A. Owners, Chino School District. The building will cover a large ground area and has been designed to contain 12 standard size class rooms, library and assembly hall. Interior finish will be of pine. Slate blackboards will be used. An automatic water heater will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

STORES AND LOFTS—5 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architect, George W. Harding, Washington Bldg., L. A. Owners, Kelow and Brown. The building will be erected at the corner of Boyd and Omar streets with a frontage of 65 feet on one street and 100 feet on the other. Upper floors will be arranged for light manufacturing plants like printers, etc. First floor will contain the office and plant of the owners. Construction will be fireproof throughout with a complete steel frame and exterior walls, floors and roof of reinforced concrete. Plans provide for elevator service vacuum cleaning system and mail chutes. Metal window

sash and doors will be used. Exterior will be faced with cement plaster. Plans are being prepared.

STORES AND THEATRE—1 story and base, brick and steel, \$35,000. Los Angeles, Cal. Architects, Austin and Pennell, Wright and Callender Bldg., L. A. Owners, H. L. McAllister and J. M. Dobbins. This work has been mentioned here before when plans were first started. The building will occupy a corner site and will contain a theatre seating 850 people and five stores. Interior finish will be of pine and hardwood. Considerable ornamental plaster will be used in the theatre. There will be cement floors, metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GREEK THEATRE—Reinforced concrete construction, \$150,000. Los Angeles, Cal. Architects, Heath & Grove, Tacoma, Wash., associated with S. Tilden Norton and Frederick H. Wallis, Title Insurance Bldg., L. A. Owner, City of Los Angeles. This structure will be erected in Vermont Canyon and is a gift to the city from Col. G. J. Griffith. The theatre will be built in a natural amphitheatre with sufficient seating area for 25,000 people. The present seating capacity of the theatre will be 10,000. A stage 200 feet in width and with complete dressing rooms and storage space for scenery has been provided. The classic style of architecture will be used. Exterior will be faced with artificial stone. Plans are being prepared.

ICE RINK—1 story and base, brick and steel, \$150,000. Los Angeles, Cal. Architect, Frederick Noonan, Wright & Callender Bldg., L. A. Owner's name withheld. The building will be erected at the corner of Grand avenue and Jefferson street covering an area of 175 by 425 feet. Besides the ice rink and ice making machinery there will be two stores and a moving picture theatre. A steel trussed roof covered with glass will be used. Interior finish will be of pine. Exterior of the building will be faced with pressed brick. Plans are nearly complete and bids will be called for within a week. Contract for machinery will be let separately.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, Class C construction, \$60,000. Los Angeles, Cal. Architect, Ferdinand Permentier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. Contractor, Milton A. Ely, 2516 Alcatraz street, L. A. Contract price, \$60,000.

HOTEL—12 story and base, brick and steel, \$350,000. Los Angeles, Cal. Architects, Parkinson and Bergstrom, Security Bldg., L. A. Owners, Hart Bros. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. The following work is not included in the contract: Plumbing, steam heating, elevators, power plant, ornamental iron, structural steel, mail chutes, marble and tile work, store fronts, terra cotta work, electric wiring, electric fixtures, painting, vacuum cleaning, ventilating and interior finish. Contract price not stated.

HOTEL—1 story and base, brick and steel, \$55,000. Los Angeles, Cal. Architects, Milwaukee Bldg. Co., Wright and Callender Bldg., L. A. Owners, Sidney Goldman and Charles Jacoby, Contractors, Milwaukee Building Co.,

Wright and Callender Bldg., L. A. Contract price, \$55,000.

POST OFFICE—2 story and base, Class A construction, \$184,216. Pasadena, Los Angeles Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor Eugene Schuler, Walpole, North Dakota. Contract price, \$184,216.

SEATTLE AND WASHINGTON.

THEATRE—2 story and base, reinforced concrete. Cost not stated. Seattle, Wash. Architect, J. A. Creutzler, New York Bldg., Seattle. Owners, Isis Land Co. The building will be erected on Broadway near Pine and will have a street frontage of 36 feet and a depth of 120 feet. There will be one store beside the theatre. Construction will be fireproof. Interior will be finished in pine and ornamental plaster. There will be steam heat and a modern system of ventilation. The main auditorium will have a seating capacity of 500 people. Exterior of the building will be faced with cement plaster. The general contract will not include heating, plumbing, electric work or interior decorating. Plans are complete and figures are being taken.

EXPOSITION PROGRESS.

Detailed Report Submitted By Director of Works.

Director of Works, Harris D. H. Connick, in a report submitted to President Charles C. Moore, of the Panama-Pacific International Exposition, on October third states:

Up to date, 41,176 feet of pipe for the high pressure water system has been laid.

In grading the Exposition site, the contractors are using 175 head of stock with the necessary scrapers, plows, wagons, etc. These are principally used in grading the drill ground and race track, Fine Arts Pool, Musical Concourse and Concessions road.

The service water supply system contract has been completed as has also the freight slip and approach. The hydraulic plant for operating the freight slip has also been installed.

There is every probability that the carpenter work on the Palace of Machinery will be completed within four weeks. The only work remaining to be done being the wall framing in the east and west entrances; wainscoting, partitions and mill work. Up to date, 7,260,000 board feet of lumber have been installed. All window frames are on the grounds and about half of them are set in place and ready for the glass.

Fifty per cent of the roof covering is in place and a corresponding amount of sheet metal work finished. Of the staff and plaster work, 6,000 square yards of plain surfaces has been completed. About one-third of the staff work has been set in place and that on the north end of the building is practically completed.

Three-fourths of the plumbing on the structure is finished and its total completion is a matter of a couple of weeks.

During the past month about 100,000 feet of the super-structure of the Educational Palace was erected. The wall and roof framing is under way.

Concrete work has been carried to the roof line and is about nine-tenths completed.

Approximately 75% of the columns and trusses are in place. The pile foundation contract for the Transportation Building has been completed.

About 90% of all the structure material of the Food Products Palace has been framed and most of the steel essential for assembling is on the grounds. Concrete work has been completed to about the floor line.

All lumber for the Agricultural Palace has been delivered and about 65% of all framing has been completed. Three fire stations are under construction and two of them are nearly completed.

The entire floor work on the Liberal Arts Building has been completed. The framing of the columns and trusses is about 60% completed, and practically all of the plumbing work below the floor line is finished.

The grading on the Exposition Auditorium site is completed and the only thing that remains to be done is the back filling. The structural steel is being shipped and 770 tons are now on the grounds.

The construction of a lath house has been completed. About 75% of the columns and trusses on the Manufacturers Building has been framed. The erection of the trusses and columns will be inaugurated within the next ten days.

About one million feet of lumber has been placed to date in the floor of the Varied Industries Building. The framing of the columns and trusses is proceeding with great activity.

In the construction of the Mines Building, 1,150,000 board feet of lumber has been installed to date and the framing of the columns and trusses has started and the concrete work is under way.

Ten pointing machines are being used in the Department of Sculpture in preparing the enlargements for beautifying the grounds and buildings.

The Government warehouses are now being removed and numbers one and two have been set up on a new site. Warehouse No. 4 has been raised and is now being moved to its new location.

Grading for the railway yards is progressing rapidly and the work of laying tracks has been carried on with such rapidity that this work will be completed at an early date.

All the architectural plans are now practically completed and the detail plans, which will be necessary, are being made in the general drafting room of the Service Building.

The preparing of the beds for lawn in the south gardens is practically completed. The lawn in the railway terminal yard is nearly ready for its first cutting.

Japanese honeysuckle and other vines have been planted along the fence of the Hospital Building in the Presidio. The work of bottoming and lifting eucalyptus, cypress, and acacias in Lobos Square has reached an advance stage, and are ready for removal.

THE WORLD'S LARGEST BUILDING.

Work has been commenced in New York on what is to be the world's record building, and one so large, so heavy and so costly it will probably remain the standard for some years to

come. The new Equitable building on Broadway, Nassau, Pine and Cedar streets will cost when completed close to \$30,000,000. It will weigh 203,000 tons, as against 103,000 for the Woolworth building, and will require 36,000 tons of steel, as against 21,000 tons used in the next largest structure. As a matter of fact, it will be virtually four separate buildings, each having separate shafts for electric wires, telephone wires and other devices. By this means, together with distinct systems of water tanks, it is hoped that in the event of fire in any one section the other three will be safely isolated.

RAILROAD'S BID ACCEPTED.

SACRAMENTO, Oct. 14.—The bid of the Southern Pacific Company for furnishing all labor and material in the reconstruction of the city levees from a point 500 feet south of the Sutterville Road to a point 9,500 feet northwesterly from Brighton for \$262,100 was accepted unanimously by the City Commission.

According to Commissioner Wilder, after deducting the cost of all items except strictly earthwork on the levees concerned, the cost will approximate 94 cents per cubic yard, which is a saving of 4 cents per yard as compared with the previous bid of the company.

CONSTRUCTION WORK ABROAD.

JAPAN.

New Central Railway Station at Tokyo.
The most elaborate railway station in the Far East, the new Central Railway Station, at Tokyo, will be completed next year at a cost of approximately \$1,400,000. The main building is 1,083 by 132 feet, and the station is being constructed on a centrally located 50-acre tract of land which will be decorated with Japanese gardens, fountains, etc.

Aside from 1,300 tons of structural steel, being less than half of the amount utilized in the frame work, and a quantity of tile, all the materials used in the construction of the new station are products of Japan, and include 7,500,000 bricks, 8,800 cubic yards of concrete, 60,000 cubic feet of granite, 26,000 barrels of cement 150,000 square feet of copper sheeting—which is used on the domes and in the roofing construction—and 200,000 cubic feet of lumber.

The building will be provided with 12 usual dining rooms, waiting rooms, etc., and provision may be made later for hotel accommodations. It is the intention of the Japanese authorities to have this station completed same time in advance of the coronation of the Emperor in October, 1914.

It is, of course, customary to give preference to Japanese-made products, price and quality being equal. In this instance the result is clearly a monument to the advance in the use of Japanese goods in Japan.

MEXICO.

New Electric Plant.
An electric light and power plant has been completed in Acapulco by E. Combs & Company, who purchased the equipment in Mexico City, except the poles, which came from San Francisco.

Its initial capacity is 2,000 lights of 16 candlepower. The municipality has contracted for lights for the streets. The company announces that the wiring and installation of lights will be installed free, but it appears that the high cost of the service will preclude a very general patronage. The cash-in-advance rates per month for lamps run from \$2 for a 16 candlepower to \$8 for 100 candlepower and \$25 for 400 candle power, with discounts of 5 per cent for 5 to 10 lamps, 7 per cent for 10 to 20 lamps, and 10 per cent for 20 to 50 lamps. However, the company will probably realize that a meter system will prove more popular. The new plant will provide a market, restricted at first, for many electrical devices. Correspondence should be in Spanish to the company named.

PANAMA.

Fire-Engine Building.
The National Government of Panama will erect an up-to-date two-story fire-engine building for the fire department at Colon, materials, concrete and wood, with galvanized iron roof; all sand and gravel used in the concrete must be obtained from the Chame locality and River Chagres, and all stone from Ancon. Plans and specifications may be seen at the Department of Public Works at Panama, to which office all bids must be sent accompanied by a receipt showing that \$100 gold has been deposited with the Treasurer General of the Republic, Panama. The work is to be done under supervision of the Government construction engineer and completed within 60 days. The contract must be approved by the President of the Republic, and no increase in amount called for in the contract will be permitted without permission from the Secretary of Public Works; and the contractor must deposit \$250 for fulfillment of the work.

PHILIPPINES.

Slipway for Manila.
Far Eastern shipbuilding interests are to be materially affected by the opening of new shipyards and a slipway of large size by the Ernschaws Slipways & Engineering Co. (Ltd.), on the inner basin of Manila Harbor. The new plant comprises an inclosure of some 33,000 square meters and has a complete outfit for handling vessels of any size up to 3,000 tons dead weight. The slipway projects 160 feet out of water, enabling it to make any of the vessels engaged in interland traffic and most of the vessels on the regular Hongkong-Philippine run, most of which have been coming heretofore to Hongkong for repairs. The plant is equipped with foundry, carpenter shops, and the like, and with machine shops with the latest appliances in the way of planes, lathes, drills, and other steel-manipulating devices; with a compressed-air plant for all kinds of drilling, riveting, caulking, and general service work; with hydraulic plants, electric and hydraulic cranes, and all similar conveniences. It is expected that the concern will care for the most of the shipping in the Philippines.

SOUTH AFRICA.

Bankens River Improvements.
Twice within the last half dozen years the Bankens River (ordinarily a small stream), which flows through valleys from the light country back of Port Elizabeth and has an outlet near

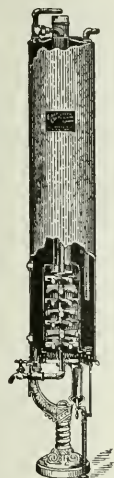
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the business center of the city, has been in flood with disastrous results. It has now been decided by the municipality to straighten the outlet and enlarge the existing channel to a width of 100 feet and an average depth of 11 feet. This channel will be 1,600 feet long and will have a concrete bottom.

The present bridge near the river outlet will be replaced by a single-span road bridge 128 feet long and 60 feet wide, carrying two lines of trams and built on the skew (crossing the river at an angle of 65 degrees to 75 degrees). The bridge will be constructed of steel with stone abutments.

If the plans of the town engineer are followed by the municipal council the work will be let in three contracts, one for the steel bridge itself, another for placing it in position, and a third for the stone abutments and concrete river bed. The total cost of these improvements is expected to approximate \$275,000.

ANNUAL INCOME FROM INHERITANCE TAX.

Few people realize what a benefit the inheritance tax department of the State Controller's office is to the taxpayers of California. And as the Legislature increases the department's powers and provides it with additional funds for the application thereof, this benefit will become more and more pronounced.

During the last three years the collections have been well in excess of \$1,000,000 annually. In two of the years exceeding a million and a half, as compared in the three years previous to from \$600,000 to a trifle over

\$900,000. Yet the cost of collections, proportionately, is little, if any, greater.

State Controller John S. Chambers has been given special attention to the work of the inheritance tax department with a view to increasing its efficiency. He is taking a personal interest in all the litigation involved and this week will appear in Los Angeles to take charge of the hearings in the estate of Ida Hancock Ross. This estate was appraised, in round numbers, at \$1,500,000, but as a result of investigations made by agents of Controller Chambers, he has become convinced that there is an under appraisal of at least \$3,000,000. He will now seek to have the appraisers revise their figures, and should they decline to do so, he will throw the matter into Court. If successful, the State will benefit to the extent of from \$50,000 to possibly \$200,000 in taxes, depending upon the amount of the increase finally secured.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.

The suggestion is made that all communications to consular officers be addressed

The American Consul,
At _____,
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Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11742, Plumbers' supplies and sanitary goods.—The demand in a European country for plumbers' supplies and sanitary goods of American manufacture has increased to a considerable extent during the last few years. Most of these goods, however, come through Germany and often reach the market as German goods. Local dealers are desirous of importing direct from the American manufacturers. Some of these dealers state that it is impossible to import American supplies, as all inquiries are referred to general European sales agents, who try by every means possible to sell European goods rather than American. An American consular officer has forwarded the names of three dealers who have made inquiries in regard to the lines of goods mentioned.

No. 11745, Resin.—A report from an American consular officer states that there is at present a considerable demand in a European country for resin for use in gas works, and paper factories, etc. A local business man is desirous of entering into negotiations with American firms that are able to supply this article.

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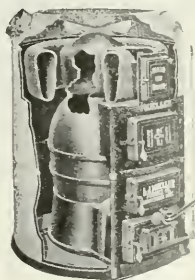
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Watsonite Co.

Mantels, Tiles &

Grates.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peelless Agencies
Co.
Tomson, J. W.
Watson Mantel &
Tile Co.
Marble and Mosaic
Work.
Gneco, M. H.
Hart & Co., P. M.
Mission Concrete
& Mosaic Wks.
Mission Marble
Works.
Musto Sons-Keen-
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New Era Marble
& Concrete Co.
Vermont Marble
Co.
Metal Lath.
Atlantic Fire-
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Berger Mfg. Co.
Lilley & Thurston
Co.
Roebbling Constr.
Co.
Waterhouse &
Price
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Supply Co.
Metal Stamping
S. F. Metal Stamp-
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Oil and Grease.
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Ornamental Plaster
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Lipp & Co., J. P.
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Baker Co., W. T.
Bernstein, Wm.
Blum Louis
Burns Bros.
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Doe Co., Frank P.
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—== THIS WEEK'S ILLUSTRATIONS: ==—

Sutter Hotel at Sutter and Kearny Streets,
San Francisco. Designed by Architect L.
B. Dutton, San Francisco.

New Apartment House For Samuel Henry
At Stockton. Designed by Architect
Glenn Allen, San Francisco.

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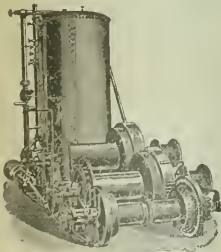
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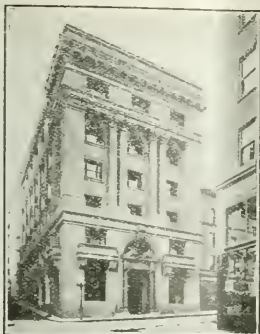
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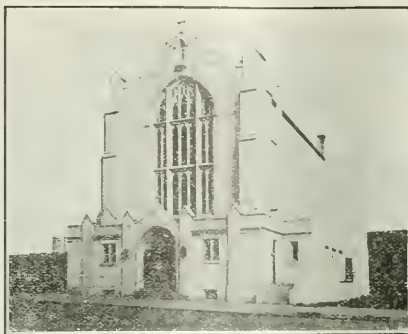
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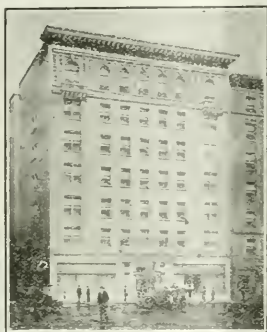
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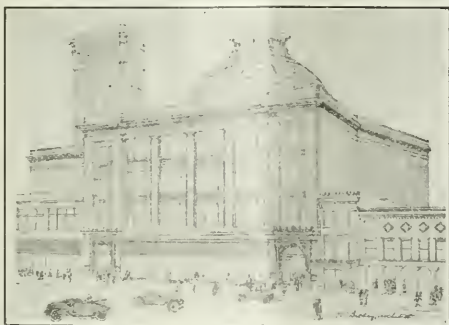
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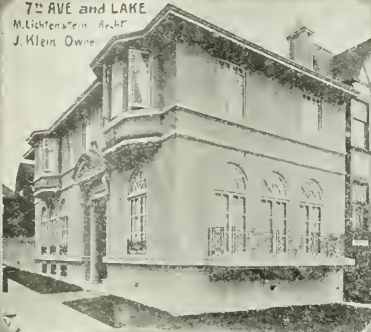
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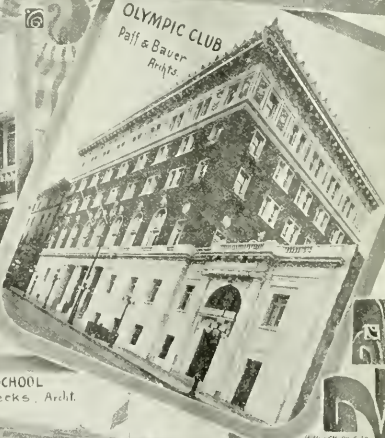
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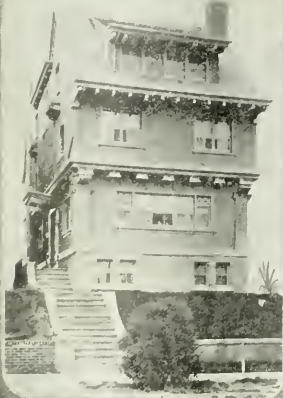
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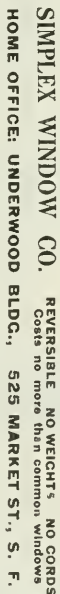
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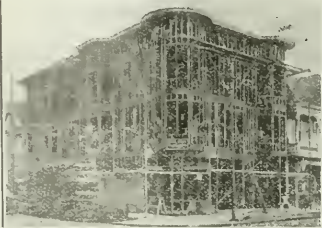
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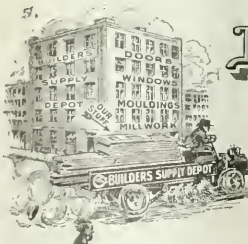
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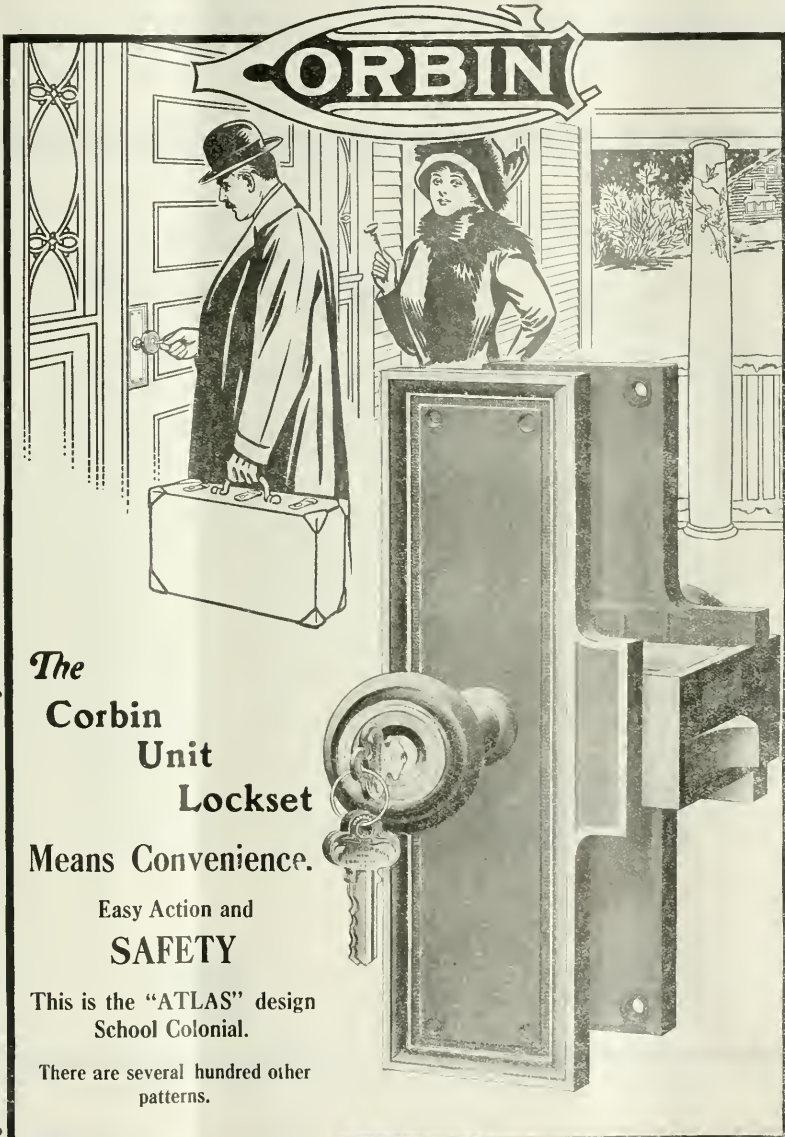
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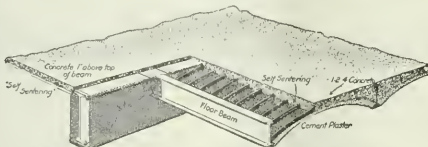
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Editorial Comment.

A peculiar incident showing how comparatively few people in a great city know even a public man, happened recently in New York City. Timothy D. Sullivan was perhaps the best known man in New York. Not only was he known in his own city but he was a national figure. He was the political boss of Tammany Hall and dispensed his charities and political favors to the lower classes and the general population of the slums of the East side district. No man was better known to the police or to the public generally. Yet when he wandered away from a Sanatorium and was killed by a freight train in a railroad yard his body was taken to the morgue and laid there for a week without being recognized. This too when the fact was known and published that he had escaped from the sanatorium. A policeman who had known big Tim in his lifetime chanced to go by and recognized him else he would have been buried in the potters' field in another day among the unknown dead. Thus was one of the most striking figures in New York City rescued from oblivion amongst the very people he ruled.

Timothy D. Sullivan was a lord in the feudal system that obtains in the political life of a great city. He was a big hearted political boss. He dispensed charity with open hand, looked after the welfare of his supporters and was the general arbiter of their fortunes. All he asked in return was for his henchmen to vote his ticket and by his system he was as much a ruler as any feudal lord of the middle ages. Perhaps this system is changing and in the passing of Big Tim the system itself will change.

Painting the town a lurid red, figuratively speaking, is a favorite occupation of the cowboy, the granger, and the sailor when he blows in from the range or the briny deep after a year's cruise in the nills or on the trackless ocean. The carmine color is usually in his brain, however, even though the ruddy hue of John Barleycorn and sometimes through the grate windows of the cooler. And while the buildings may glow in the night time because of the revels and the burning of electric lights the expression of painting the town red is still figurative and simply denotes a state of mind.

Scientists, however, have seriously considered the possibilities of painting the town a luminous color, not red necessarily, but with a paint that would give back the light absorbed from the rays of the sun during the daytime. The question of producing a phosphorescent

paint at a commercial price is one that is exercising the minds of inventors. The sulphides of calcium and strontium are known to possess the property of emitting light for a considerable time after having been exposed to brilliant sunlight.

Here in the west with its clear skies and brilliant sun why would it not be possible to paint the town with such paints that the walls would glow like fox fire in the dusk? In such a case a city could be seen like a jack'o lantern in the night and the dark alleys would be hiding places for no one.

Considering the lapse of time the last half century has progressed more rapidly than all record time before it. As an illustration it might be compared to the progress in transportation. Seventy or eighty years ago the first locomotive engines were in use and the first railroads in the world were built. The steamboat had been in use some years before. Now the railroad girdles the world, the whistle of the locomotive is heard in the profoundest solitudes and the great ships of commerce plow all the seas, in spite of wind or tide. The perfection of the gas engine has extended locomotive transportation to the wagon road. And even the inconstant air has been made a road of travel and the machine has perfected to such an extent that the birds are rivaled in their distant flights.

America has always led in railroad building. As an incident of locomotive building the following facts published in the Scientific American concerning the work of the Baldwin Locomotive works is illustrative:

"That a firm of builders should have recently completed its forty-thousandth locomotive bears testimony to the magnitude of the locomotive-building industry of this country. The Baldwin Locomotive Company, who have accomplished this feat, built their first locomotive in 1822. The one-thousandth was turned out from the works in 1861; and in 1880, the five-thousandth locomotive appeared. No. 10,000 was built in 1889, and No. 20,000 in 1902. It took only five years for the company to build its next 10,000 locomotives, and the present year sees the completion of the forty-thousandth, a fast passenger "Pacific" type. This locomotive has cylinders 26 inches in diameter by 26 inches stroke, 80-inch driving wheels, 4,525 square feet of heating surface, weighs 189,500 pounds, and has a tractive force of 38,300 pounds. It was built for the Pennsylvania Railroad."

And the difference in number of locomotives manufactured now and in 1881 just about compares with difference in style and efficiency of the engine.

PROTECTED MACADAM.

By E. H. Kellogg, C. E., Assistant City Engineer and Street Superintendent Of San Bernardino

Much has been written on oiled macadam paving and a wide range of experiment, more or less intelligent and more or less successful, has added much to our knowledge of a subject comparatively new,—new because the few years since its use began have sufficed only to eliminate the methods which were palpably wrong, and have not served to furnish the test of time to those which, by accident or design, have so far proved satisfactory.

Given the character and weight of traffic which prevailed eight or ten years ago, and there can be no reasonable doubt that the best types of construction as practised today would amply serve their purpose. As applied to the streets of interior cities, it is quite possible to predict that certain of them will never be subjected to the stress of heavy traffic, as the lines of such traffic will be governed by the shortest distance between termini and controlling gradients. Hence if a less costly pavement will serve for a period of years, with low cost of maintenance, the assessed property owners naturally incline to its adoption. The question to be answered by engineers in the selection of paving types have to do chiefly with the character of anticipated traffic and the needs of the particular street under construction. As a rule the traffic on the streets of a residential district, except such boulevards or main arteries as are certain to be used for heavy transportation, will be relatively light, and easily sustained by an inexpensive pavement. It would then seem unnecessary and burdensome to invest in the more costly types. Again, miles of such inexpensive improvement may be secured for a small city, which will improve sanitary conditions, abate the dirt and dust of a neglected street, raise the standard of civic pride through which homes are beautified, and the town as a whole will take its place in the progressive procession. Even such ultra cheap improvement as "gravel and oil," as such covering is now laid, may be used as that much better than nothing, and the investment is so small that the loss is negligible when more permanent construction proves necessary. In a general way the same is true of country roads which are off the main highways.

While the protected concrete road has been gaining in popularity in late years through the demonstration in Eastern states, and its adoption by the California State Highway Commission, it is far from proven that its increased cost is warranted, except for trunk lines, especially in Southern California where climatic conditions and abundance of the best material, specially lend themselves to the protected macadam. As Angeles County has now nearly 70 miles of this pavement, in the building of which the errors of early specifications have been discovered and eliminated as the idio-

syncrasies of material and treatment become better understood. It is noticeable that on this system, the macadam itself is everywhere intact,—the wearing surface only of the earlier construction proving defective.

In measuring the stress of traffic on these really remarkable roads, it must be remembered that the width was limited by state law to sixteen feet, which was supplemented by borders six or eight feet wide of oil and screenings, serving only for convenience of turning out. The weight of travel is therefore confined to a double eight foot strip which, with great width, would be more widely distributed. In other words, the tonnage per square yard is thus enormously increased. And yet many of these highways are carrying a staggering weight of travel successfully. Naturally, maintenance cost has been a large item for reasons now well understood, but as methods of repair work improve, these costs will decline.

The interior cities of Pasadena, Riverside, Redlands and San Bernardino present notable examples of oiled macadam, which under moderate stress have given great satisfaction with initial low cost and nominal cost of upkeep. In each of these cities the same mistake was originally made, namely that of excessive oiling,—a mistake now recognized and avoided. We now know that road oil, once covered with a closely hammered skin, does not bind the aggregates of the macadam, but remains indefinitely in a plastic condition, losing nothing of its volatile contents, and acting more as a lubricant than a binder. Latter day practice, therefore, aims at only just enough oil penetration to secure a good adhesion for the thin wearing surface. And this wearing surface is no longer a thick pad of oil and fine screenings, but is composed of coarse screenings rolled into two light spreadings of oil, the function of the latter being merely to hold the fragments of small rock in secure contact with the macadam base. The weight of moving loads is thus transmitted through the smaller to the larger stones and not through the elastic medium of the heavy oil pad. It is obvious that the maturing of such a pavement must be more rapid, and its enjoyment much sooner realized.

It would serve no good purpose to cite failures or refer to freakish experiments by ambitious but misguided engineers. In this, as in other branches of engineering, the wise man seeks the best examples of the best types and the why of each success. It sometimes happens that two streets have been paved under the same specifications, with the same material and under like weather conditions, and one of them will be excellent and the other poor. The reason most often lies in the personality and understanding of the contractor and inspector, or both. It may be that friction between contractor and city officers has destroyed

harmonious team work in one case and the work may have suffered for lack of patient and conscientious attention to details, or from wilful misinterpretation of specifications; in the other the opposite being true, the contractor gives rather more than less of required attention to detail with correspondingly good results. Inquiry in this direction is often illuminating.

It is not to be assumed that even with the large measure of success attained in the construction of oiled macadam pavements, we have reached the last word. There are too many earnest investigators in the field, and too many problems to be solved. But the net result of the work already done, and now being proved by service, is to establish the fact that no pavement of equal endurance under traffic conditions to which it is adapted or at so reasonable a cost, has been found.

The following abbreviated specifications with comments may serve to somewhat clarify an understanding of recent practice in the cities mentioned.

Foundation, brought to sub-grade, watered and rolled, until depressions are fully developed. These to be eliminated by harrowing and leveling, followed by second watering and rolling until a uniformly firm surface is secured.

In cases where the soil is sandy or otherwise unstable, it may be necessary to remove two or three inches from the surface and refill with material which will, under the roller, present a decently firm subgrade.

Macadam, up to and including six inches of compressed thickness, one course of "crusher run" rock, 1 inch to 3 inches, is evenly spread, allowing twenty-five per cent for compression, and one-half inch for wearing surface. Roll dry until a fairly uniform surface is secured, cover with dry limestone screenings three-eighths inch to dust. Roll and brush, adding screenings as the first application disappears until the voids in the rock are completely filled. Water freely until the fine dust is thoroughly wet. Roll until no motion of surface rocks under the roller can be detected. During this rolling the trained inspector will search for the slight depressions which will inevitably develop, and correct them by additions of small rock, to be again rolled.

The surface will then be swept with steel brooms to remove surplus of screenings. This must leave tops of macadam stones prominently exposed, and the spaces between them irritated for the better penetration of the oil.

Wearing Surface. It has been found that the best road oil is that, which by treatment, has an asphalt content of 90 per cent or better. This when heated to 250 or 275 degrees becomes sufficiently fluid for spraying. A total of one gallon per square yard is the outside limit of quantity, six-tenths going into the first application. Power spreaders, drawn by the roller, are used, the roller giving uniform speed

and straight drives, neither of which can be attained with teams. Several hours before applying the oil, the surface should be lightly sprinkled to remove all traces of dust. Oil should only be applied in warm weather and after spreading should lie uncovered two or three days to encourage penetration and escape volatile matter, cover with a half inch of No. 3 (¾-inch to ¾-inch) screenings. Roll until the small rock fragments are driven into the oil which fills the space between exposed rocks of the base. Brush over of surplus, sprinkle lightly, apply four-tenths gallon of oil, cover with a liberal spread of No. 3 screenings and roll to a finish. The surface should now, if swept clean of surplus screenings, present a mosaic appearance with small stones embedded in oil. In hot weather, however, the uncombined oil will "sweat" to the surface, and drifting under traffic over the stones, give a result hardly to be distinguished from sheet asphalt except in its greater elasticity and freedom from noise.

During its first summer it will require attention to prevent a tendency to stickiness through "sweating." But proper care and judgment have been used in laying the wearing surface, and little if any trouble need be anticipated.

The question of endurance of such a wearing surface cannot yet be determined, as none has been in service long enough. In Pasadena, one street carrying a moderately heavy traffic has a record of seven years without repairs of any kind. Riverside shows several streets four and five years old with no maintenance charges against them. Redlands and San Bernardino now examples two to four years old with like records. It is estimated that complete re-coiling with say half a gallon of oil per yard will not be necessary under ten years, and possibly more.

The stability of the macadam base constructed substantially as above described depends on the complete filling of the voids in the rock with a highly cementitious material, and such thorough rolling, after wetting, that each stone is driven to its final resting place. Thereafter the strains resulting from moving vehicles, being less than those resulting from the roller, cannot disturb the positions of individual stones, which might easily result in the weakening of the surrounding mass. Therefore stinging rolling must be avoided.

In Riverside and San Bernardino the best results have been attained with limestone, chiefly because slab shaped fragments are more easily broken, with a consequent reduction of voids, and the grinding of the stones together under the roller produce a certain quantity of the desired lime dust filler. Scarcely inferior results have been obtained from hard rock. For the wearing surface hard rock No. 3 screenings are preferred, as likely to hold up somewhat longer.

A reasonable deduction from the foregoing is that well laid oiled macadam is "good for what it is good for." It has its honorable place in the scheme of street improvement, and its low initial cost and light cost of maintenance appeals strongly to the majority of people who must be assessed to pay for it.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel. \$30,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, M. S. Show. The building will be erected on the north side of Bush street west of Hyde covering an area of 34 feet 5 inches by 124 feet. The building will contain 16 suites of two and three rooms each with private baths and wall beds. Interior will be finished in pine and elm panels. Hardwood floors will be used in the halls and entrances. There will be steam heat, automatic elevator and a hot water system. A vacuum cleaning system will also be installed. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick and artificial stone. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 2 story and base, frame, \$7,500. Architect, J. W. Plachok, 1424 Spring street, Berkeley. Owner, Dr. J. H. Wood. The building will be erected on Russell street at the corner of Hillegass and has been designed to contain four suites of three rooms and bath each. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a central heating system, probably furnace heat. Each living room will have an open fire place and tile mantel. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house, 2 story and base, brick, \$2,500. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner's name withheld. The building will contain three suites of four rooms and bath. Interior will be finished in pine throughout. All suites will have wall beds. Hot water will be supplied in all rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

PORTERVILLE, TULARE CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect Benj. G. McDougal, Sheldon Bldg., S. F. Owner, V. D. Knapp. The building will be erected on a corner site and has been designed for stores on the first floor and a number of two and three room suites on the second floor. Interior finish will be of pine throughout. Plans provide for a central heating system and hot water supply. All suites will have wall beds and private bath rooms. Stores will have plate glass windows in patent store fronts. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

FIRE HOUSES AND JAILS.
SAN FRANCISCO—Fire house, 1 story and base, reinforced concrete. \$20,000. Architect, Asst. State Engineer, Perry Bldg., S. F. Owners, State of California. Bids opened by the State Board

of Harbor Commissioners on October 22nd for the construction of the fire house and roundhouse which is to be erected on Sea Wall Lot No. 8 show Tierslau Bros. low at \$19,324. A contract for the work has been awarded to them. A complete list of all figures received appear under the heading of San Francisco in this issue.

SAN FRANCISCO—Apartment house alterations, 2 story and base, frame, \$3,500. Architects, Smith & Stewart, 24 Kearny street, S. F. Owner, Sidney Pringle. This work will consist of rearranging the present two story flat building at the corner of Sacramento and Spruce streets into four modern four room apartments. There will be new plastering, plumbing, electric work, interior finish and painting. Wall beds will be used. Exterior will not be altered. Plans are being prepared for the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic streets, S. F. The building will be erected at the northeast corner of Masonic and Grove street and will cover an area of 25 by 72 feet. Interior has been arranged for six modern apartments of four rooms and bath. Finish will be of pine and elm panels. Oak floors will be used in the living rooms. There will be wall beds and private baths. Hot water system will be installed. Composition floors and tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

CHURCHES.

ANAHEIM, ORANGE CO., CAL.—Mausoleum, 1 story reinforced concrete. \$50,000. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owners, Pacific Mausoleum Co., 262½ East Center street, Anaheim. Plans and specifications may be obtained either at the office of the company or the architect. Bids must be submitted to the secretary, C. O. Culp, at the company's office at Anaheim by Saturday, Nov. 1, 1913. The building will be reinforced concrete with marble trim; will contain 300 crypts. Design is in the classic style.

FACTORIES & WAREHOUSES.

SACRAMENTO, CAL.—Packing plant, 3 story and base, reinforced concrete. Cost not stated. Architects, Seadler & Boen, Forum Bldg., Sacramento. Owners, Swanston Packing Co. This work was mentioned here sometime ago when plans were first started. The building will be erected in the Haggin grant and has been designed for one of the most modern packing plants in the west. Construction will be fireproof throughout with exterior walls, floors and roof slabs of reinforced concrete. There will be metal window sash and frames. Special machinery will be used. Office portion of the building will be finished in pine and hardwood. Ex-

terior will be faced with cement plaster. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Warehouses, 2 3-story and base, reinforced concrete. \$160,000. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans for the two large fireproof warehouses which are to be erected at Fort Mason have been completed and are now out for figures. Each building will cover an area of 60 by 200 feet, and will be carried on pile foundations. There will be concrete floors designed to carry loads of 500 pounds to the square foot. Interior will be finished in pine. There will be two extra large elevators in each building. Metal window sash and frames are specified. Automatic sprinklers will be used. Exteriors will be faced with cement plaster. Roofs will be of red clay tile. Plans and specifications can be secured from the office of the Constructing Quartermaster. Bids will be opened on November 21st. Official proposals appear in another column of this issue.

LOS ANGELES, CAL.—Warehouse addition, 4 story and base, Class A construction. Cost not stated. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Lyon Fireproof Storage Co. The building will be erected on property adjoining the company's present building on Vermont avenue near Washington street and will cover an area of 50 by 145 feet. Construction will be fireproof throughout, with reinforced concrete walls, floors and roof slabs. Interior will be finished in pine and metal trim. There will be elevator service and steam heat. Metal window sash and frames and fireproof doors are specified. An automatic sprinkler will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared

will be two flats of five rooms in each building. Interiors will be finished in pine with some veneer hardwoods and oak floors. Open fire place and tile mantel will be used in the living rooms. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and brick veneer bases. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architects, Zanolini and Jewett, 604 Montgomery street, S. F. Owners, G. and P. Oppici. The building will be erected on the west side of Grant avenue north of Greenwich, covering an area of 22½ feet by 53 feet 9 inches. Each flat will contain five rooms and bath. Interior will be finished in pine throughout. Some oak floors will be used. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Terrazzo and tile will be used in the entrance vestibule. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, John Carson, Bacon Bldg., Oakland. Owner, A. C. Brill. The building has been designed to contain four modern flats and will be erected on Filbert street south of 12th. Interior finish will be of pine and redwood with some veneer hardwood. Oak floors will be used in the living rooms. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FIRE HOUSES AND JAILS.

Contracts Awarded.

SANTA ROSA, SONOMA CO., CAL.—Jail, 2 story and base, reinforced concrete. \$14,900. Architect, J. W. Doherty, Royal Insurance Bldg., S. F. Owners, Sonoma County. Contractor, James Furlong, 663 Fillmore street, S. F. Contract price, \$14,900.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,500. Architect, Charles J. Rousseau, 16 Kearny street, S. F. Owner's name withheld. The building will be erected in the Richmond District and has been designed to contain two residential flats of five and six rooms. Interiors will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base frame, \$1,000 each. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic avenue, S. F. These buildings will be erected on the south side of Grove street west of Central avenue and each will have a frontage of 25 feet and a depth of 56 feet. There

GARAGES.

Contracts Awarded.

FRENO, FRESNO CO., CAL.—Garage, 1 story and base, reinforced concrete. \$17,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Contract price, \$17,000.

GOVERNMENT WORK AND SUPPLIES.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Mare Island, Kitchen, November 1.
John Douglas Co., Washington, D. C.
Specification Soap and Oil Co., 801 Greenwich street, New York City.
Pearl Harbor Coal Plant, November 1.
Belmont Iron Works, Philadelphia, Pa.
Treadwell Construction Co., Midland, Pa.
Puget Sound Bridge and Dredging Co., 133 Monadnock Building, San Francisco, Cal.
Pearson Construction Co., Seattle, Wash.
Phoenix Bridge Co., Philadelphia, Pa.
Ritter-Conley Co., Pittsburgh, Pa.
McIntire-Marshall Construction Co., Pittsburgh, Pa.
Pennsylvania Steel Co., Steelton, Pa.

San Francisco Bridge Co., San Francisco, Cal.

Worden-Allen Co., 2 Rector street New York City.

Share & Triest Co., New York City
U. S. Steel Products Co., 30 Church street, New York City.

McMyler Interstate Co., Bedford, Ohio.

Neumeyer Diamond, 82 Beaver street, New York City.

Carnegie Steel Co., Philadelphia, Pa.
Hamilton & Chambers, 29 Broadway, New York City.

Penn Bridge Co., Beaver Falls, Pa.
King Bridge Co., Cleveland, Ohio.

Des Moines Bridge and Iron Co., Curry Building, Pittsburg, Pa.

Pearl Harbor Ice Plant, November 1.
Hamilton & Chambers, 29 Broadway, New York City.

Pearl Harbor, Generator Set, November 8.

H. McCay, Equitable Building, Baltimore, Md.

Fairbanks, Morse & Co., 30 Church street, New York City.

Taunton-New Bedford Copper Co., Taunton, Mass.

Ideal Electric Manufacturing Co., Mansfield, Ohio.

Frank Adam Electric Co., St. Louis, Mo.

Cracker-Wheeler Co., Baltimore, Md.

Western Electric Co., 463 West street, New York City.

General Electric Co., Schenectady, N. Y.

Le Barron B. Johnson, 316 W. 42d street, New York City.

Pearl Harbor Tank and Tower, November 15.

W. E. Caldwell Co., Louisville, Ky.

Wm. Grava Tank Works, East Chicago, Ill.

Petroleum Iron Works, Sharon, Pa.

Reeves Bros. Co., Alliance, Ohio.

Des Moines Bridge and Iron Co., Pittsburg, Pa.

Struthers-Wells Co., Warren, Pa.

Warren City Tank and Boiler Co., Warren, Pa.

Chicago Bridge and Iron Works, Chicago, Ill.

Treadwell Construction Co., Midland, Pa.

Ritter-Conley Manufacturing Co., Pittsburgh, Pa.

Wm. B. Scoffe & Son Co., 1133 Broadway, New York City.

Tippett & Wood Co., Phillipsburg, N. J.

The Kennicott Co., American Exchange Bank Building, Chicago, Ill.

Dover Boiler Works, 50 Church street, New York City.

Standard Boiler Plate and Iron Works, Niles, Ohio.

Chicago Bridge and Iron Works, Chicago, Ill.

Carnegie Steel Co., Pennsylvania Building, Pittsburgh, Pa.

Midland Bridge Co., Kansas City, Mo.

Puget Sound, Officers' Quarters, October 18.

Wm. Concanon Co., San Francisco, Cal.

A. L. Guldene & Co., 131 E. 23d street, New York City.

J. L. Murphy & Son, Tekoa, Wash.

Canal Administration.

Until the commerce of the world actually is flowing smoothly through the Panama Canal no change in either the operation of the big ditch or in the government of the Canal Zone will be made.

It developed also that through this vision President Wilson planned to pay a delicate compliment to the men who have accomplished the herculean task of joining the oceans by giving them the opportunity to enjoy the fruition of their labors. Congress has provided for a civil government for the zone, but for the time being its control will be left to the Isthmian Canal Commission and the Army engineers.

Secretary Garrison and Col. George V. Goethals, the genius of the canal, have made considerable progress in formulating a plan of government and operative administration.

The secretary and Col. Goethals, however, share the belief that there is no imperative necessity to put the operation of the canal into civilian hands as soon as it is open to traffic, an opinion in which President Wilson shares.

The canal commission has ample authority to proceed with the operation of the waterway and, in the opinion of Secretary Garrison, it will be intelligently done by the present administration of the zone.

Walla Walla, Wash., Furniture.

The following bids were received by the supervising architect, Treasury department, Washington, D. C., for furniture for the U. S. post office, Walla Walla, Wash.:

Jacob Beltzel & Son, York, Pa., \$1,685; 95 days.

Furnas Office & Bank Furniture Co., Indianapolis, Ind., \$2,485; 95 days.

Louck & Hill Co., Richmond, Ind., 1,969; 95 days.

Federal Equipment Co., Carlisle, Pa., 2,245.90; 95 days.

John E. Sjostrom & Co., Philadelphia, Pa., \$2,650; 95 days.

Commercial Cabinet Co., Chicago, Ill., 3,410; 95 days.

Pasadena, Cal., Post Office.

The contract for the construction, complete, of the U. S. post office, Pasadena, Cal., has been awarded to Eugene Schuler, Santa Barbara, Cal., at \$179,000; plus alternate A, substituting Keene cement for hard plaster in connection with all walls, \$1,471; alternate 5, painting plaster surface of finished rooms, \$2,775, and substituting birch stain mahogany for California eudwood, \$1,000; total amount, \$184,446.

HALLS AND SOCIETY BUILDINGS.

LOS ANGELES, CAL.—Club house, 3 story and base, brick. Cost not stated. Architects, Hunt and Burnes, Laughlin Bldg., L. A. Owners, Automobile Club of Southern California. The building will be erected on Figueroa street south of Pico and will be designed in the classic style. Interior will be arranged for large social rooms, library, ball room and banquet hall. Interior finish will be of pine and hardwoods. Hardwood floors will be used throughout. There will be steam heat and large open fire places. Mantels will be of brick and tile. Elevator service and dumb waiters are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

FILLMORE, VENTURA CO., CAL.—

Lodge hall, 2 story and base, reinforced concrete. Cost not stated. Architect, Homer Glidden, Wright and Callender Bldg., L. A. Owners, Masonic Temple Association of Fillmore. The building will be erected on Central avenue having a frontage of 50 feet. There will be two stores on the first floor and upper floors will be arranged for lodge rooms, offices and a large auditorium. Interior will be finished in pine and hardwood. Maple floor will be used in the auditorium. Furnace heat is specified. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

HOSPITALS.

LOS ANGELES, CAL.—Hospital, 5 story and base, reinforced concrete. \$100,000. Architects, Garrett and Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson. The work has been mentioned here before. The 1st floor will contain an office, directors' room, ward, eight private rooms, baths, toilets, and a sun room, and the two upper stories will each contain eleven private rooms, general ward, diet kitchen, toilets and baths. The fifth floor will contain three operating rooms, sterilizing room and special surgical departments. The basement will be occupied by a dining room, kitchen, pantry, laboratory, laundry, and refrigerating rooms; and the cellar will contain the furnace rooms and storage department. There will be tile and marble entrance, tile floors in corridors and bath rooms, 1 freight and 1 passenger elevator, plate glass, steam heat and vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTELS.

BURLINGAME, SAN MATEO CO., CAL.—Hotel, 3 story and base, reinforced concrete. \$50,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, J. H. Hatch, Burlingame. The building will be erected on San Mateo Drive near the business center of the city and will cover an area of 60 by 100 feet. First floor will contain a large lobby, office, public dining room and ladies' and gentlemen's parlors. Upper two floors have been arranged for a total of 75 guest rooms nearly all of which have private baths. Interior finish will be of pine and hardwoods. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, an automatic elevator, hot water supply and vacuum cleaning system. Exterior will be faced with cement plaster. Plans are being prepared.

PETALUMA, SONOMA CO., CAL.—Hotel and stores, 3 story and base, brick and steel, \$66,000. Architect, Brainard Jones, Petaluma. Owners, Petaluma Development Co., E. J. Dole, Attorney, Prince Bldg., Petaluma. The building is to be erected at the southeast corner of Washington and Kentucky streets, one of the city's principal business corners. First floor will contain six stores besides the hotel entrance, lobby and office. Upper floors will be subdivided into about 70 guest rooms and a number of baths. Interior will

be finished in pine and some hardwoods. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, running hot and cold water in all rooms and a vacuum cleaning system. Stores will have large plate glass display windows and patent store fronts. Exterior will be faced with pressed brick. Working drawings are being prepared.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel, \$110,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Friedman Realty Co. The building will be erected at the southwest corner of Clay and 16th streets covering an area of 60 by 100 feet. There will be stores on the first floor besides a large hotel lobby and office. Upper floors will be arranged for a large number of hotel rooms and baths. There will be a complete steel frame, exterior walls of brick, faced with pressed brick and terra cotta. Floors and interior partitions will be of fire-proof construction. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service, hot and cold running water in all rooms and a vacuum cleaning system. Metal window sash and frames will be used. All bath rooms will have composition floors and tile wainscot. Plans are complete and figures are now being taken.

SAN DIEGO, CAL.—Hotel, 6 story and base, reinforced concrete. \$150,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, Dr. Fred Stauffer, Salt Lake City. Construction will be of reinforced concrete throughout, walls, floors and roof slabs. Interior partitions will be of hollow tile. Entire first floor will be devoted to the main office, lobby, public dining room and parlors. Upper floors will contain in the neighborhood of 135 guest rooms and 68 baths. A large restaurant will be located in the basement. Interior finish will be of pine, hardwood and white enamel. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with cement plaster. Metal window sash and frames are specified. Plans are now nearly complete.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponet. The building will be erected at the northeast corner of Pico and Hope streets, covering a large area. There will be six stores besides the hotel lobby on the first floor. Upper floors will contain 120 rooms and a number of public and private baths. Interior finish will be of pine and hardwood. Bath rooms will have composition floors and tile wainscot. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. Metal window sash and frames will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architect, George P. Costerlan, California Bldg., L. A. Owner, Charles E. Murray. The building will be erected on Olive street near 8th and will contain a number of stores on the first floor. The structure will cover an area

of 60 by 165 feet with a wing 60 by 70 feet. Upper floors will be arranged for a total of 120 guest rooms about fifty per cent of which will have private bath. Interior finish will be of pine and hardwood veneer. Some oak and tile floors will be used. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Metal window sash and frames and patent store fronts are specified. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick and artificial stone trim. Plans are now being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Plumbing, sewers, and hot water system. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the installation of the sewers, plumbing, gas and water pipes and the hot water system in the Horticulture Building have been completed and are now out for figures. Bids will be opened on November 6th at 11 a. m. Plans can be secured from the Director of Works, Service Building. An official proposal appears in another column of this issue.

POST OFFICES.

HILO, HAWAII—Postoffice, 2 story, mezzanine and base, reinforced concrete. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for the new federal building to be erected in Hilo have been completed and figures will be opened on January 15th. The building is to cover approximately 12,000 square feet of ground area and will be fireproof throughout. Interior finish will be of native woods, pine and metal trim. Tile and concrete floors will be used. There will be a central heating system and a vacuum cleaning plant. Plans can be secured from the Supervising Architect at Washington, D. C. or from the Custodian of the site at Hilo. An official proposal appears in this issue.

ALBANY ORE.—Postoffice, 2 story and base, stone, brick and steel. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for a new federal building at Albany have been completed and forwarded to this coast for figures. The building is designed in the classic style and will cover an area of approximately 4,700 square feet. There will be a complete steel frame, exterior walls of brick, cut stone and terra cotta. Interior partitions will be of metal lath and hollow tile. A steam heating system and a vacuum cleaning plant will be installed. Interior will be finished in pine and hardwoods. Bids will be opened on November 26th. Plans can be secured from the Supervising Architect at Washington, or from the Custodian of the site at Albany. An official proposal appears in another column of this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, rframe, \$6,000. Architect, none. Owners, Pockman & Co., 13th

avenue and Balboa street, S. F. The house will be erected on 13th avenue near Balboa street and has been designed to contain: seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence 2 story and base, rframe, \$5,000. Architect, none. Owner, Thomas Cullen, 24 Kearny street, S. F. The dwelling has been designed for a seven room house with bath and will be erected on Cabrillo near 4th avenue. Interior finish will be largely of pine with some elm panels in the dining room. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete. Work will be done by Day Labor. All materials are now being purchased by Mr. Cullen.

SAN FRANCISCO — Bungalow, 1½ story and base, frame, \$3,000. Architect, William C. Gilligan, 1655 12th ave., S. F. Owner, Mrs. Lucy O'Brien. The house has been designed to contain six rooms and bath and will be erected on the south side of Lawson street west of 11th avenue. All interior finish will be of pine. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. Ginley, 131 5th avenue, S. F. The house has been designed for a six room dwelling and will be erected on the west side of 9th avenue north of Clement street. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the two principal rooms and in the reception hall. There will be open fire places and an automatic water heater. Mantels will be of brick or tile. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster and shingles. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, William C. Gilligan, 1655 12th avenue, S. F. Owner, Mrs. Vlautin. The house will be erected on a large lot on 11th avenue north of K street and will contain six rooms and bath. A private garage will be erected on the rear of the same lot. Interior finish will be

of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and will be ready for figures within a week.

SAN FRANCISCO—Residence, 2 story and base, brick and stone, \$60,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, E. Sheldon Porter. This work has been mentioned here before when plans were first started. The dwelling has been designed in the Tudor style and will be erected on a lot having an 80 foot frontage. Interior will be handsomely finished in pine, French walnut and Siberian oak. A central heating system, vacuum cleaning and other modern conveniences are specified. Bath rooms will be finished in tile. Exterior of the house will be faced with pressed brick and cut stone. Plans are complete and figures are being taken.

SAN FRANCISCO — Bungalows, 4 1-story and base, frame, \$3,000 each. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. These houses will be erected on the north side of Persia street west of Vienna and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile and brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic, shingles and shiplap. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence alterations, etc., 2 story and base, frame, \$4,000. Architect, none. Owner, J. V. Leonard, 126 Stockton street, S. F. This work will be done at the dwelling situated at 1920 Valjejo street and will include new interior finish, hardwood floors, a modern heating system, plastering, plumbing and electric work. A large brick mantel will be installed. Plans are in the hands of the owner and he is letting subcontracts on the work.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman and Bro., 742 Market street, S. F. The house will be erected on 24th avenue near Lincoln Way and will contain six rooms and bath. Interior finish will be of pine and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, T. A. Morris, 616 9th avenue, S. F. The house will be erected on the east side of 12th avenue south of Anza street. Interior finish will be largely of pine. Hardwood floors will be used in the principal

rooms. There will be a large open fire place and brick mantel in the living room. Tile wainscoting will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic, cement plaster on metal lath and will have a brick veneer base. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, C. M. Charruau. The dwelling will be erected in Northbrae and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of plaster and brick. Tile wainscot will be used in bath room, and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, F. R. Peake Co., 2127 University ave., Berkeley. The dwelling, designed for a seven room house, will be erected on Colusa avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with shingles. Plans are in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. Reynard. The house will be erected on Kales avenue and will contain five rooms and bath. A private garage will also be erected on the lot. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,500. Architect, George Anderson, 6046 Lawton avenue, Oakland. Owner, T. Anderson. The dwelling will be erected on Lawton avenue near Broadway and will contain eight rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story

and base, frame, \$5,000. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, Mrs. Burellius. The dwelling will be erected at the corner of Hyde and Lombard streets and has been designed to contain seven rooms, bath and a large billiard hall. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for a Recor system of heating and a domestic hot water system. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

EAST OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, W. C. Cooper. The dwelling has been designed for a seven room house and will be erected in Fourth Avenue Heights. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. There will be open fire places. Mantels will be of brick and tile. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, H. C. Pfang, 5359 Shafter ave., Oakland. The dwelling will be erected on Fresno street near Solano avenue and has been designed for a six room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RIVERBANK, STANISLAUS CO., CAL.—Residence, 1 story and base, frame, \$2,500. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner's name not given. The house will contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: W. J. Nutter, 113 East Acadia street, Stockton, 1 story and base frame dwelling, \$2,500; B. Cassidy, 186 East Washington, Stockton, 1 story frame dwelling, \$1,000; Mrs. M. L. Rule, 1221 East Channel street, Stockton, 1 story frame dwelling, \$2,881; and H. W. Johnson, 423 Mariposa street, Stockton, 1 story and base, frame dwelling, \$1,900.

SACRAMENTO—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: C. H. Chatterson, 3126 T street, Sacramento, 2 1-story and base frame dwellings, \$2,600 each; Morrell & Clark Const. Co., Sacramento, 2 story and base frame dwelling, \$4,500; E. A. Pierce, 2526 Park avenue, Sacramento, 2 1-story and base, frame dwellings, \$2,700 each, and Frank P. Williams, 3117 7th avenue, Sacramento, 2 story frame residence flats, \$6,500.

SAN FRANCISCO—Residences, 2 2-story and base, frame, \$5,000 each. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. These dwellings will be erected on the north side of Lake street west of 19th avenue, and have been designed to contain seven rooms and baths. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

Contracts Awarded.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, Mr. Gettmev. Contractor, L. J. Deibel, Berkeley. Contract price not stated.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—University Work—Department addition and swimming tank, reinforced concrete construction. Cost not stated. Architect's name not given. Owners, University of California. The Regents of the University of California have voted \$25,000 to construct an addition to the Woman's Gymnasium, also a building to house the department of drawing and design, estimated cost not stated, and an outdoor swimming pool for women. The latter will be 40x70 feet and of reinforced concrete. Further mention of this work will be made when plans are completed and figures called.

OAKLAND, CAL.—School, 2 story and base, Class A construction, \$150,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids for this work have been taken, under advisement by the Board of Education. Seven alternate propositions were considered. A complete list of the figures appears under the heading of Oakland and Alameda County in this issue.

GLENDALE, LOS ANGELES CO., CAL.—School buildings, 2 2-story and base, brick and steel, \$75,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Glendale School District. One of these buildings has been designed for a manual training school and the other for a domestic science building. Architectural design and construction will be similar to the present buildings with pressed and sandstone brick facing, and artificial stone trim. Interior fin-

ish will be of pine with maple floors. There will be a modern system of heating and ventilation. Programme clocks and vacuum cleaning system will be installed. Plans for the work are now being prepared. Bids will be called in the course of two or three weeks.

LONG BEACH, LOS ANGELES CO., CAL.—Schools, 4 2-story and base, brick. Cost not stated. Architect, A. Furness Sturges, Story Bldg., L. A. Owners, Long Beach School Association. The Board of Education of the Long Beach City School District will receive bids up to 7:30 p. m. of Thursday, November 10, 1913, for the erection of four brick school buildings in the city of Long Beach. The buildings are designated and will be located as follows: No. 1 at the corner of Olisco Ave. and Elliot street; No. 2 at the corner of State street and Termino avenue; No. 3 at the corner of State street and Temple avenue. and No. 4 at the corner of Alamitos avenue and 11th street. Separate bids will be taken on the general contract, plumbing, electric wiring and heating and ventilating. All contractors will be required to submit a lump sum bid for their work on buildings Nos. 1, 2 and 3, and also separate bid for each building individually. The bids for building No. 4 are to be submitted separately. Bids must be submitted in accordance with the terms of the official proposal.

Contracts Awarded.

SUISUN, SOLANO CO., CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Suisun High School District. Contracts for the construction of this building have been awarded as follows: General construction to Peterson & Wilson at \$63,246, which figure includes the plumbing, heating and ventilating, and vacuum cleaning awarded to the Pacific Blower and Heating Co. at \$5,885, and the program clock system to the Standard Electric Time Co. at \$1,224. A complete list of all figures opened appears under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores, 1 story and base reinforced concrete, \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Malcom, Jacobs & Burtt. The building will be erected on the north side of Washington street east of Davis, abutting a frontage on Washington street of 40 feet and a depth of 120 feet. Construction will be of the Class C type, foundations being carried on sown construction. There will be cement floor and metal window sash and frames. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Stores, 1 story and base, Class C construction, \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Waterfront Realty Co., S. F. The building will be erected at the corner of Washington and East streets, and has been designed to contain several stores and a large saloon. Interior will be finished in pine throughout. A cement floor will be used. Metal window sash and frames are specified. Exterior will be faced with cement plaster. Plans are con-

plete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores and lofts, 3 story and base, brick and steel. \$25,000. Architect's name not given. Owner, Peter Morengo, 26 South Center street, Stockton. The building will be erected on Lots 15 and 16, Block 29, and has been designed for stores on the first floor and lofts above. Interior will be finished in pine throughout. There will be metal window sash and frames. An automatic sprinkler system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base, Class C construction. Cost not stated. Architect, Harold Cross, Consolidated Realty Bldg., L. A. Owners, Lyon, McKinney and Smith. The building will be erected on South Hill street and will have a frontage of 60 feet by a depth of 150 feet. Considerable structural steel will be used. Interior finish will be of pine throughout. Plans provide for two elevators, one passenger and one freight, an automatic sprinkler system, metal window sash and frames, fireproof doors and a vacuum cleaning system. Stores will have patent front and plate glass windows. Marble wainscot will be used. Exterior of the building will be faced with pressed brick with tile inserts. Plans are complete and figures are being taken.

THEATRES.

SAN FRANCISCO—Theatre, 2 story and base, Class A construction, \$150,000. Architect, William Beasley, 127 Montgomery street, S. F. Owners, J. Grauman, Rudolph Zukoa and R. S. Kahn. The building will be erected on Market street between 5th and 6th streets, the exact location being withheld for the time. Construction will be Class A throughout with a complete steel frame, reinforced concrete floors and walls. Interior will be finished in pine, and metal trim. There will be steam heat and a modern system of ventilation. Interior partitions will be of hollow tile and metal lath and plaster. Considerable ornamental plaster will be used. Marble and tile will be used in the vestibule. Exterior of the building will be faced with cement plaster. Plans are now nearly complete and figures will be taken shortly.

Contracts Awarded.

SEATTLE, WASH.—Theatre, 3 story and base, reinforced concrete, \$150,000. Architect, A. Warren Miller, Arcade Bldg., Seattle. Owners, Alaska Theatre Co. Contractor, S. G. Coombs, Arcade Bldg., Seattle. Contract price, \$150,000. Note—Subfigures are now being taken on all parts of the work.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES. For unstaked Lume, Lye, Pitch, Coal Tar, Putty, Lampblack, Paints, Enamel, Varnish, Shellac, Japan Primer, Oakum and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. October 31, 1913**, at which time they will be opened in public, for furnishing the above-mentioned articles. Bids and general information relating to this circular (No. 505) may be obtained from this office or the of-

fices of the assistant purchasing agents, 1086 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. HOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR REGULATING VALVES.

REGULATING VALVES.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until **2 p. m. November 10, 1913**, for furnishing four needle regulating valves for Minutaire Dam, North Platte Project, Neb. For particulars address the U. S. Reclamation Service, Federal Building, Los Angeles, Cal.; or Washington, D. C. A. P. DAVIS, acting director.

PROPOSALS FOR LUMBER.

LUMBER.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Washington, D. C., until **2 o'clock p. m. November 1, 1913**, and then opened, for furnishing 110,000 feet, more or less, of lumber at Cooks Wash. Informants will be required on application to the superintendent, U. S. fisheries station, Oregon City, Oreg.

NOTICE TO CONTRACTORS. PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

Sealed proposals will be received by the Building and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **11:00 A. M. Thursday, November 6th, 1913**, for the installation of the Plumbing, Sewers, Water and Gas Pipe and Hot Water Heating of the Horticultural Building in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

NOTE.—Particular attention is called to the place of opening of bids, as given in the first paragraph of this advertisement.

PROPOSALS FOR CONSTRUCTING BUILDING.

BUILDING—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **2 p. m. November 26, 1913**, for the construction, complete, of the U. S. post office at Albany, Oreg. Drawings and specifications may be obtained from the custodian of the site at Albany, Oreg., or at this office, in the discretion of the supervising architect, W. WENDEL ROTH, supervising architect.

PROPOSALS FOR CONSTRUCTING BUILDING, ETC.

BUILDING, ETC.—Sealed proposals indorsed "Proposals for Building for

Marine Guard" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 6, 1913, and then there publicly opened, for building for marine guard, naval magazine, Kuaahua, Hawaii. Amount available, \$2,450. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station, Honolulu, Hawaii. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

Office: Constructing Quartermaster, Fort Mason, Cal., 21st October, 1913. SEALED PROPOSALS, in triplicate, for constructing two reinforced concrete storehouses at Army Supply Depot, Fort Mason, Cal., will be received here until 11 A. M., 21st November, 1913, and then opened. Plans, specifications, blanks and necessary information can be obtained here. Deposit of \$25.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to LIEUT. C. L. GEO. McK. WILLIAMSON, Q. M. Corps.

PROPOSALS FOR JETTY WORK.

JETTY WORK—U. S. engineer Office, Portland, Ore.—Sealed proposals for constructing north jetty at entrance to Tillamook Bay, Ore., will be received here until November 3, 1913, and then publicly opened. Information on application. JAY J. MORROW, major, engineers.

PROPOSALS FOR EXCAVATING AND BUILDINGS.

EXCAVATING AND STRUCTURES—Department of the Interior, U. S. Reclamation Service, Malta, Mont.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Malta, Mont., until 2 o'clock p. m., November 12, 1913, for earthwork and structures, Vandalla, South Canal, involving about 480,000 cubic yards of excavation, 2,600 cubic yards of reinforced concrete and the placing of 250,000 pounds of steel reinforcement and the placing in wooden structures of about 120,000 feet, b. m., of lumber. The work is situated on the south side of Milk River, adjacent to the main line of the Great Northern Railway, in the vicinity of Vandalla, Tampico and Glasgow, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont.

PROPOSALS FOR CANAL SALE.

PANAMA CANAL EQUIPMENT FOR SALE—The Isthmian Canal Commission will offer for sale in the near future the equipment used in building the Panama Canal, such as rolling stock, excavating machinery, floating equipment, miscellaneous plants and miscellaneous equipment, including locomotives, cars, steam shovels, cranes, unloaders, earth spreaders, track shifters, rock drills, well drills, dredges, barges, tugs, launches, pile drivers, concrete handling plants, pumps, rock crushers, etc. Inquiries from users of such equipment are invited for its purchase. Catalogues listing the equipment offered for sale and other information may be obtained upon application to the general purchasing officer, Isthmian Canal Commission, Washington, D. C. C. BOGGIS, major corps of engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR GENERATOR SET.

GENERATOR SET—Sealed proposals indorsed "Proposals for Motor Generator Set" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 8, 1913, and then there publicly opened, for one 100-kilowatt motor generator set and switchboard accessories at the naval station, Pearl Harbor, Hawaii. Specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR TANK AND TOWER.

TANK AND TOWER—Sealed proposals indorsed "Proposals for Elevated Steel Tank" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 15, 1913, and then there publicly opened, for 250,000 gallons elevated steel tank and

tower at the naval station, Pearl Harbor, Hawaii. Estimated cost, \$11,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

NOTICE TO BIDDERS.

Office of the Clerk of the Board of Supervisors, San Mateo County.

Sealed bids will be received by the clerk of the Board of Supervisors of San Mateo county, at his office, until 10 o'clock a. m., Monday, November 24, 1913, for the construction of 1.57 miles of highway on what is commonly known as Mission Road (or El Camino Real), beginning at a point on said road distant about 713 feet southerly from where the northerly limits of Redwood City cross said road and extending to the southerly limits of Redwood City, in the Third Road District of said county of San Mateo.

Specifications for this work are on file in the office of said Board, to which bidders are hereby referred.

All bids must be made upon blank forms to be obtained at the County Surveyor's office of said county at Redwood City; must give the prices proposed, both in writing and figures, and must be signed by the bidder with his address.

The bid is to be accompanied with a certified check equal to ten (10) per cent of the total of the bid, upon the condition that if said bid shall be accepted the party bidding will duly enter into the contract and faithfully perform his contract in accordance with its terms and conditions and specifications. Such check to be made payable to said County of San Mateo.

Bids must be enclosed in a sealed envelope addressed to the clerk of the Board of Supervisors and must be endorsed "Bids for Construction of Highway on County Road within the city limits of Redwood City."

The Board of Supervisors reserves the right to reject any and all bids.

JOS. H. NASH

Clerk of the Board of Supervisors of the county of San Mateo.

CANAL CIRCULAR 802—Proposals for Furnishing Certain Equipment for the Miraflores Water - Purification Plant, including: 1. Pipe, fittings, Hydraulic and Miscellaneous Valves and Gates, Effluent Controllers, Filter Operating Tables and Equipment, Venturi Meters, Miscellaneous Valves, Iron, Brass, and Vitrifed Pipe, Ballings and Fittings, Structural Steel and Copper Ventilators, Etc.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., October 30, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 802) may be obtained from this office or the office of the assistant purchasing agent, 1684 North Point Street, San Francisco, Cal.; and also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGIS, major corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR EARTHWORK AND STRUCTURES.

EARTHWORK AND STRUCTURES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m., November 12, 1913, for earthwork and structures, Vandalla South Canal, involving about 480,000 cubic yards of excavation, 2,600 cubic yards of reinforced concrete, the placing of 250,000 pounds of steel reinforcement and the placing in wooden structures of about 120,000 feet, b. m., of lumber. The work is situated on the south side of Milk River adjacent to the main line of the Great Northern Railway, in the vicinity of Vandalla, Tampico and Glasgow, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. A. P. DAVIS acting director.

PROPOSALS FOR VALVES.

REGULATING VALVES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, California, until 2 o'clock p. m., November 19, 1913, for furnishing four needle regulating valves for Mindate Dam, North Platte Project, Nebraska. For particulars address the United States Reclamation Service, Federal Building, Los Angeles, California, or Washington, D. C. A. P. DAVIS, acting director.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., October 1, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M. on the 30th day of October, 1913, and then opened, for an electric passenger elevator, including hoistway, at the United States post office at St. Louis, Mo., in accordance with the drawing and specification, copies of which may be obtained at this office at the discretion of the Supervising Architect, O. WENDBEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, October 16, 1913.—SEALED PROPOSALS will be opened in this office at 3 P. M. on January 15, 1914, for the construction, complete including mechanical equipment and approaches, of the United States post office, customhouse and courthouse at Hilo, Hawaii. The building will be of two stories, basement, and mezzanine, with a total area of 12,000 square feet. The construction throughout is of reinforced concrete, with tile and copper roof. Drawings and specifications may be obtained from the Custodian of site at Hilo, Hawaii, from the architect, Henry D. Whitfield, 160 Fifth Avenue, New York City, or at this office, in the discretion of the Supervising Architect, O. WENDBEROTH, Supervising Architect. (*)

PROPOSALS FOR ICE PLANT.

ICE PLANT—Sealed proposals indorsed "Proposals for Building for Ice Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 1, 1913, and then there publicly opened, for building for ice-making and cold-storage plant, Naval Station, Pearl Harbor, Hawaii. Estimated cost, \$9,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station, Honolulu, T. H. R. STANFORD, chief of bureau, September 11, 1913.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., October 15, 1913.—SEALED PROPOSALS will be opened in this office at 3 P. M., November 26, 1913, for the construction complete including mechanical equipment, interior lighting fixtures, and approaches of the United States Post Office at Albany, Oregon. Two-story and basement building; ground area 4,700 square feet; stucco, concrete and terra cotta facing; tin roof. Drawings and specifications may be obtained from the Custodian of site at Albany, Oregon, or at this office, in the discretion of the Supervising Architect, O. WENDBEROTH, Supervising Architect.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Addition to Kitchen" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 11, 1913, and then there publicly opened, for addition to kitchen at the U. S. marine barracks, Mare Island, Cal. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$6,000. San Francisco. Architect, none. Owners, Pockman & Co., 13th avenue and Balboa street, S. F. The house will be erected on 13th avenue near Balboa street and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fireplaces. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Thomas Cullen, 244 Kearny street, S. F. The dwelling has been designed for a seven room house with bath and will be erected on Cabrillo near 4th avenue. Interior finish will be largely of pine with some elm panels in the dining room. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete. Work will be done by Day Labor. All materials are now being purchased by Mr. Cullen.

BUNGALOW — 1½ story and base, frame, \$3,000. San Francisco. Architect, William C. Gilligan, 1655 12th ave. S. F. Owner, Mrs. Lucy D. O'Brien. The house has been designed to contain six rooms and bath and will be erected on the south side of Lawson street west of 11th avenue. All interior finish will be of pine. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, E. Ginley, 131 5th avenue, S. F. The house has been designed for a six room dwelling and will be erected on the west side of 9th avenue north of Clement street. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the two principal rooms and in the reception hall. There will be open fireplaces and an automatic water heater. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster and shingles. Plans are in the hands of the owner and the work will be done by

Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,500. San Francisco. Architect, William C. Gilligan, 1655 12th avenue, S. F. Owner, Mrs. Vlautin. The house will be erected on a large lot on 11th avenue north of K street and will contain six rooms and bath. A private garage will be erected on the rear of the same lot. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and will be ready for figures within a week.

RESIDENCE — 2 story and base, brick and stone, \$60,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, E. Sheldon Porter. This work has been mentioned here before when plans were first started. The dwelling has been designed in the Tudor style and will be erected on a lot having an 80 foot frontage. Interior will be handsomely finished in pine, French walnut and Siberian oak. A central heating system vacuum cleaning and other modern conveniences are specified. Bath rooms will be finished in tile. Exterior of the house will be faced with pressed brick and cut stone. Plans are complete and figures are being taken.

BUNGALOWS — 4 1-story and base, frame, \$3,000 each. San Francisco. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. These houses will be erected on the north side of Persia street west of Vienna and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile and brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic shingles and shiplap. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE, ALTERATIONS, ETC. — 2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, J. V. Leonard, 126 Stockton street, S. F. This work will be done at the dwelling situated at 1920 Vallejo street, S. F. and will include new interior finish, hardwood floors, a modern heating system, plastering, plumbing and electric work. A large brick mantel will be installed. Plans are in the hands of the owner and he is letting subcontracts on the work.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Oscar Heyman and Bro., 712 Market street, S. F. The house will be erected on 21th avenue near Lincoln Way and will contain six rooms and bath. Interior finish will be

of pine and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The house will be erected on the east side of 12th avenue south of Anza street. Interior finish will be largely of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place and brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic cement plaster on metal lath and will have a brick veneer base. are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, Mrs. Burellius. The dwelling will be erected at the corner of Hyde and Lombard streets and has been designed to contain seven rooms, bath and a large billiard hall. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for a Rector sytem of heating and a domestic hot water system. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

APARTMENT HOUSE — 3 story and base, brick and steel, \$30,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, M. S. Shaw. The building will be erected on the north side of Bush street west of Hyde, covering an area of 34 feet 5 inches by 124 feet. The building will contain 16 suites of two and three rooms each with private baths and wall beds. Interior will be finished in pine and elm panels. Hardwood floors will be used in the halls and entrances. There will be steam heat, automatic elevator service and hot water system. A vacuum cleaning system will also be installed. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick and artificial stone. Plans are complete and in the hands of the owner who will do the work by Day Labor.

WAREHOUSES — 2 3-story and base, reinforced concrete, \$160,000. San Francisco. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans for the two large fireproof warehouses which are to be erected at Fort Mason have been completed and are now out for figures. Each building will cover an area of 60 by 200 feet, and will be carried on pile foundations. There will be concrete floors designed to carry loads of 500 pounds to the square foot. Interior will be finished in pine. There will be two extra large elevators in each building. Metal window sash and frames are also specified. An automatic sprinkler will be used. Exteriors will be faced with cement plaster. Roofs will be of red clay tile. Plans and

specifications can be secured from the office of the Constructing Quartermaster. Bids will be opened on November 21st. Official proposals appear in another column of this issue.

FLATS—2 story and base, frame, \$6,500. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected in the Richmond District and has been designed to contain two residential flats of five and six rooms. Interiors will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$1,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic avenue, S. F. These buildings will be erected on the south side of Grove street west of Central avenue, and each will have a frontage of 25 feet and a depth of 56 feet. There will be two flats of five rooms in each building. Interiors will be finished in pine with some veneer hardwoods and oak floors. Open fire place and tile mantel will be used in the living rooms. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and brick veneer bases. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architects, Zanolini and Jewett, 604 Montgomery street, S. F. Owners, G. and F. Oppel. The building will be erected on the west side of Grant avenue north of Greenwich covering an area of 22½ feet by 53 feet 9 inches. Each flat will contain five rooms and bath. Interior will be finished in pine throughout. Some oak floors will be used. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Terrazzo and tile will be used in the entrance vestibule. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are now being taken.

APARTMENT HOUSE ALTERATIONS—2 story and base, frame, \$3,500. San Francisco. Architects, Smith Stewart, 214 Kearny street, S. F. Owner, Sidney Pringle. This work will consist of rearranging the present two story flat building at the corner of Sacramento and Spruce streets into four modern four room apartments. There will be new plastering, plumbing, electric work, interior finish and painting. Wall beds will be used. Exterior will not be altered. Plans are being prepared for the work.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic streets, S. F. The building will be erected at the northeast corner of Masonic and Grove street and will cover an area of 25 by 72 feet. Interior has been arranged for six modern apartments of four rooms and bath. Finish will be of pine and elm panels.

Oak floors will be used in the living rooms. There will be wall beds and private baths. Hot water system will be installed. Composition floors and tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

POSTOFFICE—2 story, mezzanine and base, reinforced concrete. Cost not stated. Hilo, Hawaii. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for the new federal building to be erected in Hilo have been complete and figures will be opened on January 15th. The building is to cover approximately 12,000 square feet of ground area and will be fireproof throughout. Interior finish will be of native woods, pine and metal trim. Tile and concrete floors will be used. There will be a central heating system and a vacuum cleaning plant. Hollow tile partitions will be used. Exterior will be faced with cement plaster. Plans can be secured from the Supervising Architect at Washington, D. C. or from the Custodian of the site at Hilo. An official proposal appears in this issue.

RESIDENCES—2 2-story and base, frame, \$5,000 each. San Francisco. E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scobie, 363 14th avenue, S. F. These dwellings will be erected on the north side of Lake street west of 19th avenue and have been designed to contain seven rooms and baths. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

POST OFFICE—2 story and base, stone, brick and steel. Cost not stated. Albany, Ore. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for a new federal building at Albany have been completed and forwarded to this coast for figures. The building is designed in the classic style and will cover an area of approximately 4,700 square feet. There will be a complete steel frame, exterior walls of brick, cut stone and terra cotta. Interior partitions will be of metal lath and hollow tile. A steam heating system and a vacuum cleaning plant will be installed. Interior will be finished in pine and hardwoods. Bids will be opened on November 26th. Plans can be secured from the Supervising Architect at Washington or from the Custodian of the site at Albany. An official proposal appears in another column of this issue.

STORES—1 story and base, reinforced concrete, \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Malcom-Jacobs and Burt. The building will be erected on the north side of Washington street east of Davis, having a frontage on Washington street of 40 feet and a depth of 120 feet. Construction will be

of the Class C type, foundations being carried on scow construction. There will be cement floor and metal window sash and frames. Interior finish will be of pine throughout. Exterior of building will be faced with cement plaster. Plans are now being prepared.

STORES—1 story and base, Class C construction, \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Waterfront Realty Co., S. F. The building will be erected at the corner of Washington and East streets and has been designed to contain several stores and a large saloon. Interior will be finished in pine throughout. A cement floor will be used. Metal window sash and frames are specified. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

THEATRE—2 story and base, Class A construction, \$150,000. San Francisco. Architect, William Beasley, 127 Montgomery street, S. F. Owners, J. Grauman, Rudolph Zukor and K. S. Kahn. The building will be erected on Market street between 5th and 6th streets, the exact location being withheld for the time. Construction will be Class A throughout with a complete steel frame, reinforced concrete floors and walls. Interior will be finished in pine, and metal trim. There will be steam heat and a modern system of ventilation. Interior partitions will be of hollow tile and metal lath and plaster. Considerable ornamental plaster will be used. Marble and tile will be used in the vestibule. Exterior of the building will be faced with cement plaster. Plans are now nearly complete and figures will be taken shortly.

PLUMBING, SEWERS AND HOT WATER SYSTEM—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the installation of the sewers, plumbing, gas and water pipes and the hot water system in the Horticulture Building have been completed and are now out for figures. Bids will be opened on November 6th at 11 a. m. Plans can be secured from the Director of Works, Service Building. An official proposal appears in another column of this issue.

Contracts Awarded.

FIRE HOUSE—1 story and base, reinforced concrete, \$20,000. San Francisco. Architect, Asst. State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids opened by the State Board of Harbor Commissioners on October 22nd for the construction of the fire house and roundhouse which is to be erected on Sea Wall Lot No. 8 show Tieslaus Bros. low at \$19,325. A contract for the work has been awarded to them. A complete list of all figures received appear under the heading of San Francisco in this issue.

Harbor Board Opens Bids For Firehouse.

Tieslaus Bros. Awarded Contract For Construction of Building on Sea Wall Lot No. 8.

Nineteen sets of figures were opened by the State Board of Harbor Commissioners at their meeting on October

23rd for the construction of a round house and fire station on Sea Wall Lot No. 8. A general contract for the work was awarded to Tieslau Bros., the lowest bidders, at \$19,325.

The building will be a one-story reinforced concrete structure designed by the Assistant State Engineer. Following is a complete list of bids opened:

Fire House for Harbor Board.

J. W. Carr.....	\$24,638
Clinton Fireproofing Co.....	25,750
Thurston & Co.....	24,899
Tieslau Bros.....	19,325
Van Sant-Houghton Co.....	25,522
M. Fisher.....	24,168
Foster-Vogt Co.....	21,887
Carnahan & Mulford.....	34,744
Frank Gallagher.....	22,100
Connary-Peterson Co.....	24,650
Moore & Burlingame.....	29,850
H. L. Peterson.....	25,000
James L. McLaughlin.....	21,206
Pringle-Dunn Co.....	24,458
Monson Bros.....	23,800
T. P. H. McClenahan.....	21,964
Bluxome Co.....	28,975
Charles Wright.....	22,000
Graham & Jensen.....	24,425

CORRECTION IN SCHOOL BIDS.

In a list of figures published in the Daily Pacific Builder for the Suisun School a mistake occurred in the figures presented by Trevia & Pasqual-etti. The amount of their bid, as given over the 'phone, was \$53,850. This should have been \$65,363.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
3829	Keenan.....	Keenan	7009
3830	Same.....	Same	4000
3831	Same.....	Same	4000
3832	Same.....	Same	4000
3833	Same.....	Same	4000
3834	Same.....	Same	4000
3835	Same.....	Same	4000
3836	Same.....	Same	4000
3837	Same.....	Same	4000
3838	MacArthur.....	MacArthur	2000
3839	Same.....	Same	2000
3840	Same.....	Same	2000
3841	Same.....	Same	2000
3842	Rucker.....	Stewart	500
3843	Heyman.....	Heyman	2400
3844	Herold.....	Herold	400
3845	Sweeney.....	Sweeney	4500
3846	Kelly.....	McCleary	1500
3847	Gleeson.....	Gleeson	1400
3848	Robinson.....	Robinson	100
3849	St. Luke's.....	Gorrieke	500
3850	Farna.....	Camilli	1000
3851	Selman.....	Moise	500
3852	Pezani.....	Peduppe	875
3853	Conlin.....	Markey	632
3854	Schoover.....	Markey	8429
3855	Lubbe.....	Gold	1750
3856	Block.....	Abrams	1775
3857	Simpson.....	Woodridge	2025
3858	Same.....	Same	2025
3859	Autard.....	Same	1000
3860	Scoble.....	Scoble	5000
3861	Same.....	Same	5000
3862	Morris.....	Morris	2150
3863	Stogdman.....	Stogdman	100
3864	Wm States Adv.....	Owner	400
3865	Ballmond.....	Gardner	400
3866	Pav.....	Pav	100
3867	Greenon.....	Hjal	600
3868	Aries.....	Kamen	100
3869	Hamill.....	Hamill	2800
3870	Fletcher.....	Fletcher	500
3871	Stow.....	Show	30000
3872	Struzy.....	Paterson	400
3873	Willard.....	Thiamburg	5500
3874	Same.....	Same	5500
3875	P. P. E.....	Am Rubber	750
3876	Samuel Heart.....	Knowles	750
3877	Same.....	Same	7200
3878	Gump.....	Blumuel	1550
3879	P. P. E.....	He	50
3880	Sei work.....	Runkin	1625
3881	Molten (me).....	Prop	2700
3882	McAuliffe.....	Prop	2700
3883	Goldberg.....	Macdonald	67000
3884	Rosenham.....	Hamelton	3200

3885	Coreghio.....	Bonaccorso	3200
3886	Ingenlath.....	Glaser	700
3887	Tempone.....	Tempone	1000
3888	Cullen.....	Cullen	5000
3889	Pign Whistle.....	Emanuel	750
3890	Moore.....	Lynch	750
3891	Bisner.....	Hayes	400
3892	Butcher.....	Butcher	400
3893	Campbell.....	Brutt	1500
3894	Gunley.....	Gunley	2000
3895	Pockman.....	Pockman	6000
3896	Keiner.....	Brumfield	500
3897	Heuter.....	Lamont	500
3898	Keung.....	Brandt	7740
3899	Paladini.....	Tervil	9850
3900	McAllister.....	Segurson	2700
3901	Christ Scientist.....	Hansen	6550
3902	Blumberg.....	Marcus	2500
3903	Furcell.....	Furcell	1450
3904	Reynolds.....	Reynolds	800
3905	Lopiparo.....	Canessa	750
3906	Spence.....	Spence	1800
3907	Serry.....	Lansing	400
3908	Purcell.....	Purcell	1450
3909	Acme Brw.....	Horstmeyer	1500
3910	Delabridais.....	Becass	1000
3911	Denton.....	Devenenzi	5000
3912	Nolan.....	Van Voorhis	3000
3913	Donnelly.....	Donnelly	3000
3914	Braghetta.....	Braghetta	4000
3915	Missner.....	Penny	4000
3916	Kenny.....	McCabe	1300
3917	Grenan.....	Hick	18000
3918	Brickel.....	Elliott	1500
3919	Kevin.....	Nelson	2350
3920	Hirsch.....	Maritzes	2500
3921	Lombardi.....	Lombardi	1000
3922	Reed.....	Farrell	1500
3923	Lichtenberger.....	Munster	3100
3924	Bartlett.....	Muller	1200
3925	Ratto.....	Cavagliere	1400
3926	Bernhard.....	Brunswick	1000
3927	Morton.....	Leigh	2300
3928	Schroeder.....	Peterson	7000
3929	Reanston.....	Hennings	1200
3930	Lommer.....	Dunn	2000
3931	Williams.....	Centry	2000
3932	Joyce.....	Woodfry	1500
3933	Glisselli.....	Montani	4900
3934	Blanchi.....	Rolandi	2734
3935	Busalacchi.....	De Martini	6455
3936	P. P. E.....	Monk	203550

(3829) NE MASONIC AND GROVE. Three-story and basement frame (6) flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$7000

(3830) S GROVE 290 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$4000

(3831) S GROVE 245 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$1000

(3832) S GROVE 220 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$1000

(3833) S GROVE 195 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$1000

(3834) S GROVE 170 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$4000

(3835) S GROVE 115 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Hayes and Masonic, S. F.
Architect.....None.

Day's work..... COST, \$4000

(3836) S GROVE 270 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$1000

(3837) S GROVE 120 W Central Ave. Two-story and basement frame flats.

Owner.....C. J. and W. J. Keenan,
Hayes and Masonic, S. F.

Architect.....None.
Day's work..... COST, \$1000

(3838) N PERSIA 25 W Vienna. One-story and basement frame dwelling.

Owner.....MacArthur Bros., 1560 Fell
San Francisco.

Architect.....None.
Day's work..... COST, \$2000

(3839) N PERSIA 50 W Vienna. One-story and basement frame dwlg.

Owner.....MacArthur Bros., 1560 Fell,
San Francisco.

Architect.....None.
Day's work..... COST, \$2000

(3840) N PERSIA 75 W Vienna. One-story and basement frame dwelling.

Owner.....MacArthur Bros., 1560 Fell,
San Francisco.

Architect.....None.
Day's work..... COST, \$2000

(3841) N PERSIA 100 W Vienna. One-story and basement frame dwelling.

Owner.....MacArthur Bros., 1560 Fell,
San Francisco.

Architect.....None.
Day's work..... COST, \$2000

(3842) NO. 677 MISSION. Raise sky-light and build new stairs.

Owner.....Rucker-Fuller Desk Co.
Premises.

Architect.....None.
Contractor.....J. R. Stewart, 2075 Army,
San Francisco.

COST, \$500

(3843) E TWENTY-FOURTH AVE 100 S Lincoln Way. Complete two-story frame dwelling.

Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.

Architect.....None.
Day's work..... COST, \$2400

(3844) W SAN BRUNO 150 S Army. Underpin blacksmith shop.

Owner.....Chas Herold.

Architect.....None.
Day's work..... COST, \$100

(3845) E WILLARD 137 N Woodland. Two-story and basement frame residence.

Owner.....Mary Louisa Sweeney, 2
Fair Oaks, San Francisco

Architect.....Jos. M. Geary, 2581 Post,
San Francisco.

Contractor.....Eugene A. Sweeney, 2
Fair Oaks, San Francisco.

COST, \$1500

(3846) NOS. 559-61 HOWARD. Alter front and stores.

Owner.....Mrs. A. Kelly, 4159 24th,
San Francisco.

Architect.....None.
Contractor.....McSheehy Bros., 47 Lang-
ton, San Francisco.

COST, \$1000

(3847) NW ATHENS 275 SW Russia.
One-story and basement frame dwlg.
Owner.....James Gleeson, 659 Moscow
San Francisco.

Architect...None.
Day's work. COST, \$1400

(3848) NO. 2257 GREEN. One-story
reinforced concrete private garage.
Owner.....O. M. Robinson, Premises.
Architect...None.
Day's work. COST, \$400

(3849) VALENCIA AND ARMY. Erect
eight foot fence.
Owner.....St. Luke's Hospital, Prem.
Architect...L. P. Hobart, Crocker
Bldg., San Francisco.
Contractor..W. A. Goerlicke, Postal
Telegraph Bldg., S. F.
COST, \$500

(3850) NE BOSWORTH & DIAMOND.
Frame 2nd story and enclose walls of
flats.
Owner.....Carmelo Farna, 727 Chen-
ery, San Francisco.
Architect...None.
Contractor..M. Camilli.
COST, \$1000

(3851) SW SUTTER AND KEARNY
Erect two electric signs.
Owner.....Sherman & Clay Co., Prem.
Architect...None.
Contractor..Moise-Klinkner Co., 1212
Market, San Francisco.
COST, \$500

(3852) NO. 318 ARLETA AVE. Alter
front and general repairs.
Owner.....Mari Pisani, Premises.
Architect...None
Contractor..John Pedeupe, 606 Wal-
bridge, San Francisco.
COST, \$875

(3853) NO. 329 VALLEY. All work for
moving, alterations and additions to
cottage.
Owner.....Lizzie Conlin, Premises.
Architect...None
Contractor..Arthur Markley.
Filed Oct. 20, '13. Dated Sept. 10, '13.
Building moved and basement
closed in and foundation com-
plete\$153
Partitions up and ready for
plaster and rear porch completed 153
Plaster on and front entrance
completed and ready for porch. 153
Inside finish on end building
ready for painter and is com-
pleted 153
TOTAL COST, \$612
Bond, limit, forfeit, none. Specifi-
cations only filed.

(3854) W MISSION 187 N 17th N 23-6
W 115-10½ S 29-6 E 15-10½ N 6 E
100. All work for three-story frame
rooming house.
Owner.....Frank M. Scoonover, 5
Montgomery, S. F.
Architect...Chas. E. J. Rogers, 24
California, S. F.
Contractor..Ward & Goodwin, 981
Guerrero, S. F.

Filed Oct. 20, '13. Dated Oct. 14, '13.
Building completely framed...\$1500
Roof on, building enclosed and
rough wiring and electric wiring
done 1500
Completed and accepted..... 3500
Usual 35 days..... 1920
TOTAL COST, \$8420
Bond, \$4000. Sureties, P. H. Loftus and

Ieter Bradley, Limit, 70 days. For-
feit, \$10. Plans and specifications
filed.

(3855) NO. 951½ McALLISTER. All
work for alterations and additions to
make a three-story frame building.
Owner.....E. J. Lubbe.
Architect...None.
Contractor..A. A. Gold, 1108 Fillmore,
San Francisco.
Filed Oct. 20, '13. Dated Oct. --, '13.
Building raised, excavation and
brick foundations done.....\$500
Joist and store walls erected,
electric wiring, plumbing and
connections for store in..... 400
Plastering done and marble bases
for store and front entrance done 350
Usual 35 days..... 500
TOTAL COST, \$1750
Bond, limit, forfeit, none. Plans and
specifications filed.

(3856) NO. 245 SILLIMAN 30 E Get-
tinger. All work for 6-room cottage
Owner.....Nathan Block, SW Silli-
man and Gettigan, S. F.
Architect...None.
Contractor..Harry Abrahams, 131 Hale,
San Francisco
Filed Oct. 20, '13. Dated Oct. 14, '13.
Completed and roof covered...\$ 500
Building completed 1000
Usual 35 days..... 225
TOTAL COST, \$1725
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed

(3857) W TEXAS 50 N 19th N 25xW
100. All work for two-story and
basement frame dwelling.
Owner.....J. A. Simpson, 1275 Ken-
tucky, San Francisco.
Architect...Smith & Stewart, 244
Kearny, San Francisco.
Contractor..L. C. Wooldridge, 315 28th
Ave., San Francisco.
Filed Oct. 20, '13. Dated Oct. 17, '13.
Frame up and roof boarded.....\$500
Plastering finished 500
Accepted 500
Usual 35 days..... 525
TOTAL COST, \$2025
Bond, none. Limit, 90 days from Oct.
20. Forfeit, none. Plans and specifi-
cations filed.

(3858) W TEXAS 75 N 19th N 25xW
100. All work for two-story and
basement frame dwelling.
Owner.....J. A. Simpson, 1275 Ken-
tucky, San Francisco.
Architect...Smith & Stewart, 244
Kearny, San Francisco.
Contractor..L. C. Wooldridge, 315 28th
Ave., San Francisco.
Filed Oct. 20, '13. Dated Oct. 17, '13.
Frame up and roof boarded.....\$500
Plastering finished 500
Accepted 500
Usual 35 days..... 525
TOTAL COST, \$2025
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(3859) E VAN NESS AVE 75 N Green
N 25x E 125. All work for three-story
frame store and rooms.
Owner.....E. and L. Autard, 1210
Webster, San Francisco.
Architect...Oliver Everett, 1940 Weh-
ster, San Francisco.
Contractor..Peter Hansen.
Filed Oct. 20, '13. Dated Oct. 6, '13.
Roof rafters in place.....\$1575
Ready for lathing..... 1575
Brown coated 1575

Doors and sashes hung..... 1575
Completed and accepted..... 1575
Usual 35 days..... 2625
TOTAL COST, \$10,500
Bond, \$5250. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, \$5. Plans and speci-
fications filed.

(3860) N LAKE 60 W 19th Ave. Two-
story and basement frame residence.
Owner.....Thos. Scoble, 363 14th Ave
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$5000

(2861) N LAKE 30 W 19th Ave. Two-
story and basement frame residence.
Owner.....Thos. Scoble, 363 14th Ave
San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$5000

(3862) E TWELFTH AVE 25 S Anza.
Two-story and basement frame resi-
dence.
Owner.....A. T. Morris, 616 9th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$2150

(3863) S ONEIDA AND OTSEGO. One
story and basement frame dwlg.
Owner.....Antonio Stagnaro, Prem.
Architect...L. Traverso, 854 Union,
San Francisco.
Day's work. COST, \$1950

(3864) NO. 36 EAST. Roof sign.
Owner.....Western States Adv. Co.,
370 Valencia, S. F.
Architect...None.
Day's work. COST, \$400

(3865) W SHOTWELL 150 N 20th.
One-story frame garage.
Owner.....Harry Balmood, 940 Shot-
well, San Francisco.
Architect...None.
Contractor..H. C. Gardner, 335 Ray-
mond, San Francisco.
COST, \$400

(3866) NO. 834 GROVE. One-story
frame garage and erect brick wall.
Owner.....Chas. Fay, Phelan Bldg.,
San Francisco.
Architect...Clifford Rushmer, 520
Commercial Bldg., S. F.
Day's work. COST, \$400

(3867) NO. 113 CALIFORNIA. Erect
brick oven.
Owner.....J. Grennon, Montgomery &
Sutter, San Francisco.
Architect...D. Woerner.
Contractor..James Hjul, 618 Sacra-
mento, San Francisco.
COST, \$600

(3868) SE GOUGH AND McALLISTER
Alter front.
Owner.....G. Arles, Premises.
Architect...None.
Contractor..L. Kragen, 473 Gough,
San Francisco.
COST, \$400

(3869) S TWENTY-FIRST AVE 250 N
Anza. Two-story and basement
frame dwelling.
Owner.....Margaret Hamill, 268 25th
Ave., San Francisco.
Architect...None.

Contractor..Thos. Hamill, 268 25th Ave
San Francisco.

COST, \$2800

(3870) E THIRTY-FIFTH AVE 275 N
Pulton. Two-story and basement
frame residence.

Owner.....J. P. Fletcher, 310 Lick
Bldg., San Francisco.

Architect...Chas. C. Frye, 20 Mont-
gomery, San Francisco.

Day's work. COST, \$3000

(3871) N BUSH 171-10 W Hyde. Three
story and basement brick (16) apart-
ments.

Owner.....M. S. Show, 1235 Pine, S. F.
Architect...C. O. Clausen, Phelan Bldg
San Francisco.

Day's work. COST, \$30,000

(3872) SE FOLSOM AND 18TH. Erect
shed.

Owner.....Steiger & Kerr Co., Prem.
Architect...None.

Contractor...J. Pattison, 2060 Fell, S. F.
COST, \$400

(3873) N ANZA 107-6 E 12th Ave E 25
xN 100. All work for two-story
frame flats.

Owner.....Leon and Fannie Willard.
Architect...None.

Contractor...Oscar W. Thunberg, 678
9th Ave., San Francisco.

Filed Oct. 21, '13. Dated Oct. 21, '13.

Frame up\$1375

Brown coated 1375

Completed and accepted..... 1250

Usual 35 days 1500

TOTAL COST, \$5500

Bond, none. Limit, 150 days. Forfeit,
\$.55. Plans and specifications filed.

(3874) N ANZA 82-6 E 12th Ave E 25
xN 100. All work for two-story frame
flats.

Owner.....Leon and Fannie Willard.
Architect...None.

Contractor...Oscar W. Thunberg, 678
9th Ave., San Francisco.

Filed Oct. 21, '13. Dated Oct. 21, '13.

Frame up\$1375

Brown coated 1375

Completed and accepted..... 1250

Usual 35 days 1500

TOTAL COST, \$5500

Bond, none. Limit, 150 days. Forfeit,
\$.55. Plans and specifications filed.

(3875) EXPOSITION SITE. 10,000 feet
of cotton rubber lined fire hose.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...None.

Contractor...American Rubber Mfg. Co.,
9 Beale, San Francisco.

Filed Oct. 21, '13. Dated Oct. 15, '13.

50% of value of each shipment
within 15 days after delivery...

50% after inspection and tested...

TOTAL COST, \$7550

Bond, \$5000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 255
days. Forfeit, none. Plans and spec-
ifications filed.

(3876) NW JACKSON AND SCOTT N
127-8 1/2 x W 137-6. Pointing and
patching of three-story brick and
frame building and also for additions
to present building.

Owner.....Academy of the Sacred
Heart.

Architect...Chas. J. I. Devlin, Pacific
Bldg., San Francisco.

Contractor...A. Knowles, 985 Folsom,
San Francisco.

Filed Oct. 21, '13. Dated Sept. 29, '13.

Completed and accepted.....\$50

TOTAL COST, \$50

Bond, none. Limit, 10 days after notifi-
cation. Forfeit, \$25. Plans and specifi-
cations filed.

(3877) LATH AND PLASTERING AND
cementing (exclusive of pointing and
patching) on above.

Contractor...A. Knowles, 985 Folsom,
San Francisco.

Filed Oct. 21, '13. Dated Sept. 29, '13.

On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$7200

Bond, \$3600. Surety, United States Fi-
delity & Guaranty Co. Limit, 90 days.

Forfeit, \$25. Plans and specifications
filed.

(3878) NO. 244 POST. Carpenter, mill
plaster, setting of cabinets, plate
glass, rough hardware and setting of
finished hardware, priming backs of
cabinets for arena known as Rug
Room on Second floor.

Owner.....S. and G. Gump Co., 268
Post, San Francisco.

Architect...Milton Lichtenstein, 111
Ellis, San Francisco.

Contractor...L. & E. Emanuel, Inc., 144
12th, San Francisco.

Filed Oct. 21, '13. Dated Sept. 15, '13.

All wood work delivered.....\$581

Completed and accepted..... 581

Usual 35 days..... 388

TOTAL COST, \$1550

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(3879) EXPOSITION SITE. Pile founda-
tions for Main Entrance Tower.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...Thos. Hastings.

Contractor...Healy-Tibbitts Constr. Co.,
9 Main, San Francisco.

Filed Oct. 21, '13. Dated Oct. 9, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$8365

Bond, \$5000. Surety, Globe Indemnity
Co. Limit, 60 days. Forfeit, \$15. Plans
and specifications filed.

(3880) S TURK 112-6 W Larkin W 25
xS 137-6. All work for two-story and
basement Class "C" laundry and
rooms.

Owner.....Adolph Schwartz, Kearny
and Commercial, S. F.

Architect...C. O. Clausen, Phelan Bldg.
San Francisco.

Contractor...C. D. Rankin, 724 Gough,
San Francisco.

Filed Oct. 21, '13. Dated Oct. 18, '13.

2nd floor joists on.....\$1368

Brick work completed..... 1368

Brown coated 1369

Completed and accepted..... 2053

Usual 35 days..... 2063

TOTAL COST, \$8221

Bond, \$4110.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, \$10. Plans and specifi-
cations filed.

(3881) NO. 1617 PINE. Underpinning
of eastern wall of Hotel Aetna, ex-
tending through to Austin Ave, bulk-
heading, excavating, etc.

Owner.....M. A. Moldenhauer, 240
Clayton, San Francisco.

Architect...E. A. Neumarkel, 948 Mar-
ket, San Francisco.

Contractor...Chas. Wright, 25 Stockton,
San Francisco.

Filed Oct. 21, '13. Dated Oct. 20, '13.

Completed and accepted.....\$1200

Usual 35 days..... 425

TOTAL COST, \$1625

Bond, \$1000. Surety, Henry G. Meyer.
Limit, without delay. Forfeit, none.
Plans and specifications, none.

(3882) S TWENTYETH 76 E Bryant E
24X 52. All work for two-story and
basement frame flats.

Owner.....John McAnuliffe, 2207 Bry-
ant, San Francisco.

Architect...None.

Contractor...Walker Props, 1301 Gough,
San Francisco.

Filed Oct. 21, '13. Dated Oct. —, '13.

Roof on\$675

Brown coated 675

Completed 675

Usual 35 days..... 675

TOTAL COST, \$2700

Bond, \$1350. Surety, W. G. Hyman.
Limit, 90 days. Forfeit, \$.5. Plans and
specifications filed.

(3883) N SUTTER 137-6 E Leaven-
worth E 46-7 1/2 xN 137-6. All work
for six-story and basement hotel bldg

Owner.....A. Eisenberg, 3760 Clay,
San Francisco.

Architect...G. Albert Lansburgh, 709
Mission, San Francisco.

Contractor...Macdonald & Kahn, Rialto
Bldg., San Francisco.

Filed Oct. 21, '13. Dated Oct. 14, '13.

On 10th of each month..... 75%

Usual 35 days 25%

TOTAL COST including 6% to con-
tractor not to exceed \$67,000

Bond, \$39,000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 175
days. Forfeit, none. Plans and specifi-
cations filed.

NOTE:—If building costs less than
\$67,000 contractor to receive 12% of
difference.

(3884) N DUNCAN 125 W Guerrero W
25XN 114 HA 35. All work for two-
story frame residence.

Owner.....Bessie Goldman, 28th and
Mission, San Francisco.

Architect...None.

Contractor...William C. Hamerton &
Son, 1301 Waller, S. F.

Filed Oct. 21, '13. Dated Oct. 21, '13.

Frame up and roof rafters on.....\$800

1st coat plaster on inside and
outside 800

Completed 800

Usual 35 days..... 800

TOTAL COST, \$3200

Bond, limit, forfeit, none. Plans and
specifications filed.

(3885) S PACIFIC 132 E Jones E 24x
S 60. All work except furnishing
mill work for two-story and base-
ment frame flats.

Owner.....Wm. J. Cereghino.

Architect...A. Bertagna.

Contractor...F. Bonaccorso & A. Draga,
376 Moultrie, San Francisco

Filed Oct. 21, '13. Dated Oct. 18, '13.

Frame up and roof on.....\$825

Brown coated 825

Completed and accepted..... 825

Usual 35 days..... 825

TOTAL COST, \$3300

Bond, \$1650. Surety, The Title Guar-
anty & Surety Co. Limit, 90 days. For-
feit, none. Plans and specifications
filed.

(3886) S TWENTY-FOURTH 20 E Hoffman. Install bake oven.
Owner.....R. Ingenlath, Premises.
Architect...None.
Contractor...J. P. Glaser, 2070 Union, San Francisco.
COST, \$700

(3887) NO. 458 FILBERT (rear). Two story and basement frame (2) flats.
Owner.....G. Tempono, Premises.
Architect...Paul F. De Martin, 457 Columbus Ave., S. F.
Day's work. COST, \$1000

(3888) S CABRILLO 87-6 E 4th Ave. Two-story and basement frame residence.
Owner.....Thos. Cullen, 244 Kearny, San Francisco.
Architect...None.
Day's work. COST, \$5000

(3889) NO. 35 POWELL. Alter front and erect stair case.
Owner.....Pig'n Whistle Co., 130 Post San Francisco.
Architect...None.
Contractor...L. & E. Emanuel, Inc., 144 12th, San Francisco.
COST, \$750

(3890) W FRONT 120 W Market. Cut two openings and install 2 fire doors.
Owner.....Moore-Watson Dry Goods Co., Premises.
Architect...G. A. Applegarth, 1800 Claus Spreckels Bldg., S. F.
Contractor...A. Lynch, 185 Stevenson, San Francisco.
COST, \$750

(3891) NO. 561 MINNA. Repair fire damage.
Owner.....Morris Elsner, Crocker Bldg., San Francisco.
Architect...None.
Contractor...John Hayes, 1685 Webster, San Francisco.
COST, \$400

(3892) SE OFARRELL & MASON. Remove old and replace new sidewalk lights.
Owner.....Thos. Butcher, 180 Jessie, San Francisco.
Architect...None.
Day's work. COST, \$400

(3893) W NEWTON 82-7-10 S Rolph. One and one-half-story and basement frame dwelling.
Owner.....Campbell & Brutt, 768 17th Ave., San Francisco.
Architect...None.
Day's work. COST, \$1500

(3894) W NINTH AVE 200 N Clement. Two-story and basement frame residence.
Owner.....E. Ginley, 131 5th Ave., San Francisco.
Architect...None.
Contractor...E. Ginley, 131 5th Ave., S. F.
COST, \$3000

(3895) E THIRTEENTH AVE 267-6 N Balboa. Two-story basement and attic frame residence.
Owner.....Pockman & Co., 13th Ave and Balboa, S. F.
Architect...None.
Day's work. COST, \$6000

(3896) NO. 152 POWELL. Electric sign.
Owner.....W. Kelner, Premises.
Architect...None.

Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$500

(3897) NE POLK AND FERN AVE. Plate glass front.
Owner.....E. L. Heuter, — Mission, San Francisco.
Architect...Zanolini & Jewett, 604 Mission, San Francisco.
Contractor...Lamont & Miller, 506 Washington, S. F.
COST, \$500

(3898) W STONE 77-6 N Washington 20 on Stone x 60 m or l. All work for three-story reinforced concrete building.
Owner.....Lee Moon Heung.
Architect...Smith & Stewart, 244 Kearny, San Francisco.
Contractor...Brandt & Stevens, 110 Jessie, San Francisco.
Filed Oct. 22, '13. Dated Oct. 21, '13.
1st floor joists in place.....\$1450
Roof rafters on.....1450
Plastering finished.....1450
Accepted.....1450
Usual 35 days.....1940
TOTAL COST, \$7740
Bond, none. Limit, 90 days after Oct. 22. Forfeit, none. Plans and specifications filed.

(3899) N FILBERT 87-6 W Stockton N 92-6xW 25. All work for three-story frame building with basement garage (flats).
Owner.....A. Paladini, 540 Clay, S. F.
Architect...Welsh & Carey, Merchants' National Bank Bldg., S. F.
Contractor...G. Trevia & G. B. Pasqualetti, 400 Bay, S. F.
Filed Oct. 22, '13. Dated Oct. 16, '13.
Ready for roof.....\$2500
Plastering finished.....2500
Completed and accepted.....2485
Usual 35 days.....2495
TOTAL COST, \$9980
Bond, \$1990. Surety, Southwestern Surety Ins. Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(3900) SW ELEVENTH 200 SE Folsom SE 76 SW 65 NW 76 NE 75 MB 9. Alterations and additions to wet wash laundry to be two-story brick building.
Owner.....Alice D. McAllister, Care Room 716, Nevada Bank Bldg., San Francisco.
Architect...None.
Contractor...Segurson Bros., 308 Guerrero, San Francisco.
Filed Oct. 2, '13. Dated Oct. 4, '13.
Floor joists up.....\$675
Brick work finished and roof on 675
Finished and accepted.....675
Usual 35 days.....675
TOTAL COST, \$2700
Bond, \$1350. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(3901) E ARGUELLO BLVD (1st Ave) 332-7 N Geary N 108xE 120. All work for church building.
Owner.....Fourth Church of Christ Scientist of San Francisco.
Architect...A. D. Nicholson, 20 Montgomery, San Francisco.
Contractor...F. L. Hansen, Monadnock Bldg., San Francisco.
Filed Oct. 22, '13. Dated —.
Excavation and concrete work done.....\$ 675.00
Frame of walls, roof and floor

done.....1800.00
Completed and accepted.....2437.50
Usual 35 days.....1637.50
TOTAL COST, \$6550.00
Bond, \$3275. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days after Oct. 21. Forfeit, \$10. Plans and specifications filed.

(3902) E LYON 85-0 1/2 S Lombard S 25 E 101-4 1/2 N 24-1 1/2 W 100-5 1/2. All work except painting, etc., for two-story frame store and flat.
Owner.....Louis Blumberg, 2864 Greenwich, San Francisco.
Architect...None.
Contractor...Jos. Marcus and H. Barnett Filed Oct. 23, '13. Dated Oct. —, '13.
Roof covered.....\$800
Brown coated.....500
Completed and accepted.....600
Usual 35 days.....600
TOTAL COST, \$2500

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3903) E WANDA 125 N Onondago. One-story and basement frame dwlg.
Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco.
Architect...None.
Day's work. COST, \$1450

(3904) NW DE WOLF & LAWRENCE. Raise, repair and alter cottage.
Owner.....E. A. Reynolds, 16 De Wolf San Francisco.
Architect...None.
Day's work. COST, \$800

(3905) W ARKANSAS 166 N 23rd. One story and basement frame dwlg.
Owner.....A. Lopiparo, 858 Arkansas, San Francisco.
Architect...None.
Contractor...Louis Canessa, 30 Boardman Place, San Francisco.
COST, \$750

(3906) E TWENTIETH AVE 25 S Anza Two-story and basement frame dwlg.
Owner.....E. J. Spence, 537 25th Ave., San Francisco.
Architect...None.
Day's work. COST, \$1800

(3907) SW DIVISADERO AND ELLIS Underpin and minor repairs to store and dwelling.
Owner.....Bernard Sherry, 3335 Clay, San Francisco.
Architect...None.
Contractor...Frank G. Lansing, 1918 Fell, San Francisco.
COST, \$400

(3908) E WANDA 175 N Onondago. One-story and basement frame dwlg.
Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco.
Architect...None.
Day's work. COST, \$1450

(3909) W SANSOME 125 N Greenwich. Add 13 feet to present building.
Owner.....Acme Brewing Co., 1401 Sansome, San Francisco.
Architect...None.
Contractor...Wm. Horstmeier Co., 39 Eureka, San Francisco.
COST, \$1500

(3910) S PACIFIC 25 E Powell. Two-story and basement reinforced concrete lofts.
Owner.....A. Delabrandals, Care of Architect.

Architect...Fabre & Bearwald, 1304 Merchants National Bank Bldg., San Francisco.

Contractor...B. Becasas, 915 Pacific, San Francisco.
COST, \$1000

(3911) S BROADWAY 50 N Wayne Place. Three-story and basement frame (3) flats.
Owner...N. Dentoni, 567 Broadway, San Francisco.

Architect...None.
Contractor...J. Devenenzi, 1609 Union, San Francisco.
COST, \$3000

(3912) NO. 2313 BUCHANAN. New front, new interior, add porch and new plumbing fixtures.
Owner...Wm. Moran, Keystone Apartments, San Francisco

Architect...None.
Contractor...R. Von Voorhies, 50 Divisadero, San Francisco.
COST, \$3000

(3913) E DOLORES 118 S 18th. Three story and basement frame (6) flats.
Owner...Mrs. Ellen Donnelly, San Anselmo, California.

Architect...None.
Contractor...John J. Binet Co., 68 Ramona, San Francisco.
COST, \$9000

(3914) N LOMBARD 175 W Powell. Two-story and basement frame (4) flats.

Owner...P. Braghetta, Premises.
Architect...L. Traverso, 854 Union, San Francisco.
Day's work. COST, \$1000

(3915) N IRVING 120 W 7th Ave. One-story frame nickelodeon.

Owner...J. P. Missmer, Phelan Bldg San Francisco.
Architect...R. A. Boucher, 363 Guerrero, San Francisco.
Contractor...Isaac Penny, 1059 Phelan Bldg., San Francisco.
COST, \$4000

(3916) NO. 2773 PINE. Concrete foundation and floor.

Owner...Mrs. Edw. Kenny, 2775 Pine, San Francisco.
Architect...None.
Contractor...McCabe & Brown, 521 1st National Bank Bldg., S. F.
COST, \$1350

(3917) S CALIFORNIA 87-6 W Davis. One-story brick stores.

Owner...J. Grenan, Merchants' Exchange Bldg., S. F.
Architect...None.
Contractor...J. H. Hjul, 325 Merchants' Exchange Bldg., S. F.
COST, \$18,000

(3918) S GOLDEN GATE AVE 85 E Franklin. Repair fire damage to garage.

Owner...J. C. Brickell, 217 Lick Bldg San Francisco.
Architect...None.
Contractor...E. W. Elliott, 180 Jessie, San Francisco.
COST, \$5000

(3919) W LAKE 25-8 N Carmel. One and one-half-story and basement frame residence.

Owner...Mary Kevlin.
Architect...None.

Contractor...N. J. Nelson, 4278 23rd, San Francisco.

COST, \$2350

(3920) E NINETEENTH AVE 150 S Cabrillo. Raise building and add one story frame.

Owner...E. Hirsch, 19th Ave., Richmond District, S. F.
Owner...Wm. Maritzen, 21 Rail Road Ave., San Mateo.
Contractor...August Maritzen.
COST, \$2500

(3921) S UNION 60 E Kearny (rear). Two-story and basement frame (2) flats.

Owner...L. Lombardi, 423 Union, San Francisco.
Architect...L. Traverso, 854 Union, San Francisco.
Day's work. COST, \$1000

(3922) S PRECITA AVE 260 W Shotwell. One and one-half-story and basement frame residence.

Owner...Mrs. W. Reed, 239 Precita Ave., San Francisco.
Architect...G. Reed, 239 Precita Ave., San Francisco.
Contractor...Farrell & Reed, 701 Mission, San Francisco.
COST, \$1500

(3923) N POST 75 W Baker. One-story and basement frame residence.

Owner...H. Lichtenberger, 1433 Broderick, San Francisco.
Architect...Norman R. Coulter, 46 Kearny, San Francisco.
Contractor...J. H. Munster & Co., 2140 O'Farrell, San Francisco.
COST, \$3100

(3924) E TWENTY-FIRST AVE 253-4 S Lawton. One-story and basement frame dwelling.

Owner...Lenora E. Bartlett, 1654 19th Ave., San Francisco.
Architect...None.
Contractor...Fred Muller, 73 Brosman, San Francisco.
COST, \$1200

(3925) E CONNECTICUT 125 N Mariposa. One-story and basement frame dwelling.

Owner...Paul Ratto.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...G. Cavaglieri, 593 Potrero Ave., San Francisco.
COST, \$1400

(3926) NO. 619 MARKET. General alterations and repairs to saloon and cafe.

Owner...Sam T. Bernham, Prem.
Architect...None.
Contractor...Brunswick, Balke, Colender Co., 747 Mission St., San Francisco.
COST, \$2500

(3927) W TWENTY-FIRST AVE 49 N Geary. One and one-half-story and basement frame residence.

Owner...Mike Norton, Premises.
Architect...None.
Contractor...Leigh & Schultz, 350 8th Ave., San Francisco.
COST, \$2300

(3928) W FAIR OAKS 135 S 25th. Two-story and basement frame (2) flats.

Owner...H. N. Schroeder, 422 Fair Oaks, San Francisco.

Architect...None.
Contractor...A. Peterson, 1180 Dolores, San Francisco.
COST, \$7000

(3929) NO. 0014 FILLMORE (rear). One-story frame bake shop.

Owner...Geo. Beanston, 1340 Webster, San Francisco.
Architect...None.
Contractor...Adolf Hennings, 1006 Noe, San Francisco.
COST, \$1200

(3930) S GEARY 32-6 W 37th Ave. Two-story and basement frame residence.

Owner...W. L. Wemmer, 2631 Anza, San Francisco.
Architect...None.
Contractor...J. N. Dunn, 2630 Anza, San Francisco.
COST, \$2600

(3931) S SILVER 60 W Princeton. Two story and basement frame residence.

Owner...Mrs. Kate Williams, Silver Ave. near Princeton.
Architect...None.
Contractor...Central Bldg. Co., 914 Rialto Bldg., San Francisco.
COST, \$2000

(3932) NE NIAGARA 128 NW Mission. One-story and basement frame dwlg.

Owner...Mr. Joyce, 2025 Larkin, San Francisco.
Architect...None.
Contractor...John B. Woolfrey, 3168 21st, San Francisco.
COST, \$1500

(3933) S UNION 152-6 E Larkin E 23-4X8 70 50 V 1389. All work except finish hardware, painting, plumbing, and chandeliers for two-story and basement frame flats.

Owner...Anacleto Ghiselli, 133 Jackson, San Francisco.
Architect...J. A. Porporato, 619 Washington, San Francisco.
Contractor...S. Montani & G. Stefanini, 1753 Greenwich, S. F.

Filed Oct. 25, '13. Dated Oct. 23, '13.
Rough frame up.....\$1000
Brown coat mortar on..... 1000
Completed and accepted..... 1225
Usual 35 days..... 1675
TOTAL COST, \$4900

Bond, Guaranty bond in favor of owner. Sureties, Victor Perazzo and G. Gulisti. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

(3934) S WASHINGTON 98-9 W Front W 30x8 120. All work for four-story and basement reinforced concrete stores.

Owner...Blanchi Poultry & Produce Co., 217 Washington, S. F.
Designer...J. Grace.
Supt.George Marsh.
Contractor...F. Rolandi, 550 Montgomery, San Francisco.

Filed Oct. 25, '13. Dated Oct. 25, '13.
1st floor poured.....\$124.50
2nd floor poured..... 5124.50
Roof on 5124.50
Accepted 5134.50
Usual 35 days 6846.00
TOTAL COT, \$27,334.00

Bond, none. Limit, 90 days from filing. Forfeit, none. Plans and specifications filed.

NOTE:—Specifications read S Washington E Battery.



HOTEL SUTTER AT CORNER OF KEARNY & SUTTER STREETS.

San Francisco

L. B. Dutton, Architect
San Francisco



APARTMENT HOUSE FOR SAMUEL HENRY
Stockton, Cal.

Glenn Allen, Architect
San Francisco

39353) N FRANCISCO 68-9 E Powell
E 22-11xN 68-9. All work except roof
yard for three-story and basement
frame flats.

Owner.....Frank N. Busalacchi, 405
Bay, San Francisco.

Designer...P. F. Demartini, 451 Col-
umbus Ave., San Francisco.

Contractor...Paul De Martini, 2569 Oc-
tavia, San Francisco.

Filed Oct. 25, '13. Dated Oct. 24, '13.

Frame up & rafters in place.\$1612.50

Brown coated 1612.50

Completed and accepted..... 1612.50

Usual 35 days 1612.50

TOTAL COST, \$6450.00

Bond, \$3225. Sureties, G. Taleri and G.
B. Cordano. Limit, 90 days from Oct.
7. Forfeit, none. Plans and specifica-
tions filed.

39364) EXPOSITION SITE. Carpenter
and mill work, etc., for Horticultural
Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co. Ser-
vice Bldg., S. F.

Architect...Bakwell & Brown, 251
Kearny, San Francisco.

Contractor...John Monk, Monadnock
Bldg., San Francisco.

Filed Oct. 25, '13. Dated Oct. 22, '13.

As work progresses..... 75%

Usual 35 days 25%

TOTAL COST, \$208,350

Bond, \$110,000. Surety, American Surety
Co. of New York. Limit, 200 days.
Forfeit, \$25. Plans and specifications
filed.

AGREEMENT.

In an agreement filed in the Re-
corder's Office October 25, 1913, Mr.
Johnson, the architects for Mr. Schied,
has given a list of exceptions to the
plans on the SW Cor. of Belvedere and
Grattan streets. The contractor, Otto
Carson, agrees to finish building as re-
quired by this agreement in considera-
tion of the owner filing acceptance.

NOTICE OF NON-LIABILITY.

Oct. 25, 1913—N POST 145 E Fillmore
E 26xN 137-6. Morris Schwartz as
to improvements on leased property
NOTICE OF NON-RESPONSIBILITY.

NOTICE OF NON-RESPONSIBILITY.

Oct. 20, 1913—SW SAN BRUNO AVE
25 SE Bacon SE 25xSW 95 Blk 5
University Mound Hd Ass'n, Sarah
Weinstein as to improvements on
leased property

NOTICE OF NON-RESPONSIBILITY.

Oct. 23, 1913—SW STEUART 45-10
SE Market SW 45-10SE 21-6.
Union Securities Cpn as to im-
provements on leased property....
Oct. 23, 1913—S MARKET AND
Steuart 45-10 on Market x 45-10
on Steuart. Union Securities Cpn
as to improvements on leased
property

COMPLETION NOTICES.

San Francisco.

Oct. 18, 191—W FOURTH AVE 75 N
Kirkham N 25xW 95. T F McBer-
nott and Sarah G McDermott to R
Keller.....Oct. 16, 1913

Oct. 18, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stolteneberg to Hacks &
Folte.....Oct. 16, 1913

Oct. 20, 1913—S BROADWAY 146-6 W
Taylor W 18-9xS 6. Lillian
Palmer and Emily E Williams to
J H Malloch.....Oct. 18, 1913

Oct. 20, 1913—E EIGHTH 267 S
Howard 39x137-6. A Hinkelmann
to O W Britt.....Oct. 17, 1913

Oct. 20, 1913—SE CALIFORNIA &
Gough E 72-6xS 100. Sylvia
Sonnaitacher to A H White.....Oct. 17, 1913

Oct. 20, 1913—SE EDDY & FILLMORE
S 275xS 130. Macdonald & Ka-
to whom it may concern.Oct. 17, 1913

Oct. 20, 1913—E TWENTY-FIRST
Ave 255 N Anza N 25xS 120. Mar-
garet Hamill to Thos Hamill.....Oct. 16, 1913

Oct. 20, 1913—W FOLSOM 460 N
Stoneman N 25xW 50. Giuseppe
Pedrone to Francesco Bonaccorso
.....Oct. 20, 1913

Oct. 20, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stolteneberg to McCar-
Brown.....Oct. 17, 1913

Oct. 20, 1913—N NINETEENTH 150 E
Sanchez 23x114. Louis J Henriouille
to S Malmiurg.....July 2, 1913

Oct. 20, 1913—W ARLINGTON 225 S
Mateo 25x100. John Halvorsen to
John P Dybdal.....Oct. 18, 1913

Oct. 21, 1913—NW JACKSON AND
Drummin N 60 S 60 W 60 E 60. Thos
W Butler to Cronan Cornice Wks
.....Oct. 21, 1913

Oct. 21, 1913—E NINTH AVE 275 N
"D" N 75xS 120. Daniel S McCarthy
to whom it may concern.Oct. 21, 1913

Oct. 21, 1913—NW POST AND SCOTT
N 165 W 192-6 S 55 E 55 S 110 E
137-6. Mount Zion Hospital to
Simonds Machinery Co. Oct. 17, 1913

Oct. 21, 1913—E BANKS 175 N
Eugenia Ave 25 on Banks x 70. Ber-
nardino Barbero to whom it may
concern.....Oct. 20, 1913

Oct. 21, 1913—W NINTH 200 S Market
S 25xW 50. Catherine Degan to F
G Denke.....Oct. 16, 1913

Oct. 21, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stolteneberg to Geo Haub
.....Oct. 16, 1913

Oct. 21, 1913—N BROADWAY bet
Baker and Broderick. Albert L
Ehrman to Frank M Garden & Co
.....Oct. 20, 1913

Oct. 21, 1913—SW BELVEDERE &
Grattan. Ernestine V Scheld to
Otto Carson & Co.....Oct. 20, 1913

Oct. 21, 1913—S FELL 134 W Polk W
31 S 135-2 1/4 to a pt on NW Market
NE 35-2 1/4 N 112-10 1/2. P J Mc-
Govern to Arthur Elvin.....Oct. 15, 1913

Oct. 21, 1913—SE SIXTH & MINNA
E 100 S 75 W 25 N 50 W 75 N 25
100 W Blk 38. Lange Invest Co to
J J Connolly & Son.....Oct. 14, 1913

Oct. 21, 1913—N BROADWAY 47-7 W
Grant Ave W 21-2xN 48-6. Prosper
Bacigalupi to G Caranza and A
Curran.....Oct. 20, 1913

Oct. 22, 1913—E STOCKTON 50 S
Sutter E 50 S 40-8 1/2. NO N 40-8 1/2.
Sierra Invest Co to John G Sutton.....Oct. 22, 1913

Oct. 22, 1913—E CHURCH 51 N 27th
N 25xS 95. Otto A Busse to Einar
Peterson.....Oct. 22, 1913

Oct. 22, 1913—NE SEVENTEENTH &
Hampshire E 200xN 133-4. Lux
School of Industrial Training to

James Mario Sons-Keenan Co

.....Oct. 20, 1913

.....E STOCKTON 50 S

.....S 80 S 40-8 1/2. NO N 40-8 1/2.

.....West Co to Van Emon Elev
.....Oct. 22, 1913

.....E 1913—S MISSION 146-6 W

.....W 102-10 S 50 W 7-4 S 80 E

.....N 1. Gantner & Mattern

.....to J. H. H. Assn to T E Daniel

.....Oct. 15, 1913

.....N PAGE 165 W Frank-

.....W 34-6xN 120. Druid's Hall

.....to J J Klenck. Oct. 22, 1913

.....E EIGHTEENTH AVE

.....to J. H. H. Assn to T E Daniel

.....Oct. 15, 1913

.....E FORTIETH AVE

.....S 75 S 75xS 190. Gustav and

.....to T. H. H. Assn to T E Daniel

.....Oct. 23, 1913

LIENS FILED

SAN FRANCISCO COUNTY.

Oct. 18, 1913—SE PINE & POWELL
E 68-6xS 60. P H Bielenberg, \$40:

.....Pagnanpa, \$1.25: F G Smith,

.....\$100: Herbert Ellis, \$40; Hugh Mc-

.....Morgan, \$28.75: F C Fish, \$40;

.....Harry Mills, \$54: E A Schkade, \$40;

.....A W Bray, \$40. Frank Grill, \$40 vs

.....John H. Boelig and Geo H Stoffels

.....Oct. 24, 1913—SW EDDY & MASON

.....W 127-6xS 137-6. Donald Mowat

.....& Thomas Mannix vs Down Town

.....Trusty Co. Jas K Prior, Jr, Lester

.....P. L. Land S. Mary Prior (widow),

.....Matilda Anderson, Margaret Del-

.....gier and Joseph Metzner.....\$800

.....Oct. 21, 1913—W FIFTEENTH AVE

.....on N Judah N 25xW 127-6. R M

.....Deventral vs Andres Emil Olsen

.....and H Nelson.....\$100

.....Oct. 21, 1913—W FIFTEENTH AVE

.....on N Judah N 25xW 127-6. Arthur

.....J. Olsen vs Anders E Olsen and H

.....Nelson.....\$28.97

.....Oct. 21, 1913—E FORTY-SEVENTH

.....Ave 118 S Balboa S 100xS 129. D D

.....L. Olsen vs E B Hallett and J W

.....S. Olsen & Co.....\$1125

.....Oct. 21, 1913—NW VAN NESS AVE

.....160-6xN 60xW 99. M. H. Hall

.....& Arthur North vs R T and May Mc-

.....Keenan and James P Sweeney.....\$6000

OAKLAND AND ALAMEDA

.....ALINGHAM W 1 1/2 story and base.

.....to be not stated. Berkeley, Ala-

.....mond, Cal. Are lect. John Hudson

.....Tanner. First National Bank Bldg.

.....Berkeley, Cal. C. M. Charruan. The

.....dwelling will be erected in North

.....Berkeley, Cal. designed for a seven room

.....dwelling with bath and sleeping por-

.....ch. The walls will be of pane up to some

.....feet and plaster. Oak floors will be

.....used in the living room dining room

.....and kitchen. There will be fire-

.....places in the living room. Man-

.....tiles will be used in the bath room

.....and kitchen. An ironing table water

.....closet will be installed. Exterior of

.....the dwelling will be covered with ce-

ment plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, F. R. Peske Co., 2127 University ave., Berkeley. The dwelling, designed for a seven room house, will be erected on Colusa avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with shingles. Plans are in the hands of the owners who will do the work by Day Labor.

BUNGALOW—1½ story and base, frame, \$2,500. Oakland, Cal. Architect, Colin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. Reynard. The house will be erected on Kates avenue and will contain five rooms and bath. A private garage will also be erected on the lot. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$1,500. Oakland, Cal. Architect, George Anderson, 6046 Lawton avenue, Oakland. Owner, T. Anderson. The dwelling will be erected on Lawton avenue near Broadway and will contain eight rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,500. East Oakland, Cal. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, W. C. Cooper. The dwelling has been designed for a seven room house and will be erected in Four Avenue Heights. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BUNGALOW—1 story and base, frame, \$2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, H. C. Pilling, 5508 S. 4th ave., Oakland. The dwelling will be erected on Fresno street near 58th avenue and has been designed for a six room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. The gas at will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the bungalow will be covered with

shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—2 story and base, frame, \$7,500. Berkeley, Alameda Co., Cal. Architect, J. W. Plachok, 1424 Spring street, Berkeley. Owner, Dr. J. H. Wood. The building will be erected on Russell street at the corner of Hillegeass and has been designed to contain four suites of three rooms and bath each. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a central heating system, probably furnace heat. Each living room will have an open fire place and tile mantel. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame. Cost not stated. Architect, John Carson, Bacon Bldg., Oakland. Owner, A. C. Brill. The building has been designed to contain four modern flats and will be erected on Filbert street south of 12th street. Interior finish will be of pine and redwood with some veneer hardwood. Oak floors will be used in the living rooms. There will be open fire places and tile mantels. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—7 story and base, brick and steel, \$110,000. Oakland, Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Friedman Realty Co. The building will be erected at the southwest corner of Clay and 16th streets covering an area of 60 by 100 feet. There will be stores on the first floor besides a large hotel lobby and office. Upper floors will be arranged for a large number of hotel rooms and baths. There will be a complete steel frame, exterior walls of brick, faced with pressed brick and terra cotta. Floors and interior partitions will be of fireproof construction. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service, hot and cold running water in all rooms and a vacuum cleaning system. Metal window sash and frames will be used. All bath rooms will have composition floors and tile wainscot. Plans are complete and figures are now being taken.

UNIVERSITY WORK—Department addition and tank, reinforced concrete construction. Cost not stated. Berkeley, Alameda Co., Cal. Architect's name not given. Owners, University of California. The Regents of the University of California have voted \$25,000 to construct an addition to the Woman's Gymnasium, also a building to house the department of drawing and design, estimated cost not stated, and an outdoor swimming pool for women. The latter will be 10x70 feet and of reinforced concrete. Further mention of this work will be made when plans are completed and figures called.

SCHOOL—2 story and base, Class A construction, \$150,000. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg. Oakland. Owners, City of Oakland. Bids opened for this work have been taken under advisement by the

Board of Education. Seven alternate propositions were considered. A complete list of the figures appears under the heading of Oakland and Alameda County in this issue.

Contracts Awarded.

BUNGALOW—1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, Mr. Gettymore. Contractor, L. J. Delhel, Berkeley. Contract price not stated.

Bids On Durant School, Oakland.

Bids For General Construction Opened With Seven Alternates. No Contract Awarded.

Four sets of bids were opened by the Oakland Board of Education on Monday night for the construction of the two-story Durant School, which is to be erected from plans by Architect J. J. Donovan. Bids were submitted with seven alternates. The first figure is for a Class "A" building. Alternate (a) making construction Class "C"; (b) omit 28 foot wings; (c) substituting Oregon pine floors in Class "A" building; (d) substituting Oregon pine floors in Class "C" building; (e) substituting Oregon pine mill work for oak in corridors; (f) substituting composition blackboards for slate in Class "A" building; (g) substituting composition blackboards for slate in Class "C" building.

The following is a complete list of all bids received. No action was taken on the award at last night's meeting:

General Construction Durant School.

Williams Bros. & Henderson, \$184,780

(a) \$169,340; (b) \$26,300; (c) \$2,300;

(d) \$968; (e) \$2,657; (f) \$1,200; (g) \$1,200.

Burt T. Owsley, \$166,310; (a) \$151,261; (b) \$23,631; (c) \$1,500; (d) \$1,950;

(e) \$2,100; (f) \$900; (g) \$900.

Van Sant-Houghton Co. \$169,211; (a) \$145,551; (b) \$23,865; (c) \$1,360; (d) \$1,500; (e) \$1,838; (f) \$500; (g) \$600.

Christenson Bros., \$154,872; (a) \$138,192; (b) \$24,967; (c) \$2,600; (d) \$2,700;

(e) \$2,450; (f) \$900; (g) \$900.

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Amt.
3103	Peters	Sehrens	2000
3104	De Benedetti	Cartwright	2700
3105	Brogden	Brogden	700
3106	Lenias	Whitmore	500
3109	Bdwy Dev	Burnett	14115
3110	Thomson	Giant	840
3113	Dean	Hollinbeck	1700
3114	Same	Same	1800
3115	Same	Same	1600
3116	Same	Same	180
3117	Settles	Settles	2000
3118	Helhel	Helhel	1800
3119	Morgensen	Morgensen	2500
3120	Ambuhl	Ambuhl	1800
3121	Hottes	Thompson	1400
3122	Dejaco	Moore	8100
3123	Bentler	Morris	1200
3126	Ghiglione	Burnett	550
3127	Bethany	Aalto	4500
3128	Bowling	Bowling	1400
3129	Simpson	Simpson	800
3130	Tufts	Kollmer	450
3133	Houston	Houston	3500
3134	Phillip	Fittner	1900
3135	Nenry	Nenry	1600
3136	Bruce	Bruce	2000
3127	S P	S P	400
3138	Reichold	Wieslander	5000

3139	Cushing	.....Dingwel	1574
3143	Christensen	.....Coleman	2000
3144	Cenjoa	.....Cenjoa	1400
3145	Ghiradella	.....Malley	3075
3146	Hallidge	.....Stanley	24
3147	Von Kael	.....Chaffin	1000
3151	King	.....Corbett	500
3152	Benson	.....Tayton	400
3153	Gooch	.....Jackson	600
3158	Bell	.....Stuart	2200
3162	Read	.....Farris	3500
3165	Weyman	.....Porter	1000
3166	Atkins	.....Atkins	700
3167	White Star	.....Fortin	600
3168	Esterbrook	.....Knight	400
3169	Paterson	.....Paterson	3500
3170	Mahoney	.....Peake	3250
3171	Swalley	.....Swalley	5000

(Correction In Owners Name)

(3025) S CHERRY LANE E County Road leading from Niles to Center-ville, Niles. All work for one-story 6-room dwelling.

Owner.....Clarence E. Martenstein.
Architect...None.
Contractor...F. G. Griffin & Sons.
Filed Oct. 14, '13. Dated Oct. 13, '13.
Frame up..... 1/4
1st coat plaster on..... 1/4
Completed..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$3053

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(Correction In Location)

(3036) N FORTY-SEVENTH 450 E Market 50x126, Oakland. All work for one-story 4-room dwelling.

Owner.....Lawrence S. Gavazza, 860 47th, Oakland.
Architect...None.

Contractor...Jose M. Silva and John Luzane, Oakland.

Filed Oct. 14, '13. Dated Oct. 6, '13.
Rough frame up.....\$300 00
1st coat plaster on..... 300 00
Completed and accepted..... 300 00
Usual 35 days..... 333 50

TOTAL COST, \$1233 50

Bond, none. Limit, 55 days after Oct. 6. Forfeit, \$5. Plans and specifications filed.

(3103) E TWENTY-SEVENTH AVE 150 S Foothill Blvd., Oakland. One-story 5-room dwelling.

Owner.....H. Peters, 1812 27th Ave., Oakland.
Architect...None.

Contractor...R. Schrensen, 1052 Fruitvale Ave., Oakland.

COST, \$2000

(3104) E KINGSTON AVE near Linda Ave., Piedmont. Six-room bungalow.

Owner.....Frank De Benedetti, 2208 8th Ave., Oakland.
Architect...Ivan Satterlee, 5637 Shafter Ave., Oakland.

Contractor...Cartwright & Lindberg, 5637 Shafter Ave., Okd.

COST, \$2700

(3105) S FIFTY-THIRD 200 E Market (rear), Oakland. Two-story 4-room dwelling.

Owner.....C. H. Brodgen, Premises.
Architect...None.
Day's work.....

COST, \$700

(3106) NO. 2776 E-EIGHTH, Oakland Addition.

Owner.....Earl Leniar, Premises.
Architect...None.
Contractor...Wm. Whitmore, 2891 Bohemer, Oakland.

COST, \$500

(3109) NW TWENTY-FOURTH AND Broadway th along Broadway 6142

W 111.42 N 59.50 W 40 S 119 E 136.25, Oakland. All work for one-story Class "C" garage.

Owner.....Broadway Development Co., Oakland.

Architect...Frederick H. Meyer, Bankers' Investment Bldg., S. F.
Contractor...Bruce B. Burnett, 208 Pantages Bldg., Oakland.

Filed Oct. 20, '13. Dated Oct. 14, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$14,115

Bond, \$7000. Surety, Globe Indemnity Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3110) NE COR SEVENTEENTH AND Broadway N 60x E 56-2, Oakland. Vacuum cleaning system for ten-story and Rosement Class "A" office building.

Owner.....Lucy Fay Thomson, 1955 Webster, Oakland by P. J. Walker Co., Agents, Monadnock Bldg., S. F.

Architect...W. D. Reed, Oakland Bank of Savings Bldg., Okd.

Contractor...Giant Suction Cleaner Co., 3rd and Jefferson, Okd.

Filed Oct. 20, '13. Dated Oct. 17, '13.
1st and 15th of each month..... 75%
Completed and accepted, balance of..... 75%
36 days after..... 25%

TOTAL COST, \$840

Bond, \$420. Sureties, N. Alper and S. H. Rowland. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3113) N NADEAN PLACE 100 W 55th Ave., Oakland. One-story 5-room dwelling.

Owner.....Dean & Wade, Oakland.
Architect...None.

Contractor...G. B. Hollinbeck, 5210 Fairfax Ave., Oakland.

COST, \$1700

(3114) N NADEAN PLACE 320 W 55th Ave., Oakland. One-story 5-room dwelling.

Owner.....Dean & Wade, Oakland.
Architect...None.

Contractor...G. B. Hollinbeck, 5210 Fairfax Ave., Oakland.

COST, \$1800

(3115) N NADEAN PLACE 240 W 55th Ave., Oakland. One-story 4-room dwelling.

Owner.....Dean & Wade, Oakland.
Architect...None.

Contractor...G. B. Hollinbeck, 5210 Fairfax Ave., Oakland.

COST, \$1600

(3116) N NADEAN PLACE 160 W 55th Ave., Oakland. One-story 5-room dwlg

Owner.....Dean & Wade, Oakland.
Architect...None.

Contractor...G. B. Hollinbeck, 5210 Fairfax Ave., Oakland.

COST, \$1900

(3117) SE WALNUT & COURTLAND Ave., Oakland. One-story 5-room dwelling.

Owner.....J. E. Settles, 1544 Broadway, Oakland.
Architect...None.
Day's work.....

COST, \$2000

(3118) E RHODA AVE 50 S Madlin, Oakland. One-story 5-room dwlg.

Owner.....Adolph Hevel, 3738 Rhoda Ave., Oakland.
Architect...None.

Day's work.....

COST, \$1800

(3119) S ARLINGTON AVE 375 E Park Oakland. One-story 3-room dwlg.

Owner.....Morgensen Bros., 554 63rd, Oakland.
Architect...None.

Day's work.....

COST, \$2500

(3120) NE NINETIETH AVE & WALnut, Oakland. Two-story 6-room dwelling and store.

Owner.....A. Ambuhl, 795 12th, Okd.
Architect...Chas. Mau, McDonough Bldg., Oakland.

Day's work.....

COST, \$1500

(3121) W THIRTY-SIXTH AVE 320 S Lloyd Ave., Oakland. One-story 4-room dwelling.

Owner.....Jno. W. Hottes, 5409 Wentworth Ave., Oakland.
Architect...None.

Contractor...H. F. Thompson, 729 36th Ave., Oakland.

COST, \$1400

(3122) E WEST 47 N Sixth, Oakland. Two-story apartments and stores.

Owner.....F. Depavo and L. Grachino, 301 Market, Oakland.
Architect...None.

Contractor...R. E. Moore, 615 Hobart, Oakland.

COST, \$490

(3123) NE SIXTH AND WEST, Oakland. Two-story stable.

Owner.....F. Depavo & L. Grachino, 301 Market, Oakland.
Architect...None.

Contractor...R. E. Moore, 615 Hobart, Oakland.

COST, \$3000

(3126) W COLLEGE AVE, bet Shafter and Forest, Oakland. Two-story flat and store.

Owner.....F. Ghiglione, 5629 College Ave., Oakland.
Architect...None.

Contractor...Chas. H. Burnett, 565 32nd, Oakland.

COST, \$5500

(3130) NO. 2264 E-SEVENTEENTH, Oakland. Alterations.

Owner.....Geo. F. Dowling, 349 Portland Ave., Oakland.
Architect...None.

Day's work.....

COST, \$100

(3131) SW DAMUTH & LAGUNA AVE Oakland. One-story 3-room dwlg.

Owner.....Jno. L. Simpson.
Architect...None.

Day's work.....

COST, \$800

(3133) E MANOR DRIVE, LOT NO. 34 Piedmont. Two-story frame dwlg.

Owner.....H. P. Houston, 515 Security Bank Bldg., Oakland.
Architect...Claude B. Barton, 515 Security Bank Bldg., Okd.

Day's work.....

COST, \$3500

(3134) NO. 1924 FRUITVALE AVE., Oakland. Alterations.

Owner.....Fayette H. Philip, Prem.
Architect...E. J. Symmes, 585 37th Oakland.
Contractor...Jos. Flittner, 1735 35th Ave., Oakland.

COST, \$1900

(3135) N ARLINGTON 180 E Park, Oakland. One-story 4-room dwelling. Owner.....Wm. J. Neary, 1723 Telegraph Ave. Oakland. Architect...None. Day's work. COST, \$1600

(3136) S WENTWORTH AVE 180 E 52nd Ave., Oakland. One-story 6-room dwelling. Owner.....J. C. Bruce, 2207 42nd Ave. Oakland. Architect...None. Day's work. COST, \$2000

(3137) NO. 412 THIRTEENTH, Oakland. Alterations. Owner.....Southern Pacific Co. Prem. Architect...None. Day's work. COST, \$ 4

(3138) N RICH 300 W Webster, Oakland. Two-story 8-room dwelling. Owner.....Wm. Reichold, 542 24th, Oakland. Architect...None. Contractor...J. D. Wieslander, 4102 Gilbert, Oakland. COST, \$1400

(3139) NO. 636 HIGHLAND AVE., Piedmont. All work for two-story garage. Owner.....Ellen Frances Cushing, Piedmont. Architect...Milwan Bros., Delger Bldg. Oakland. Contractor...J. F. Dingwell, 2021 West, Oakland.

Filed Oct. 22, '13. Dated Oct. 21, '13. Frame up and roof rafters in place\$590.25 Completed and accepted..... 590.25 Usual 35 days..... 393.50 TOTAL COST, \$1574.00 Bond, \$787. Sureties, J. B. Cruz and Judson McCully. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(3143) S TWENTY-EIGHTH 68 E Chestnut, Oakland. One-story, 5-room dwelling. Owner.....Mr. and Mrs. E. V. Christensen, 28th and Union, Oakland. Architect...None. Contractor...Coleman & Grimmons, 3027-3033 Magnolia Ave., Oakland. COST, \$2000

(3144) SE PARK AND CHAPMAN, Oakland. One-story 4-room dwlg. Owner.....Maurice Cenjoa, 2879 Rockmer, Oakland. Architect...None. Day's work. COST, \$1400

(3145) W GRAND AVE 100 N Cottage, Oakland. One and one-half-story 7-room dwelling. Owner.....M. Ghiradella, 3001 Grove, Oakland. Architect...None. Contractor...F. T. Malley, 2001 Grove, Oakland. COST, \$3075

(3146) N TAFT AVE 160 E Broadway, Oakland. One-story 6-room dwlg. Owner.....Geo. H. Hallidge, Alameda. Architect...None. Contractor...C. B. Stanley, 1507 50th Ave., Oakland. COST, \$2400

(3147) S REDWOOD ROAD opp Morosco's Place, Oakland. One-story 4-room dwelling. Owner.....A. Von Kanel, Fruitvale. Architect...None. Contractor...J. E. Chaffin. COST, \$1000

(3151) NO. 235-37 BROADWAY, Oakland. Fire repairs. Owner.....J. H. King, Premises. Architect...None. Contractor...Corbett & Bayless, 1110 Franklin, Oakland. COST, \$500

(3152) NO. 5256 CLAREMONT AVE., Oakland. Tank frame. Owner.....W. Benson, Premises. Architect...None. Contractor...F. Taiton, 5237 Miles Ave., Oakland. COST, \$400

(3153) NO. 3912 PENIMAN AVE., Oakland. Addition. Owner.....Mary Gooch, Premises. Architect...None. Contractor...C. A. Jackson, 2913 Viola, Oakland. COST, \$600

(3158) N THIRTY-NINTH 525 W Market, Oakland. One-story 5-room dwlg. Owner.....G. R. Bell, 616 41st, Okd. Architect...None. Contractor...B. A. Stuart, 616 41st, Okd. COST, \$2200

(3162) E BENVENUE AVE 100 N Alcatraz Ave Lot 21 blk 1, Fairview Park, Oakland. All work for one-story 6-room dwelling. Owner.....B. C. Read, 138 Ricardo Ave., Oakland. Architect...None. Contractor...W. A. Farris, 16 Monte Vista Ave., Oakland. Filed Oct. 25, '13. Dated Oct. 24, '13. Ready for plaster..... ¼ Plastered ¼ Completed ¼ Usual 35 days..... ¼ TOTAL COST, \$3350 Bond, none. Limit, 90 days after Oct. 27. Forfeit, none. Plans and specifications filed.

(3165) NO. 2023 RUTHERFORD, Oakland. Alterations and additions. Owner.....Miss Eugenie Weyman, 804 54th Ave., Oakland. Architect...None. Contractor...J. N. Porter, 2029 Rutherford, Oakland. COST, \$1000

(3166) N ORION 121½ W 62nd Ave., Oakland. One-story 4-room dwlg. Owner.....C. P. Atkins, 5935 Orion, Oakland. Architect...None. Day's work. COST, \$700

(3167) THIRTY-NINTH & DIAMOND, Oakland. Alterations. Owner.....White Star Laundry Co., Premises. Architect...None. Contractor...V. L. Fortin & Son, 1011 Franklin, Oakland. COST, \$450

(3168) NO. 316 FOREST, Oakland. Alterations.

Owner.....J. J. Esterbrook, Premises. Architect...None. Contractor...H. C. Knight, 1725 Broadway, Oakland. COST, \$400

(3169) N SIXTY-FIRST 230 E San Pablo Ave., Oakland. One-story four room dwelling. Owner.....E. R. Paterson, 1607 Todd, Oakland. Architect...None. Day's work. COST, \$550

(3170) W VINCENTE ROAD Lot 66, Claremont Heights, Oakland. One and one-half-story 6-room dwlg. Owner.....J. W. Mahoney, 1409 Spring Berkeley. Architect...None. Contractor...F. R. Peake Co., 2127 University Ave., Berkeley. COST, \$3250

(3171) W WALKER AVE 360 S Cottage, Oakland. Two-story 9-room dwelling. Owner.....H. M. Swalley, 745 Grand Ave., Oakland. Architect...None. Day's work. COST, \$5000

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
3102	Pfrang	Pfrang	3000
3107	Fuller	Sherwood	1500
3108	Turner	Turner	1600
3111	Richs	Wood	1800
3112	Hadjopoulos	Aalto	2000
3124	Way	Service	2000
3127	Depayo	Moore	3000
3128	Tegart	Junk	4500
3129	Roe	Ideal	3500
3140	Timberger	Kollmer	4000
3141	Elstrat	Berriman	1600
3142	Hynes	Larmer	1750
3148	Rickey	Sullivan	1540
3149	Miller	Doyle	400
3150	Boehme	DeVal	400
3157	Cal Ink	Rechter	5000
3159	Gettemy	Deibel	2290
3160	Barnett	Hughson	1858
3161	Brown	Bischoff	3500
3163	Brain	Junk	17800
3164	Hadjopoulos	Aalto	2000

(3162) W FRESNO AVE 300 S Solans Ave., Berkeley. One-story 6-room dwelling. Owner.....H. C. Pfrang, 5359 Shafter Ave., Oakland. Architect...None. Day's work. COST, \$2000

(3167) N WARD 300 E Mabel, Berkeley. One-story 5-room dwlg. Owner.....J. H. Fuller, 2377 Woolsey Berkeley. Architect...E. W. Stillwell & Co., Los Angeles. Contractor...F. E. Sherwood, Stege. COST, \$1500

(3168) NE SNYDER AVE AND 8TH, Berkeley. One-story 7-room dwlg. Owner.....A. B. Turner, 1082½ 43rd, Oakland. Architect...None. Day's work. COST, \$1600

(3111) S WARD 215 E Sacramento, Berkeley. One and one-half-story 4-room dwelling. Owner.....Carl Richs, 3241 California, Berkeley. Architect...None. Contractor...C. H. Wood, 5222 Dover, Oakland. COST, \$1800

(3112) E SAN PABLO AVE 76 N Addison, Berkeley. One-story garage. Owner.....Z. G. Hadjopoulos, Bkly. Architect...None. Contractor...E. J. Aalto, 1531 California, Berkeley.

COST, \$2000

(3123) N HEARST 102 E Franklin, Berkeley. One-story 5-room dwlg. Owner.....Wm. C. Benter, 18th and Telegraph Ave, Okd. Architect...None. Contractor...R. Morris, 172 1/2 Telegraph Ave., Berkeley.

COST, \$1300

(3124) W KAINS AVE 95.38 S Cedar, Berkeley. Two-story 12-room flats. Owner.....J. F. and Clara Way, 2101 Golden Gate Ave., S. F. Architect...None. Contractor...C. A. Service, R R 4, Santa Rosa.

COST, \$2000

(3127) S UNIVERSITY AVE 300 W Grant, Berkeley. One-story church. Owner.....Bethany Lutheran Church, Premises. Architect...None. Contractor...E. J. Aalto, 1531 California, Berkeley.

COST, \$4500

(3128) N ROSE 40 E Greenwood Terrace, Berkeley. One-story 5-room dwelling. Owner.....F. J. Teggart, 1534 Spring, Berkeley. Architect...None. Contractor...Junk-Riddell Co., 2247 Telegraph Ave., Berkeley.

COST, \$4500

(3129) S TACOMA AVE 156 W The Alameda, Berkeley. Two-story 7-room dwelling. Owner.....Nellie Roe, 1755 San Pedro Ave., Berkeley. Architect...None. Contractor...Ideal Bldg. Co., 1755 San Pedro Ave., Berkeley.

COST, \$3500

(3132) NO. 2442 PIEDMONT, Berkeley Repairs. Owner.....M. Tufts, Premises. Architect...None. Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

COST, \$450

(3140) — MARIPOSA 500 S Los Angeles, Berkeley. Two-story 8-room dwelling. Owner.....A. F. Timberger, 2238 Chan-ning Way, Berkeley. Architect...None. Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

COST, \$4000

(3241) S STUART 360 W McGee, Berkeley. One and one-half-story five-room dwelling. Owner.....Francis Elstrat, 1617 Market, Oakland. Architect...None. Contractor...Henry Berriman, 1701 Woolsey, Berkeley.

COST, \$1600

(3142) N CARLTON 280 W McGee, Berkeley. One-story 5-room dwlg. Owner.....W. Hynes, Berkeley. Architect...None. Contractor...Edw. Larnier, 631 Poirier, Berkeley.

COST, \$1750

(3148) LOT "F" BLK 2 Claremont, Berkeley. All work for one and one-half-story plastered garage. Owner.....T. B. Rickey, 4 Encina Place, Berkeley.

Architect...None. Contractor...H. E. Sullivan, 6441 Harmon Court, Oakland.

Filed Oct. 23, '13. Dated Oct. 21, '13. Frame up 1/4 Brown coated 1/4 Completed and accepted..... 1/4 Usual 35 days..... 1/4

TOTAL COST, \$1540

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(3249) SW DWIGHT AND MILVIA, Berkeley. Two-story bary. Owner.....C. Miller, Premises. Architect...None. Contractor...J. M. Doyle, 2006 University Ave., Berkeley.

COST, \$1000

(3150) NO. 2001 FRUITVALE AVE., Berkeley. Alterations. Owner.....G. A. Boehme, \$16 5th, Oakland. Architect...None. Contractor...O. Duval & Son, 1st National Bank Bldg., Oakland.

COST, \$100

(3157) N CAMELIA 59 W 4th, Berkeley Alterations and reconstruction. Owner.....California Ink Co., Prem. Architect...None. Contractor...F. C. Richter, 1912 Vine, Berkeley.

COST, \$5000

(3159) LOT 17 BLK 3 Arlington Oaks, Berkeley. All work for two-story and basement dwelling. Owner.....W. R. Gettemy. Architect...Smith & Stewart, 244 Kearny, San Francisco. Contractor...L. J. Deibel. Filed Oct. 23, '13. Dated Oct. 21, '13. Frame up and roof boarded..... \$570 Interior finish on..... 570 Completed and accepted..... 570 Usual 35 days..... 580

TOTAL COST, \$2290

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(3160) S CHANNING WAY, bet Roosevelt and McGee Ave., Berkeley. All work for one-story 5-room dwelling. Owner.....Margaret J. Barnett, Bkly. Architect...None. Contractor...Hughson & Donnelly, 1609 Stuart, Berkeley.

Filed Oct. 24, '13. Dated Oct. 23, '13. Frame up 1/4 Plastered 1/4 Completed 1/4 Usual 35 days..... 1/4

TOTAL COST, \$1855

Bond, Mortgage on Lot 12 Blk 17 Map San Pablo Park, Bkly. Limit, 75 days after Oct. 27. Forfeit none. Plans and specifications filed.

NOTE:—Bond in this case is a mortgage

(3161) LOT 10 BLK 6 Fairview Park Tract, Berkeley. All work for one and one-half-story 7-room dwelling. Owner.....Mrs. Ella Button Brown, Berkeley. Architect...None. Contractor...John A. Hise, off. 349 62nd, Oakland.

Filed Oct. 24, '13. Dated Oct. 21, '13. Ready for plaster..... 1/4

Plastered 1/4 Wood work completed..... 1/4 Completed 1/4

TOTAL COST, \$3500

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3163) S DERBY 110 E College Ave E Box 102-5, Berkeley. All work for two-story 25-room apartment house. Owner.....Louise B. Brain, 1410 Josephine, Berkeley. Architect...None.

Contractor...Junk-Riddell Invest Co., Berkeley National Bank Bldg., Berkeley.

Filed Oct. 25, '13. Dated Oct. 22, '13. Frame up 1/4 Brown coated 1/4 Completed and accepted..... 1/4 Usual 35 days..... 1/4

TOTAL COST, \$17,800

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(3164) E SAN PABLO AVE 75.62 N Addison N 30.12 E 109.52 S 35 W 106.35 N 5, Berkeley. All work except 60,000 bricks to be furnished by owner for one-story brick garage. Owner.....Z. G. Hadjopoulos, Bkly. Architect...None. Contractor...E. J. Aalto, 1531 California, Berkeley.

Filed Oct. 25, '13. Dated Oct. 21, '13. Brick walls up..... 1/4 Roof on and enclosed..... 1/4 Completed and accepted..... 1/4 Usual 35 days..... 1/4

TOTAL COST, \$2000

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded Alameda.

No.	Owner	Contractor	Am't.
3251	Sund y	Fredricksen	1200
3255	Fewley	Bolts	3500
3256	Ryder	Sylvester	1950

(Correction in Owner's Name)

(3289) N PACIFIC AVE 285 W 5th N 15th W 50, No. 653 Pacific Ave., Alameda. All work for one-story 7-room dwelling. Owner.....G. Firpo, 207 Cypress, Ala. Architect...None. Contractor...Chas. H. Burnett, 865 32nd, Oakland.

Filed Oct. 18, '13. Dated Oct. 10, '13. Frame up 1/4 Rough plaster on..... 1/4 Completed 1/4 Usual 35 days..... 1/4

TOTAL COST, \$3000

Bond, none. Limit, 90 days. Forfeit, \$5. Specifications only filed.

(3154) NO. 1904 CHAPIN, Alameda. One-story dwelling. Owner.....O. Sundby, Alameda. Architect...None. Contractor...Fredricksen & Ericksen, 1916 Hearst Ave., Berkeley.

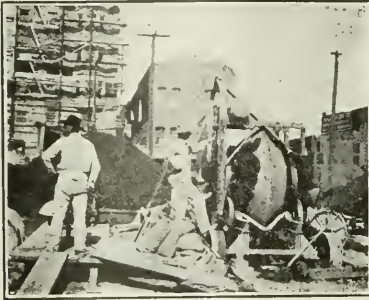
COST, \$2120

(3250) FAIR OAKS AVE 25 feet W of Sherman Alameda. Two-story dwlg. Owner.....Thomas W. Bewley, Ala. Architect...F. E. Bewley S. F. Contractor...M. C. Bolts, Alameda.

COST, \$3500

(3250) NO. 339 SANTA CLARA AVE., Alameda. One-story dwelling.

Get It From Bacon



Foote Mixer on building work.
Lang & Bergstrom, Contractors.



The Concrete Mixer of Quality Carried in Stock by EDWARD R. BACON CO. CONTRACTORS EQUIPMENT.

Successors to

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Telephone Sutter 1675

38-40 NATOMA ST., S. F.

Edward R. Bacon is positively not connected with any other firm.

Owner.....Ray W. Ryder, 204 1st National Bank Bldg., Oakland
Architect...None.
Contractor...C. W. Sylvestre, 1623 Hearst Ave., Berkeley.

COST, \$1,950

BUILDERS' BOND.

Oct. 19, 1913—LOT 4 ELK 9 Claremont, Bkly. Owner, Mr. Bowman; contractor, Bay City Bldg Co., Inc. Surety, Chicago Bonding & Surety Co. Bond, \$4490. Contract filed Oct. 10, 1913

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Oct. 14, 1913—NW TWENTY-FIRST and Telegraph Ave N 100 W 158-11 7-16 S 100 th along N in 21st 160 to beg, Okd. Young Men's Christian Association to Yager Sheet Metal Co.,Oct. 3, 1913
Oct. 14, 1913—LOTS 8 AND 9 BLK "G" 3 Map Regents Park No. 6, Oakland Tp. County Line Land Co as to improvements on leased property Map Huntington Tract, Okd. J S Ramos to whom it may concern,Aug. 1, 1913
Oct. 15, 1913—LOTS 4 & 5 Map Ellsworth Tct, Bkly. Alameda County Home Investment Co to F E Nelson

.....Oct. 6, 1913
Oct. 15, 1913—S NINETEENTH 100 E Broadway E 50xS 100, Okd. F T McHenry to McCreary & SampsonOct. 15, 1913
Oct. 15, 1913—LOT 4 Map Walker & Bradhoff Tract, Okd. Mrs Georgie E Wilkinson to E T Leiter & SonsOct. 14, 1913
Oct. 15, 1913—LOT 12 BLK "A" Map Hemphill Tract, Brooklyn Tp. Chas W Ruedy to C B Stanley,Oct. 11, 1913
Oct. 16, 1913—N FORTY-FIRST 100 E Telegraph Ave E 40xN 88.95, Okd. William English to John BernhardtOct. 7, 1913
Oct. 17, 1913—S FIFTY-SIXTH 116.32 W Park W 25xS 91, Okd. David Robert Berry\$2600
Oct. 18, 1913—LOT 9 BLK 2 Map Claremont, Bkly. Hattie M Turton (wf F R)\$7500
Oct. 17, 1913—NW TWENTY-FIRST & Telegraph Av N 100 W 158-11 7-16 S 100 th along N in 21st 160 to beg, Okd. The Young Men's Christian Association to Yager Sheet Metal Co.,Oct. 3, 1913
Oct. 17, 1913—NW GREENWOOD Ave NE Fleet NW 34.66 NE 61 SE to pt distnd 64 NE from pt beg NW 61, Okd. B Axel Oveln to John Vaugun,Oct. 16, 1913
Oct. 18, 1913—LOT 6 BLK 2 Map Lakeside Tract Adams Point Ppty, Okd. C H Edgington to G R WhildenOct. 18, 1913
Oct. 18, 1913—LOT 25 BLK 3 Map Thousand Oaks, Bkly. George Friend to Spring Constr Co.,Oct. 14, 1913
Oct. 18, 1913—BOUNDED ON W by Webster, S by N in Oakland Har-

bor, E by water slip bunkers and land Bay Development Co, on N by alley known as Heinhole Ave, Okd. Webster St. Wharf Co to San Francisco Bridge Co.,Sept. 25, 1913
Oct. 20, 1913—W TELEGRAPH AVE 100 S 16th S 130 NW 163.95 SW 102.44 N 130 NE 90 NW 5.72 NE 112.89 SE 74 SW 100, Okd. Kahn Realty Co to W P Fuller & Co.,Oct. 20, 1913
Oct. 23, 1913—LOT 13 BLK "A" Map Hemphill Tract, Okd. Chas W Ruedy to C B Stanley,Oct. 17, 1913
Oct. 21, 1913—NW TWENTY-FIRST and Telegraph Ave N 100 W 158-11 7-16 S 100 th along N in 21st 160 to beg, Okd. Young Men's Christian Ass'n to J C Peterson, Oct 17, '13; C ChristensenOct. 17, 1913
Oct. 21, 1913—LOT 41 Map North Christiana Tract, Albany. Patrick Nelson Bldg Co to whom it may concern,Oct. 17, 1913
Oct. 21, 1913—LOTS 13, 14 AND 15 BLK "R" Knowles-Posser Sbdvn of Kennedy Tract, Brooklyn Tp. Ideal Laundry Co to W G Thornalley,Oct. 14, 1913
Oct. 21, 1913—W PTN LOT 29 Map Potts Tract, Okd. Margaret A Powers to John Laamanen,Completed
Oct. 21, 1913—LOT 19 BLK 2 Hotel Claremont Tract, Bkly. Otto Mailanen, Paul Gustafsen and August Laine to whom it may concern,Oct. 15, 1913
Oct. 23, 1913—NW BROADWAY & N 26th W 153.63 W 233.20 E 199.94 S 52.13 SW 187, Okd. The First Presbyterian Church of Oakland to Sartorius Co, Oct. 17, '13; W W Tucker Co, Oct. 10, '13; Thomas Day Co.,Oct. 15, 1913
Oct. 23, 1913—NE THIRTEENTH & Webster E 100xN 50, Okd. H A Powell to Judson Mfg Co.,Oct. 20, 1913
Oct. 23, 1913—PTN 10 ACRE TRACT conveyed by Executors Estate of Faxton D Atherton to Ferdinand and Celia Laura Klee, deed dated June 17, 1881, recorded Libre 221 of Deeds Page 169, Hayward. Hayward School District to E AndersonSept. 25, 1913
Oct. 24, 1913—N LINDA AVE 103 E Piedmont Ave E 41.5xN 128, Oakland Tp. Ellen B Connahan to Charles M MacGregor,Oct. 24, 1913
Oct. 24, 1913—SE LAWTOWN AVE 403.75 NE Clifton th along Lawton 40xSE 100, Okd. Andrew Nelson to whom it may concern,Oct. 20, 1913
Oct. 24, 1913—LOT 35 BLK 14 Regents Park No. 4 SE Cor. Stannage Ave and Dartmouth, Albany. Berkeley Bldg & Mortgage Co to F R Peake Co.,Oct. 23, 1913
Oct. 24, 1913—LOTS 1 AND 2 BLK 3 Thousand Oaks, Bkly. Elinor Harrell Kennedy to Arthur T Riggs,Oct. 14, 1913

LIENS FILED.

ALAMEDA COUNTY.

Oct. 10, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40xS 123, Okd. Henry Cowell Lime & Cement Co vs J C and Laura Peterson and B B Wickersham,\$121.40
Oct. 10, 1913—S THIRTY-THIRD 398.95 W Telegraph Ave W 40xS 123, Okd. W J Ridney (Oakland

Wednesday, Oct. 29, 1913.

Mantel Co.) vs J C Peterson, Laura Peterson, B S Wickersham...\$175.95
 Oct. 11, 1913—S DWIGHT WAY 120 E Ellsworth E 60.5xS 134.5, Bkly. E H Bellows (Pacific Wall Bed Co) vs Estate of Willis G Witter and Elizabeth Gooding Witter...\$165.50
 Oct. 14, 1913—LOT 15 BLK "C" Map Sunnyslope, Okd. Hogan Lumber Co vs C M Covell and C L Decker...\$143.32
 Oct. 16, 1913—N ELIZABETH new 67th 125 from E in San Pablo Ave E 25 N 110.09 W 22.3 S 110.72, Okd. J A Graves and J W Beck, \$72; A Soda, \$30.50 vs Margaret A and Thos J Powers and John Laamanen
 Oct. 16, 1913—LOT 1 and W 10 feet Lot 2 Blk 119 Map Allston Tract, Bkly. Fred Nyberg, \$39; Berkeley Lumber Co, \$174.45; A Soda, \$111.05; J A Graves and J W Beck, \$43.75 vs Samuel Illich & John Laamanen
 Oct. 18, 1913—LOT 23 Map Dimond Vista, Okd. Hogan Lumber Co vs C M Blabon...\$73.31
 Oct. 18, 1913—LOT 24 and W 2 feet Lot 23 and E 22 feet Lot 25 Blk 95, Kellersberger's Map of Oakland, Hogan Lumber Co vs Oliver Legault and Martial Davoust...\$1526.21
 Oct. 20, 1913—LOT 35 BLK 16 Map Havenscourt, Okd. Inland Floor Co vs Havenscourt Co, C Barkoff, K Gustafson & W G Harlan...\$32.57
 Oct. 20, 1913—LOT 37 BLK 16 Map Havenscourt, Okd. Inland Floor Co vs Havenscourt Co, C Barkoff, John Doe Taylor and W G Harlan...\$28.48
 Oct. 20, 1913—LOT 1 and W 10 feet Lot 2 Blk 119 Map Allston Tract, Bkly. Contra Costa Bldg Materials Co vs Samuel Illich and John Laamanen...\$58
 Oct. 20, 1913—LOT 26 BLK "D" 4557 of Revised Map of Fairview Tract, Piedmont. Wm J Tobin & Edmund Heafey vs A Matheson...\$33
 Oct. 20, 1913—LOT 30 BLK "D" 4557 of Revised Map Fairview Tract, Piedmont. Wm J Tobin & Edmund Heafey vs A Matheson...\$40
 Oct. 20, 1913—LOT 21 and W 3 ft Lot 23 and E 22 Lot 35 Blk 95, Kellersberger's Map, Oakland, California Door Co vs Oliver Legault and Martial Davoust...\$150.49
 Oct. 23, 1913—SE NINTH & ALLSTON WAY E 50xS 100, Bkly. John P Maxwell (Maxwell Hardware Co) vs John Laamanen and Samuel Illich...\$44
 Oct. 23, 1913—N SIXTY-SEVENTH 125 E San Pablo Ave N 110.72 E 22.13 S 110.09 W 25, Okd. John P Maxwell (Maxwell Hardware Co) vs John Laamanen and Margaret Powers...\$23
 Oct. 24, 1913—SE THIRTY-FOURTH and Market E 100xS 50, Okd. J S Carr vs A Glibkarg...\$12
 Oct. 24, 1913—LOT 32 BLK 101 Map Allston Tract, Bkly. Martin S Foss, \$170.02; F W Foss Co, \$95.03 vs M G Fox and A C C Krueger.

SAN JOSE AND THE SANTA CLARA VALLEY.

HOTEL—3 story and base, reinforced concrete, \$50,000. Burlingame, San Mateo Co., Cal. Architect, John J. Foley, 16 Kearny street, S. F. Owner J. H. Hatch, Burlingame. The building will be erected on San Mateo Drive near the business center of the

city and will cover an area of 60 by 100 feet. First floor will contain a large lobby, office, public dining room and ladies' and gentlemen's parlors. Upper two floors have been arranged for a total of 75 guest rooms nearly all of which will have private baths. Interior finish will be of pine and hardwoods. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, an automatic elevator, hot water supply and vacuum cleaning system. Exterior will be faced with cement plaster. Plans are being prepared.

Building Contracts.

SANTA CLARA COUNTY.

ON MAIN STREET E Park Lane, Los Gatos. Reconstruction of damaged building.

Owner.....J. L. Hicks Co., Los Gatos.
 Architect.....None.

Contractor.....J. C. Thorp, Smout Bldg., San Jose.

Filed Oct. 14, '13. Dated Oct. 11, '13.

As work progresses..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$1400

Bond, \$700. Sureties, A L Hubbard and E. E. Cruo. Limit, 30 days. Forfeit, none. Plans and specifications filed.

LOT 7 BLK 5 Maypark Tract, San Jose. All work for one-story frame residence.

Owner.....A. G. Oschner, San Carlos and 15th Sts., San Jose.

Designer.....A. P. Hill Jr., 295 S-16th, San Jose.

Contractor.....Chas. Thomas, 629 N-San Pedro, San Jose.

Filed Oct. 14, '13. Dated Oct. 9, '13.

Frame up and roof on.....\$1007 50
 Plaster on..... 1007 50

When completed..... 1007 50
 Usual 35 days..... 1007 50

TOTAL COST, \$4030 00

Bond, \$2030. Sureties, J. A. Chase and H. S. Thomas. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOT 15 Burk Tract, Los Altos. All work for one-story frame residence.

Owner.....T. N. Perkins and R. W. Boyden, Boston, Mass.

Architect.....Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor.....J. B. Dawson, Los Altos.

Filed Oct. 17, '13. Dated Oct. 17, '13.

Frame up and boarded and chim-
 ney up.....\$878 10

1st coat plaster on..... 878 15
 When completed..... 878 10

Usual 35 days..... 878 15
 TOTAL COST, \$3512 50

Bond, \$1800. Sureties, J. Dudfield and H. F. Wright. mit, 75 days. Forfeit, none. Plans and specifications filed.

ON MINNESOTA AVE near Lincoln Ave, San Jose. All work for one-story frame residence.

Owner.....P. F. Clark, San Jose.

Architect.....P. F. Wolfe, 1st National Bank Bldg., San Jose.

Contractor.....R. C. Herschbach, 320 W. St. James, San Jose.

Filed Oct. 17, '13. Dated Oct. 14, '13.

Frame up.....\$985

Plaster on..... 985
 When completed..... 985

Usual 35 days..... 985
 TOTAL COST, \$2940

Bond, \$1970. Surety, U. S. Fidelity &

Guaranty Co. of Baltimore, Md. Limit, 90 days. Forfeit, \$1 per day. Plans and specifications filed.

NEAR COR. STOCKTON & LENZEN Aves, San Jose. All work for reinforced concrete factory building.

Owner.....G. A. Muirson, 1555 Alameda, San Jose.

Architect.....Wm. Binder, Rea Bldg., San Jose.

Contractor.....E. E. Weldon, 78 Marshall, San Jose.

Filed Oct. 18, '13. Dated Oct. 16, '13.

Between 1st and 6th of each month
 as work progresses..... 75%

Usual 35 days..... 25%
 TOTAL COST, \$7800

Bond, \$3900. Surety, U. S. Fidelity & Guaranty Co. of Baltimore, Md. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOT 2 ELK 12 University Survey, San Jose. All work for two-story frame residence.

Owner.....R. M. Fisher, San Jose.

Architect.....Wm. E. Higgins, San Jose.

Contractor.....T. L. Hoyt, 566 N-16th St., San Jose.

Filed Oct. 15, '13. Dated Oct. 15, '13.

Concrete foundation formed.....\$ 345

and floor joists placed..... 750

Frame completed..... 500

Exterior completed..... 1000

Rough plumbing in..... 750

Lathing & plastering completed..... 500

Building completed..... 500

Usual 35 days..... 1515

TOTAL COST, \$6660

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

HEMESTEAD ROAD West of Santa Clara. All work for two-story frame dwelling.

Owner.....Geo. Glendenning, Santa Clara.

Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor.....H. T. Waltz, San Jose.

Filed Oct. 20, '13. Dated Oct. 13, '13.

Frame up.....\$1240

Brown plaster on..... 1240

building completed..... 1240

Usual 35 days..... 1240

TOTAL COST, \$4960

Bond, \$2480. Surety, U. S. Fidelity & Guaranty Co. of Maryland. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

NO 489 W SAN SALVADORE San Jose. Repairs on cottage.

Owner.....H. Tedesco, Premises.

Architect.....None.

Day's work. COST

NO 676 C LUMBIA AVE., San Jose. Three-room addition.

Owner.....Felix Savio, Premises.

Architect.....None.

Day's work. COST, \$800

NO 29 MONTGOMERY, San Jose. Six-room cottage.

Owner.....Mrs. L. M. Curtis, Premises.

Architect.....None.

Day's work. COST, \$1800

W FIRST bet San Carlos and San Salvador, San Jose. Two-story concrete building.

Owner.....C. L. Mesterheim, Premises.

Architect.....C. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor.....Morrison Bros., Santa Clara.

COST, \$26,000

NO. 6 AND 67 S-MARKET, San Jose.

Re-model and repair.
Owner, J. A. Beatty, Premises.
Architect, J. N. King.
Day's work COST, \$500

NO. 15 N FIFTH San Jose. Remodel
1913-14

Owner, J. S. McInnis, Premises.
Architect, J. N. King.
Day's work COST, \$1000

NO. 251 N-SECOND, San Jose. One and
one-half story, large and repairs.
Owner, J. M. McInnis, Premises.
Architect, J. N. King.
Contractor, R. O. Summers, 17 N-1st st.,
San Jose. COST, \$1270

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

H TEL. AND STORES. 2 story, base,
brass, brick and steel frame. Petaluma,
Cal. Architect, Eugene Jones, Petaluma. Owners,
Petaluma Development Co., E. J. Dole,
Attorneys, Petaluma Bldg., Petaluma.
The building is to be erected at the south-
east corner of Washington and Ken-
nedy streets, one of the city's prin-
cipal business centers. First floor will
contain six stores besides the hotel en-
trance lobby and office. Upper floors
will be subdivided into about 70 guest
rooms and a number of baths. Interior
will be finished in pine and some
hardwoods. Bath rooms will have
composition floor and the wainscot.
Plans provide for steam heat, running
hot and cold water in all rooms and
a vacuum cleaning system. Stores will
have large plate glass display win-
dows and patent store fronts. Exterior
will be faced with pressed brick.
Working drawings are being prepared.

Contracts Awarded.

S. H. L. 2 story and base, rein-
forced concrete. Cal. not stated. Suisun
School. Architect, Henry C. Smith,
Humboldt Bldg. Hdg., S. F. Owners, Suisun
H. S. School District. Details for the construction of this
building have been awarded as follows:
General construction to Peterson
& Wilson at \$82,146, which figure in-
cludes foundation, heating, ventila-
tion, and vacuum cleaning awarded to
the Pacific Blower & Heating Co. at
\$5,885. The vacuum cleaning system
to the Standard Electric Time Co. at
\$1,124. A complete list of all figures
covered appears under the heading of
this building in the Sanoma Coun-
ty building list.

RAILROAD STATION. 1 story and base, rein-
forced concrete. Santa Rosa, Sonoma
County. Architect, J. W. DeLives,
Riverside Insurance Bldg., S. F. Owners,
Sonoma County. Contractor, James
H. Greer, 1000 S. F. Oct. 28, 1913.
COST, \$17,000.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

ACCEPTED
Oct. 20, 1913. LOT 18 BLK 7 Walls
Harbor Center Tract. F. P. Allen
& G. C. Van and L. P. Anderson. \$123
Oct. 20, 1913. SE 24, 23, 22, 21 AND
22 IN T. 1 N. R. 3 E. M. D. B. & M. H.
C. Hulley vs. Balfour Guthrie Invest
Co. and C. S. Nott. \$189.30
Oct. 20, 1913. SE 24, 23, 22, 21 AND
22 IN T. 1 N. R. 3 E. M. D. B. & M. Rancho
Los Aleguas. H. T. McNamara vs.
C. S. Nott, Balfour-Guthrie Invest
Co. \$285.75

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Oct. 20, 1913. LOT 18 BLK 7 Walls
Harbor Center Tract. F. P. Allen
vs. Harbor Center Land Co., J. C.
Van and L. P. Anderson. \$123
Oct. 20, 1913. SE 24, 23, 22, 21 AND
22 IN T. 1 N. R. 3 E. M. D. B. & M. H.
C. Hulley vs. Balfour Guthrie Invest
Co. and C. S. Nott. \$189.30
Oct. 20, 1913. SE 24, 23, 22, 21 AND
22 IN T. 1 N. R. 3 E. M. D. B. & M. Rancho
Los Aleguas. H. T. McNamara vs.
C. S. Nott, Balfour-Guthrie Invest
Co. \$285.75

LIENS RELEASED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Oct. 18, 1913. LOT 18 BLK 7 Walls
Harbor Center Tract. Stege Lum-
ber & Hardware Co. to New Rich-
mond Land Co., J. C. Van and L. P.
Anderson. \$285.75
Oct. 18, 1913. LOT 18 BLK 7 Walls
Harbor Center Tract. Stege Lum-
ber & Hardware Co. to Irwin and
Lewis Lumber Co. \$162.62

Contracts Awarded Of Suisun School.

Peterson & Wilson Get General Con-
tract and Plumbing for School De-
signed by H. C. Smith.

Bids were opened by the Board of
Education at Suisun on the evening of
October 20th for the construction of
the two-story reinforced concrete High
School, designed by Architect Henry C.
Smith of this city. A contract for the
general construction including granite
work, masonry, cement cornice and the
plumbing was awarded to Peterson &
Wilson 1117 Post Street, San Francisco,
at \$63,246. The Pacific Blower & Heat-
ing Co. was awarded the heating and
ventilating and vacuum cleaning at
\$5,885 and the program clocks was
awarded to the Standard Electric Time
Co. for \$1,124. The following bids were
received for the general construction:

Suisun High School.

Newsom, Wolf & Kahn, \$74,903
Peter on & Wilson, \$62,771 with
plumbing 63,246
P. I. D. 63,246
Lew's Hicks Co., 76,800
Campbell & Turner, 72,580
Brady & Fisher, 89,500
J. O. Rykendale, 73,251
Stockholm & Allyn, 69,977
Conway-Petersen Co., 76,253
Travis & Pasqualetti, 53,830

FRESNO MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

RECORDED. 1 story and base,
reinforced concrete. Riverbank, Stanislaus
County. Architect, Ralph P. Morrell,
101 Broadway Bldg., Stockton. Owner's
contract given. The house will con-
sist of three bedrooms, interior finish
throughout. Hardwood
floors will be used in the principal

rooms. There will be a large open fire
place in the living room with a brick
or tile mantel. Tile wainscot will be
used in the bath room and kitchen. Ex-
terior of the dwelling will be covered
with rustic and shingles. Plans are
being prepared.

APARTMENT HOUSE—2 story and
base, brick. Cost not stated. Porterville,
Cal. Architect, Benj. G. McDougal, Sheldon Bldg., S. F.
Owner, V. D. Knapp. The building will
be erected on a corner site and has been
designed for stores on the first floor
and a number of two and three room
suites on the second floor. Interior finish
will be of pine throughout. Plans
provide for a central heating system
and hot water supply. All suites will
have wall beds and private bath rooms.
Stores will have plate glass windows
in patent store fronts. Exterior of the
building will be faced with pressed
brick. Plans are now being prepared.

Contracts Awarded.

GARAGE—1 story and base, rein-
forced concrete, \$17,000. Fresno, Fresno
Co., Cal. Architect, Eugene Mathew-
son, Forsythe Bldg., Fresno. Owner, A.
Mattel, Contractors, Trewhitt & Shields,
Fresno. Contract price, \$17,000.

Building Contracts.

FRESNO COUNTY.

NW COR. "J" AND MARIPOSA STS.,
Fresno. Installation of boiler, smoke
stack, oil tank and oil pump in office
building.

Owner, Fresno Estate Company.
Architect, Geo. W. Kelham.
Engineer, Hunter & Hudson,
Contractor, J. E. O'Mara, 449 Minna St.,
San Francisco.

Filed Oct. 22, 13. Dated Sept. 24, '13.

As work progresses, 85%
Usual 35 days, Balance

TOTAL COST, \$5200

Bond, none. Limit, 60 working days.
Forfeit, none. Plans and specifications
filed.

LOTS 17, 18, 19 BLK 168 Fresno (Cor.
T. and Tulare Sts.) All work for
dwelling.

Owner, Geo. V. Martin, Fresno.
Architect, None.

Contractor, A. D. Wilkins, Fresno.

Filed Oct. 22, 13. Dated Oct. 21, '13.

Roof in place, \$1000
Building plastered, 1000

Completion, 1010

36 days after, 3010

TOTAL COST, \$6020

Bond, \$3010. Sureties, A. M. Loper and
Jas. E. Nuss. Limit, forfeit, none. Plans
and specifications filed.

LOTS 1, 2, 3 BLK 104, Fresno. All work
for completion on one-story building
(the steel work upon which was com-
pleted by the California Constr. Co.
on October 10th).

Owner, E. F. Mitchell, San Francisco
Architect, None.

Contractor, C. V. Smith, Fresno.

Filed Oct. 22, 13. Dated Oct. 20, '13.

Brick work completed and 1st

story joists in place, \$300

Roof and 1st coat plaster on, 400

Completion of building, 500

Usual 35 days, 250

TOTAL COST, \$1450

Bond, none. Limit, 60 working days.
Forfeit, none. Plans and specifications
filed.

COMPLETION NOTICES.
FRESNO COUNTY.

RECORDED **ACCEPTED**
Oct. 22, 1913—LOTS 33 AND 34 BLK
4 Riverdale Add'n, Fresno. Ruth
Lundrum to B Leavy and M D
Priest.....Oct. 13, 1913

**SACRAMENTO, STOCKTON &
NORTHERN CALIFORNIA.**

RESIDENCE—1 and 2 story and base,
frame. Cost not stated. Sacramento,
Cal. Architect, none. The following
Day Labor jobs are reported as about
to be started in Sacramento: C. H.
Chatterson, 3126 T street, Sacramento,
2 1-story and base, frame dwellings,
\$2,600 each; Morrell & Clark Construc-
tion Co., Sacramento, 2 story and base,
frame dwelling, \$4,500; E. A. Pierce,
2526 Park avenue, Sacramento, 2 1-story
and base frame dwellings, \$2,700 each,
and Frank P. Williams, 3117 7th ave-
nue, Sacramento, 2 story frame resi-
dence flats, \$6,500.

APARTMENT HOUSE—2 story and
base, frame, \$2,500. Stockton, San Joa-
quin Co., Cal. Architect, Ralph P. Mor-
rell, Odd Fellows' Bldg., Stockton.
Owner's name withheld. The building
will contain three suites of four rooms
and bath. Interior will be finished in
pine throughout. All suites will have
wall beds. Hot water will be supplied
in all rooms. Exterior of the building
will be covered with rustic and ship-
lap. Plans are complete and figures are
being taken.

PACKING PLANT—3 story and base,
reinforced concrete. Cost not stated.
Sacramento, Cal. Architects, Seadler
& Hoen, Forum Bldg., Sacramento.
Owners, Swanston Packing Co. This
work was mentioned here some time
ago when plans were first started. The
building will be erected in the Haggin
Grant and has been designed for one
of the most modern packing plants in
the west. Construction will be fire-
proof throughout with exterior walls,
floors and roof slabs of reinforced con-
crete. There will be metal window
sash and frames. Special machinery
will be used. Office portion of the build-
ing will be finished in pine and hard-
wood. Exterior will be faced with ce-
ment plaster. Plans are complete and
figures will be called for at once.

STORES AND LOFTS—3 story and
base, brick and steel, \$25,000. Stockton,
San Joaquin Co., Cal. Architect's name
not given. Owner, Peter Morengo, 26
South Center street, Stockton. The
building will be erected on Lots 15 and
16, Block 29, and has been designed for
stores on the first floor and lofts above.
Interior will be finished in pine
throughout. There will be metal win-
dow sash and frames. An automatic
sprinkler system will be installed. Ex-
terior of the building will be faced
with pressed brick. Plans are com-
plete and in the hands of the owner
who will do the work by Day Labor.
All materials are now being purchased.

RESIDENCE—1 and 2 story and base,
frame. Cost not stated. Stockton, San
Joaquin Co., Cal. Architect, none. The
following Day Labor jobs are reported
as about to be started in Stockton: W.
J. Nutter, 113 East Acadia street, Stock-
ton, 1 story and base, frame dwelling,
\$2,500; B. Cassidy, 816 East Washing-
ton, Stockton, 1 story frame dwelling,
\$1,000; Mrs. M. L. Rule, 1221 East Chan-

nel street, Stockton, 1 story frame
dwelling, \$2,881, and H. W. Johnson
423 Mariposa street, Stockton, 1 story
and base, frame dwelling, \$1,900.

Building Contracts.

SACRAMENTO COUNTY.

N 60 FEET S 100 FEET LOT 4 I, J,
5th and 6th Sts. Sacramento. Erect
building.
Owner.....John Haub, 1012 H St.,
Sacramento.
Architect...None.
Contractor...George W. Martin & Son,
1217 19th St., Sacramento.
Filed Oct. 16, '13. Dated Oct. 16, '13.
COST, \$2745

N 1/4 OF S 1/4 LOT P, Q, 3RD & 4TH
Sts., Sacramento. Two-story brick
building.
Owner.....Matsui Inv. Co.
Architect...None.
Contractor...Louis G. Barton and L. E.
Hite (Barten & Hite), 1812
L St., Sacramento.
Filed Oct. 16, '13. Dated Oct. 15, '13.
COST, \$6954

LOT 4 J, K, 2ND AND 3RD STS., Sacra-
mento. Alter building.
Owner.....A. F. Pinkeinstein, 118 K
St., Sacramento.
Architect...None.
Contractor...Chas. Vanina, 2022 M St.,
Sacramento.
COST, \$2500

S 70 FEET LOT 15 BLK 48, Oak Park,
Sacramento. Erect dwelling.
Owner.....O. H. Moore, 2903 35th St.,
Sacramento.
Architect...None.
Day's work.....COST, \$1200

KINNEY SCHOOL DISTRICT near Mills
Station, Sacramento. One-story re-
inforced concrete school.
Owner.....Trustees Kinney School
District.
Architect...None.
Contractor...Wm. C. Keating and H. S.
Holt.
Filed Oct. 20, '13. Dated Oct. 20, '13.
COST, \$3333

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 5 BLK 101 E, Stockton. Frame
dwelling.
Owner.....C. A. Kennedy, 720 E-
Weber St., Stockton
Architect...None.
Day's work.....COST, \$1500

LOT 3 BLK 160 E, Stockton. Frame
building.
Owner.....J. E. Rice, 32 S-Sutter St.,
Stockton.
Architect...None.
Day's work.....COST, \$2000

S 1/2 LOTS 10 AND 12 BLK 90 S M C,
Stockton. Frame building.
Owner.....C. Kenyon, 727 E-Fremont
St., Stockton.
Architect...None.
Day's work.....COST, \$2200

LOT 1 BLK 98 S M C. Stockton. Erect
frame building.
Owner.....Chas. F. Chrisman.
Architect...None.
Day's work.....COST, \$1500

LOT 13 BLK 198 E. Stockton. Frame
building.
Owner.....W. E. Stuart.
Architect...None.
Day's work.....COST, \$1000

LOT 16 BLK 237 E. Stockton. Frame
building.
Owner.....Geo. Lytle, 343 N-Union
St., Stockton.
Architect...None.
Day's work.....COST, \$1800

LOTS 15 AND 16 BLK 29 E. Stockton.
Three-story brick building.
Owner.....Peter Masingo.
Architect...None.
Day's work.....COST, \$2500

LOT 1 BLK 71 S M C. Stockton. Re-
model frame building.
Owner.....Margaret Lamasney.
Architect...None.
Day's work.....COST, \$400

S 1/2 LOTS 16 AND 12 BLK 4, The Oaks.
Frame building.
Owner.....Mrs. C. Gnekow.
Architect...None.
Day's work.....COST, \$2500

LOT 13 BLK 12, The Oaks, Stockton.
Frame building.
Owner.....H. H. Walten.
Architect...None.
Day's work.....COST, \$1000

NO. 515 E-MAIN ST., Stockton. Re-
model brick building.
Owner.....O. H. Hess, 522 E-Lindsay
St., Stockton.
Architect...None.
Day's work.....COST, \$500

LOTS 2 AND 4 BLK 121 S M, Stockton.
Erect brick building.
Owner.....J. Ruiz, Sutter & South
Sts., Stockton.
Architect...R. P. Morrell, I. O. O. F.
Bldg., Stockton.
Contractor...Daniels & Green, 629 N-
Harrison, Stockton.
COST, \$7000

N 1/2 OF LOTS 10 AND 12 BLK 4, Stock-
ton. Erect frame building.
Owner.....W. J. Nutter, 113 E-Acadia
St., Stockton.
Architect...None.
Day's work.....COST, \$2500

LOTS 15 AND 16 BLK 29 E. Stockton.
Three-story brick building.
Owner.....Peter Marengo, 26 S-Center
St., Stockton.
Architect...None.
Day's work.....COST, \$25,000

LOT 3 BLK 36 E, Stockton. Erect frame
building.
Owner.....B. Cassidy, 816 E-Washing-
ton St., Stockton.
Architect...None.
Day's work.....COST, \$1000

LOT 6 BLK 226 E, Stockton. Frame
building.
Owner.....Mrs. M. L. Rule, 1221 E-
Channel St., Stockton.
Architect...None.
Day's work.....COST, \$2881

LOT 7 and W 50 Lot 5 Bk 196 E. Stock-
ton. Frame building.
Owner.....H. W. Johnson, 423 Marl-
posa, Stockton.
Architect...None.
Day's work.....COST, \$1800

LOTS 1 AND 3 BLK 4 W. Stockton.
Two-story brick building.
Owner.....M. Rossi, Eldorado & Main
Sts., Stockton.
Architect...R. P. Morrell, 12-15 1. O.
O. F. Bldg., Stockton.
Day's work..... COST, \$25,000

LOTS 5 AND 7 BLK 100, Stockton. All
work for one-story frame bungalow.
Owner.....William H. Leisinger,
Stockton.
Architect...None.
Contractor...G. N. Hawes, 1412 E-Oak
St., Stockton.
Filed Oct. 11, '13. Dated.....

Frame up.....\$500
Plastering completed.....500
Mill work completed.....500
Usual 25 days.....600
TOTAL COST, \$2100
Bond, limit, forfeit, none. Plans and
specifications filed.

STOCKTON HIGH SCHOOL bounded
by North, California, Vine and San
Joaquin Sts., Stockton. All work for
two-story and basement science
building.

Owner.....High School Board of Edu-
cation (Mrs. C. Schneider,
Mrs. Alva McLeod, Frank
Warner, F. Ellis and B. F.
Eastman), Stockton.
Architect...Stone & Wright, 26 S-Calif-
ornia St., Stockton.

Contractor...Cherlart & Nystedt, 1648
N-Sierra Nevada St.,
Stockton.
Filed Oct. 21, '13. Dated.....

On 1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$47,900
Bond, \$24,000. Surety, Pacific Casualty
Co. of California. Limit, 200 days.
Forfeit, \$10 per day. Plans and specifi-
cations filed.

LT 5 BLK 101 E of Center St., Stock-
ton. All work for one-story frame
building.

Owner.....Chas. A. Kennedy, 594 E-
Oak St., Stockton.
Architect...None.

Contractor...Hill & Browman, Stockton
Filed Oct. 16, '13. Dated Oct. 14, '13
No contract in regard to pay-
ments understood.....

TOTAL COST, \$1000
Bond, none. Sureties, T. B. Littleton
and Charles Barthel. Limit, forfeit,
none. Plans and specifications filed.

E FREMONT & AURORA sts., Stock-
ton. Of Turner plants in Fremont
school and in Eldorado school. N El-
dorado and Vine sts., Stockton.

Owner.....Board of Education of
Stockton.

Architect...Wright & Stone, 26 So-
California St., Stockton.

Contractor...Smith & Walker.
Filed Oct. 17, '13. Dated.....

When installed.....\$325
Usual 35 days.....175

TOTAL COST, \$700
Bond, none. Limit, 25 days. Forfeit,
\$. Plans and specifications filed.

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT
Oct. 17, 1913—SEC 1, SEC 16 T 5 R 4.
Sacramento E F Lemley vs Tin
San and P J Von Loben Seis.....\$92.50

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

STORES AND LOFTS—6 story and
base, Class C construction. Cost not
stated. Los Angeles, Cal. Architect,
Harold Cross, Consolidated Realty
Bldg., L. A. Owners, Lyon, McKinney
and Smith. The building will be erected
on South Hill street and will have
a frontage of 60 feet by a depth of 150
feet. Considerable structural steel
will be used. Interior finish will be
of pine throughout. Plans provide for
two elevators, one passenger and one
freight, an automatic sprinkler system,
metal window sash and frames, fire-
proof doors and a vacuum cleaning sys-
tem. Stores will have patent fronts
and plate glass windows. Marble
wainscot will be used. Exterior of the
building will be faced with pressed
brick with the inserts. Plans are com-
plete and figures are being taken.

SCHOOL BUILDINGS—2 2-story and
base, brick and steel, \$75,000. Glende-
ale Los Angeles Co., Cal. Architect,
Norman F. Marsh, Broadway Central
Bldg., L. A. Owners, Glendale School
District. One of these buildings has
been designed for a manual training
school and the other for a domestic
science building. Architectural design
and construction will be similar to the
present buildings, with pressed and
sandstone brick facing, and artificial
stone trim. Interior finish will be of
pine with maple floors. There will be
a modern system of heating and ven-
tilation. Program clocks and vacuum
cleaning system will be installed. Plans
for the work are now being prepared.
Bids will be called in the course of two
or three weeks.

SCHOOLS—4 2-story and base, brick.
Cost not stated. Long Beach, Los An-
geles Co., Cal. Architect, A. Burnside
Sturges, Story Bldg., L. A. Owners,
Long Beach School District. The Board
of Education of the Long Beach City
School District will receive bids up to
7:30 p. m. of Thursday, November 10,
1913, for the erection of four brick
school buildings in the city of Long
Beach. The buildings are designated
and will be located as follows: No. 1
at the corner of Obispo avenue and
Elliot street; No. 2 at the corner of East
Fourth street and Termino avenue; No.
3 at the corner of State street and Tem-
ple avenue, and No. 4 at the corner of
Alamitos avenue and 11th street. Sepa-
rate bids will be taken on the general
contract, plumbing, electric wiring and
heating and ventilating. All contract-
ors will be required to submit a lump
sum bid for their work on buildings
Nos. 1, 2 and 3, and also a separate bid
for each building individually. The
bids for building No. 4 are to be sub-
mitted separately. A certified check
for five per cent is required. Bids
must be submitted in accordance with
the terms of the official proposal.

CLUB HOUSE—3 story and base,
brick. Cost not stated. Los Angeles,
Cal. Architects, Hunt and Burnes,
Lauglin Bldg., L. A. Owners, Auto-
mobile Club of Southern California.
The building will be erected on Figueroa
street south of Pico and will be de-
signed in the classic style. Interior
will be arranged for large social rooms,
library, ball room and banquet hall.
Interior finish will be of pine and hard-
woods. Hardwood floors will be used

throughout. There will be steam heat
and large open fire places. Mantels
will be of brick and tile. Elevator
service and dumb waiters are spec-
ified. Exterior of the building will be
faced with pressed brick. Plans are
now being prepared.

LODGE HALL—2 story and base, re-
inforced concrete. Cost not stated.
Fillmore, Ventura Co., Cal. Architect,
Homer Glidden, Wright and Callender
Bldg., L. A. Owners, Masonic Temple
Association of Fillmore. The building
will be erected on Central avenue hav-
ing a frontage of 50 feet. There will
be stores on the first floor and upper
floors will be arranged for lodge rooms
offices and a large auditorium. Interior
will be finished in pine and hardwood.
Maple floor will be used in the audi-
torium. Furnace heat is specified. Ex-
terior of the building will be faced
with cement plaster. Plans are now
being prepared.

HOSPITAL—5 story and base, re-
inforced concrete, \$100,000. Los Angeles,
Cal. Architects, Garrett and Farrell,
Currier Bldg., L. A. Owners, Metho-
dist Hospital Association. The build-
ing will be erected on South Hope
street near Jefferson. The work has
been mentioned here before. The first
floor will contain an office, directors'
room, ward, eight private rooms, baths,
toilets, and a sun room and the two
upper stories all each contain eleven
private rooms, general ward, diet
kitchen, toilets and bath rooms. The
fifth floor will contain three operating
rooms, sterilizing room and special
surgical departments. The basement
will be occupied by a dining room,
kitchen, pantry, laboratory, laundry
and refrigerating rooms; and the cellar
will contain the furnace rooms and
storage department. There will be tile
and marble entrance, tile floors in cor-
ridors and bathrooms, 1 freight and 1
passenger elevator, plate glass, steam
heat and vacuum cleaning system. Ex-
terior of the building will be faced
with cement plaster. Plans are com-
plete and figures are being taken.

HOTEL—6 story and base, re-
inforced concrete, \$150,000. San Diego,
Cal. Architect, H. M. Patterson, O. T.
Johnson Bldg., L. A. Owner, Dr. Fred
Stauffer, Salt Lake City. Construction
will be of reinforced concrete through-
out, walls, floors and roof slabs. In-
terior partitions will be of hollow tile.
Entire first floor will be divided to
the main office, lobby, public dining
room and parlors. Upper floors will
contain in the neighborhood of 135
guest rooms and 68 baths. A large
restaurant will be located in the base-
ment. Interior finish will be of pine,
hardwood and white enamel. There
will be steam heat, elevator service, a
vacuum cleaning system and mail
chutes. Bath rooms will have tile
floors and wainscot. Exterior of the
building will be faced with cement
plaster. Metal window sash and
frames are specified. Plans are now
nearly complete.

HOTEL—4 story and base, brick and
steel. Cost not stated. Los Angeles,
Cal. Architects, Morgan, Walls & Mor-
gan, Van Nuys Bldg., L. A. Owner,
Victor Ponté. The building will be
erected at the northeast corner of Pico
and Hope streets, covering a large
area. There will be six stories besides
the hotel lobby on the first floor. Upper
floors will contain 120 rooms and a

number of public and private baths. Interior finish will be of pine and hardwood. Bath rooms will have composition floors and tile wainscot. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. Metal window sash and frames will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL—4 story and base, brick and steel, \$30,000. Los Angeles, Cal. Architect, George F. Costerisan, California Bldg., L. A. Owner, Charles E. Murray. The building will be erected on Olive street near 8th and will contain a number of stores on the first floor. The structure will cover an area of 60 by 165 feet with a wing 60 by 70 feet. Upper floors will be arranged for a total of 120 guest rooms, about fifty per cent of which will have private baths. Interior finish will be of pine and hardwood veneer. Some oak and tile floors will be used. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Metal window sash and frames and patent store fronts are specified. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick and artificial stone trim. Plans are now being prepared.

WAREHOUSE ADDITION—4 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Lyon Fireproof Storage Co. The building will be erected on property adjoining the company's present building on Vermont avenue near Washington street and will cover an area of 50 by 145 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior will be finished in pine and metal trim. There will be elevator service and steam heat. Metal window sash and frames and fireproof doors are specified. An automatic sprinkler system will be installed. Exterior of the building will be faced with cement plaster. Plans are now

being prepared.

MAUSOLEUM—1 story reinforced concrete, \$30,000. Anaheim, Orange Co., Cal. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owners, Pacific Mausoleum Co., 262½ East Center street, Anaheim. Plans and specifications may be obtained either at the office of the company or the architect. Bids must be submitted to the secretary, C. O. Culp, at the company's office at Anaheim by Saturday, Nov. 1, 1913. The building will be reinforced concrete with marble trim; will contain 300 crypts. Design is in the classic style.

SEATTLE AND WASHINGTON.

Contracts Awarded.

THEATRE—2 story and base, reinforced concrete, \$150,000. Seattle, Wash. Architect, A. Warren Miller, Arcade Bldg., Seattle. Owners, Alaska Theatre Co. Contractor, S. G. Coombs, Arcade Bldg., Seattle. Contract price, \$150,000. Note—Subfigures are now being taken on all parts of the work.

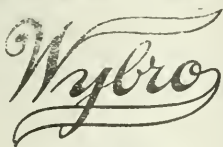
Completion Notices.

San Francisco.

FOR THE MONTH OF SEPTEMBER.

Sept. 2, 1913—SE HYDE & BEACH S 35 E 137-6 N 35 W to beg. Milton S Eisner to L A Rose.....Aug. 29, 1913
Sept. 2, 1913—E BAKER 55 N McAllister N 50xE 96-10½. Owen McHugh to Henry Jacks.....Aug. 23, 1913
Sept. 2, 1913—S LOMBARD 110-6 W Baker. Giulio Fassia to P Prasso.....Aug. 30, 1913
Aug. 29, 1913—NE POPE. 50 SE Morse — 25xNE 120 Lot 32 Bk 5 Syndicate's 1st Addition. Felix & Pilar Castaneda.....Aug. 30, 1913
Sept. 3, 1913—S GRAFTON 75 W Golden State over to 125 ft. West. No. 429 Grafton Ave. John and Charlotte Leffler to Keller & Crane.....Aug. 30, 1913
Sept. 3, 1913—SW RUSSIA AVE 100 NW Athens NW 25xSW 100 Bk 62 Excel Hd. Ass'n. Siegmund H Friedrichs to whom it may concern.....Sept. 4 1913
Sept. 3, 1913—W NINTH AVE 100 N Clement N 75xW 120. E Ginley to whom it may concern.....Sept. 1, 1913
Sept. 3, 1913—W HYDE 60 N Green 40 x60. C W Hansen and Halvor Jacobsen to C W Hansen & Halvor Jacobsen.....Sept. 2, 1913
Sept. 3, 1913—NW VAN NESS AVE & Oak W 157-6 N 50 W 21 N 40 E 178-6 to W line Van Ness Ave 120 to beg. Masonic Temple Ass'n to Stockholm & Allyn.....Aug. 28, 1913
Sept. 3, 1913—SE RUSSIA AVE 100 NW Athens NW 25xSW 100 Bk 62 Excel Hd. Ass'n. Siegmund H Friedrichs to whom it may concern.....Sept. 3, 1913
Sept. 3, 1913—SE TOWNSEND 59 SW Second SW 50xSE 125. Warehouse Investment Co to A Lynch & Woods S Huddart.....March 20, 1912
Sept. 3, 1913—N GREEN 65-6 E Leavenworth The George A Bos Co to Farrel & Reed.....Sept. 3, 1913
Sept. 2, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 extg on E and W sides 137-6. The Insurance Exchange Inc to McFell Elec Co.....Aug. 30, 1913
Sept. 2, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to California Elec Constr Co. Aug. 29, '13; Wm F Wilson Co.....Aug. 29, 1913
Sept. 2, 1913—SW WASHINGTON & Front W 68-9xS 60. Joseph Estate Co to John E Beck.....Aug. 30, 1913
Sept. 2, 1913—W GRANT AVE 84 S Union 29x65. L Ravani to G Mariconi.....Sept. 2, 1913
Sept. 2, 1913—S IRVING 32-6 W 26th Ave 25x100. M Francesconi to Parnocchia Petri & Co.....Aug. 29, 1913
Sept. 4, 1913—SW SANSOME AND Sutter W 69-8½ S 69-7 E 55-10½ N 19-4½. Albert Meyer and Isaac Liebes to Ralston Iron Works.....Sept. 2, 1913
Sept. 4, 1913—NO LOCATION GIVEN Ernest O W Hellman to whom it may concern.....Aug. 27, 1913
Sept. 2, 1913—S CLEMENT 100 E 16th Ave E 25x100. Anna Smith to whom it may concern.....Completed
Sept. 3, 1913—S CALIFORNIA 80 E

Hyde E 28-9xS 137-6. John V Campbell to whom it may concern.....Sept. 2 1913
Sept. 3, 1913—SE ELLIS & STEINER S 87-6xE 68-9. Isabelle D Pool to E W Elliot.....Aug. 29, 1913
Sept. 3, 1913—SW HARRISON & 21ST Ford Motor Co by Clinton Fireproof Co of Cal. to Murray & Mowbray.....Aug. 30, 1913
Sept. 3, 1913—E BOCAVA AVE 125 S Cortland Ave S 25xE 102-6 Lot 4.....Sept. 3, 1913
Joseph M Furnanz to Gust Carlson Bk 6 Fair Sub Holly Park Tract.
Sept. 4, 1913—S. ROADWAY 57-6 E Bartol Place 40x57-6. N Capurro to J Bianchini & Co.....Sept. 3, 1913
Sept. 4, 1913—S PACIFIC AVE 150 W Fillmore W 25xS 137-6. Henry Eisenberg to A Davis.....Sept. 2, 1913
Sept. 4, 1913—W GUERRERO 28 N 17th. William Jacobs to John J Binet Co.....Sept. 4, 1913
Sept. 5, 1913—W BAKER 112 S Lombard S 25 on W Baker. Fletcher Baker to whom it may concern.....Aug. 30, 1913
Sept. 5, 1913—W DRUMM 59-1 S Washington W 75xS 32-6. Malcolm Jacobs & Burtt to A M Wallen.....Aug. 27, 1913
Sept. 5, 1913—SE CALIFORNIA AND Leidesdorff fronting on N California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to Simonds Machinery Co.....Sept. 4, 1913
Sept. 5, 1913—SE MARKET AND Ecker. Crocker Estate Co to L & E Emanuel Inc.....Sept. 4, 1913
Sept. 5, 1913—N WASHINGTON 142 W Taylor 92x62-6. Frank L and Lewis C Hunter to Marcus Marcusen.....Sept. 5, 1913
Sept. 5, 1913—NE TURK & LARKIN N 80 E 50 N 0-6 E 29-2 S 50-6 W 79-2. F A Meyer to Beach & Heffernan.....Sept. 3, 1913
Sept. 6, 1913—NE VAN NESS AVE & Oak W 157-6 N 50 W 21 N 40 E 178-6 — 120 to beg. Masonic Temple Ass'n of Cal. by Edward Peabody Secretary to D Zelinsky.....Sept. 3, 1913
Sept. 6, 1913—SW THIRD 225 SE Folsom SE 50xSW 160. Nathan Kamp to J I Mitrovich Bldg Co.....Sept. 4, 1913
Sept. 6, 1913—SE SIXTH & MINNA E 100 S 75 W 25 N 50 W 75 N 25. Lange Investment Co to Brandon & Lawson.....Sept. 5, 1913
Sept. 6, 1913—W THIRTY-SECOND Ave 565 N California N 5 N on Curved line 31-2¼ W 113-9% S 35 E 120 Lot 64 Lyon & Hoag's Sub Bakers Beach Land Co. John T Murphy to Kronnick Bros.....Sept. 5, 1913
Sept. 6, 1913—SE MARKET 100-0% NE Seventh NE 50-0% SE 165 SW 50-0% NW 165. J D Phelan to J Looney Co.....Sept. 1, 1913
Sept. 6, 1913—S TWENTY-SIXTH 125 E Valencia 30 feet front 25 feet rear x 105 feet deep. Joseph Lagomarsino to G Carraro.....Sept. 5, 1913
Sept. 8, 1913—W 23.26 FT. LOT 49 and E 11.61 feet Lot 50 measured along NE line West Clay on Map of West Clay Park. Boston Inv Co to whom it may concern.....Sept. 3, 1913
Sept. 8, 1913—N BUSH 137-6 E DuPont N 115 W 27-6 N 22-6 E 27-6 N 70 E 55-8 S 70 E 20 S 137-6 W 78-9. Macdonough Estate Co to Central



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Iron Works.....Sept. 5, 1913
Sept. 8, 1913---NW VAN NESS AVE
and Oak W 157-6 N 80 W 21 N 46
E 178-6 to N Van Ness Ave --- 120,
Masonic Temple Ass'n. of Calif to
American Marble & Mosaic Co.,
Sept 5; Beach-Robinson Co.....
.....Sept. 5, 1913
Sept. 8, 1913---NE GEARY & JONES
E 62-6xN 77-6. The S & G Gump
Realty Co to Ira W Coburn Inc.
.....Aug. 23, 1913
Sept. 8, 1913---S SEVENTEENTH 145
W Mission W 26-6x100. The First
Norwegian and Danish Methodist
Episcopal Church to Thos Ekoos..
.....Sept. 2, 1913
Sept. 8, 1913---SW SIXTH and 72
NW Howard NW 48 SW 75 NW 45
SW 50 SE 75 NE 50 SE 18 NE 75.
R D McElroy to California Artistic
Metal & Wire Co.....Sept. 5, 1913
Sept. 8, 1913---S MARKET 265 SW
Brady SW --- SE 124 NE 23 NW
124.. Carmel Fallon to P Monta-
tagneSept. 8, 1913
Sept. 8, 1913---E MASON 84 N Eddy N
25xE 68-9. Joseph N Kowalsky to
Central Iron Works.....Aug. 4, 1913
Sept. 10, 1913---E EIGHTEENTH AVE
255 N California N 50xE 120; E 23rd
Ave 150 N California N 50xE 120.
Mary Foster to O C Holt. Sept. 6, 1913
Sept. 10, 1913---S CLAY 142-6 W Hyde
W 32xS 137-6. Wm W and Grace
Yager to whom it may concern..
.....Sept. 10, 1913
Sept. 10, 1913---SW POST & POWELL
W 137-6 S 62-6 E 69-7 N 6-6 E 67-11
N 57. Crocker Hotel Co to Clinton
Fireproofing Co.....Sept. 4, 1913
Sept. 10, 1913---W HYDE 65 N Sacra-
mento W 27x77-6. Metropolis Inv
Co to whom it may concern.....
.....Sept. 8, 1913
Sept. 10, 1913---LOT 257 Gift Map No.
1. Patrick F McHugh to whom it
may concern.....Sept. 8, 1913
Sept. 10, 1913 NE SEVENTEENTH
and Hampshire E 200xN 133-4. Lux
Sch'ool of Industrial Training to
Sartorius Co.Sept. 6, 1913
Sept. 10, 1913---NW PACIFIC AND
Taylor N 48xW 68-6. Edward and
Mary A McKeever to A Sarraile..
.....Sept. 10, 1913
Sept. 10, 1913---W HYDE 38 N Sacra-
mento N 25x77-6. Metropolis In-
vestment Co. cpn to whom it may
concern.....Sept. 8, 1913
Sept. 10, 1913---S DODGE --- S 57-6 E
8 S 80 E 24-2 1/2 N 137-6 to S Turk
at a pt 162-3 1/2 E Larkin W 52-9 1/2
Hanson & Johnson to L W Fleg-
ner and C F Hoffman (as Golden
Gate Structural & Ornamental
Iron Works).....Sept. 6, 1913
Sept. 11, 1913---E TWENTY-FOURTH
Ave 225 S Lincoln Way (H) S 25x

E 120. C W Hanna to William C
Hammerton & Son.....Sept. 2, 1913
Sept. 11, 1913---S LOMBARD 206-3 E
Powell E 20xS 68-9. Carlo Piodi
to C Rosina & Co.....Sept. 10, 1913
Sept. 11, 1913---THIRD NO. 711.
Martin Tovaraz to Fink &
SchindlerSept. 8, 1913
Sept. 13, 1913---S KIRKHAM 57-6 E
10th Ave E 25xS 100. Minnie
Thompson to A Klahn & Son.....
.....Sept. 11, 1913
Sept. 11, 1913---EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to Contra Costa Constr
Co, Aug 30; Phillip Schuyler.....
.....Sept. 8, 1913
Sept. 12, 1913---N JESSIE 275 E 6th
N 80xE 45. A H Herbert to P
Hamilton.....Aug. 1, 1913
Sept. 12, 1913---E LARKIN 112-6 N
Ellis N 25xE 68-9. Add Clark Nor-
ton and Ro-e Clark Biggs to whom
it may concern.....Sept. 12, 1913
Sept. 12, 1913---NE ELLIS & LARKIN
E 68-9xN 62-6. Jean Allee to
Howard S Williams.....Sept. 10, 1913
Sept. 12, 1913---N DUNCAN 81-2 E Noe
E 26-2xN 114. Frank T and Ida
Elida Olson to whom it may con-
cern.....Sept. 10, 1913
Sept. 13, 1913---N TEHAMA 375 W 5th
W 25x75. Wilhelm Kirsch and
Marie Simon to whom it may con-
cern.....Sept. 12, 1913
Sept. 13, 1913---SE SECOND AND
Federal (bet Bryant and Brannan)
Milton and Julius Auerbach to J J
PhilbinSept. 12, 1913
Sept. 13, 1913---S OAKDALE AVE 290
E Rankin S 100xE 37-6. John II
and Anna A Briel to Stevenson &
GowanSept. 12, 1913
Sept. 13, 1913---E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 51-4 1/2
W 60 th 15-10 1/2. Wm F Wilson Est
to Sibley Grading & Teaming Co..
.....Sept. 2, 1913
Sept. 13, 1913---E TAYLOR 32-6 N
Pacific N 30xE 60. Sarah Picard to
Henry Conrad.....Sept. 12, 1913
Sept. 13, 1913---W HYDE 97-6 S Green
S 20xW 87-6. Jay Deming to Henry
Conrad.....Sept. 6, 1913
Sept. 15, 1913---NW POST & POLK
to Hemlock Ave. The New Poodle
Dog Inc to Jacques Narbehrug..
.....Sept. 8 pt. 5, 1913
Sept. 15, 1913---SE MARKET 100 SE
Second SW 25xE 91-6. Lewina W
Martinez, Carrie W Woodworth
and Mollie W Kruse to Heckenroth
& Schell.....Sept. 10, 1913
Sept. 15, 1913---S OAK 156-3 W Clay-
ton W 50xS 137-6. Robert Wieneke
to whom it may concern.....Sept. 10, 1913
Sept. 15, 1913---Street in ST. FRAN-
cisco Wood. West Gate Park Co to

E. H. Williams ^{Esq.} Chalmers Munday

Munday & Williams Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Federal Constr Co.....Sept. 12, 1913
Sept. 15, 1913---W VALENCIA 35 N
26th N 30xW 90. Quong Lee to
Frank Neidick.....Sept. 15, 1913
Sept. 15, 1913---SE MARKET 45-10
SW Spear SW 45-10 SE 137-6 NW
137-6. Sommers & Kaufmann Inc
to Atlas Heating & Ventilating Co
.....Sept. 12, 1913
Sept. 15, 1913---N CALIFORNIA 77-6
W Front W 60-8 1/2xN 127-6. The
Hind Estate Co to Pacific Rolling
Mill Co.....Sept. 10, 1913
Sept. 15, 1913---W THIRD AVE 110 N
Irving N 25xW 120. Marie Ash to
whom it may concern.....Aug. 9, 1913
Sept. 15, 1913---N NEY 125 W Cong-
ress W 25xN 100 Lot 15 1/2 Blk 7.
College Hd Ass'n. Thomas Mc-
Cormick to whom it may concern..
.....Sept. 15, 1913
Sept. 15, 1913---SE CLEMENTINA &
Third S 30xE 86. Walter H Sul-
livan to Jno G Sutton Co, Aug. 10;
McLeran & Peterson.....Aug. 10, 1913
Sept. 15, 1913---W RICHLAND AVE
275 N Mission 25x120. Richard and
Florentine Kayser to Ruegg Bros.
.....Sept. 13, 1913
Sept. 16, 1913---S ALVARADO 155 W
Castro W 25xS 114. Guerrero Rity
Co to whom it may concern.....
.....Sept. 16, 1913
Sept. 16, 1913---S FOURTH AND
Clementina SE 50xS W80. Sarah
Abrams to John Spargo.....Sept. 8, 1913
Sept. 16, 1913---S SIXTEENTH 88 W
Valencia 60x110. W B Coffey to
Wm E Little.....Sept. 10, 1913
Sept. 16, 1913---LOT 14 Corona Hgths
Alfred B Moon to Mac Arthur Bros
.....Sept. 15, 1913
Sept. 16, 1913---NE DAY & SANCHEZ
N 57-6xE 80. James and Bridget
A Keenan to whom it may concern
.....Sept. 15, 1913
Sept. 16, 1913---S WASHINGTON 23-6
E Reed E 36-1 1/2 S 57-6 E 22-0 1/2
S 20 N 79 N 77-6. Clyde S Payne
to whom it may concern.....Sept. 6, 1913
Sept. 16, 1913---N SIXTEENTH 186
W Castro N 134-5xW 40; No. 3744
18th. Jos M and Susanna Couture
to J S Ourlish.....Aug. 30, 1913
Sept. 17, 1913---SE CALIFORNIA &
Leidesdorff fronting lon N Cali-
fornia at rear end 107-6 and ex-
tending on E and W sides 137-6.
The Insurance Exchange Inc to
Otis Elev Co, Sept. 15; Mangrum
& Otter.....Sept. 13, 1913
Sept. 16, 1913---E DIAMOND 144 S
Elizabeth E 90 N 40 W 80 S 40.
The Roman Catholic Archbishop of
S. F. to John McCarthy. Sept. 8, 1913
Sept. 17, 1913---N O'FARRELL, bet
Devisadero and Braderick, No. 2130
O'Farrell. P W Landon to Frank
Neidick.....Sept. 17, 1913

Sept. 17, 1913—N FULTON 109-9 W Van Ness Ave W 105-3xN 120. Kate, Julia M, Mary J, Hannah E and Francis J Donohue to Chas Wright July 31, 1913

Sept. 17, 1913—SE BALBOA AVE and Ocean Blvd 50 on Balboa Ave and 100 on Ocean Blvd. J A Raggett to Robert Dewar & Son Sept. 23, 1913

Sept. 17, 1913—SW GRANT AVE & Harlan Place. O W Baldwin to Holm & Son, Sept. 12; Frank J Kilnm Sept. 16, 1913

Sept. 18, 1913—SE MARKET 100-0-3 NE Seventh NE 50-0-3 SE 165 SW 50-0-3 NW 165. J D Phelan to L Zimmerman Sept. 17, 1913

Sept. 18, 1913—S CALIFORNIA 164-11 E Buchanan E 27-7xS 137-6. F H Porter to J Harold Johnson Sept. 17, 1913

Sept. 18, 1913—W SEVENTEENTH AVE 200 N Fulton 25x120. Alfred Berglof to Geo Parker, Sept. 10 1913

Sept. 18, 1913—SE TAYLOR & CLAY S 89-9xE 30. Jas Ward to Chas Coburn Sept. 17, 1913

Sept. 18, 1913—W NINTH AVE 100 S Cabrillo 25x120; Nos. 719-721 9th Ave. Chas A Rushton to whom it may concern Sept. 15, 1913

Sept. 18, 1913—W NINTH AVE 125 S Cabrillo 25x120; Nos. 723-725 9th Ave. Chas A Rushton to whom it may concern Sept. 17, 1913

Sept. 18, 1913—W FIFTEENTH AVE 75 N Judah (J) N 25xW 100. Daniel Mariani to whom it may concern Sept. 2, 1913

Sept. 18, 1913—NW CLEMENT & 5TH Ave W 57-6xN 100. J C Low to Ferdinand Wagner Sept. 2, 1913

Sept. 18, 1913—S BUSH 68 E Mason E 22-6xS 84. E or Elizabeth Rickard to Van Sant-Houghton Co. Sept. 15, 1913

Sept. 18, 1913—SE POST AND JONES S 60xE 70-6. Niels Larsen to Camp & Carrillon Sept. 17, 1913

Sept. 19, 1913—NW GRANT AVE & Manila Place, No. 137 Grant Ave. The Orear Co to Wm Bateman Sept. 18, 1913

Sept. 19, 1913—N GEARY 127-6 E Larkin E 47-6xN 137-6. A F Schleicher to Pacific Rolling Mills Sept. 18, 1913

Sept. 17, 1913—SE BALBOA AVE and Ocean Blvd 50 on Balboa Ave and 100 on Ocean Blvd. J A Raggett to Robert Dewar & Son Aug 23, 1913

Sept. 19, 1913—N CLEMENT 57-6 W 23rd Ave W 25 E 25 N 100 E 23 S 100 W Renn Hocking to Thos Hamill Sept. 12, 1913

Sept. 19, 1913—NW PACIFIC AND Mason. J or Jos Roger to J M Ploeger Sept. 9, 1913

Sept. 20, 1913—S FELL 134 W Polk W 31 S 135-24 NE 38-24 N 112-104 P J McGovern to Rainey & Phillips Sept. 13, 1913

Sept. 20, 1913—SW O'FARRELL & Jones W 49-6 S 68-9 W 22 S 22 E 71-6 N 90-9. J M Kane and W J Yore to whom it may concern Sept. 17, 1913

Sept. 22, 1913—S HAIGHT 87-6 E Broderick 25x110. F C Cook to whom it may concern. Sept. 20, 1913

Sept. 22, 1913—SW SINTENTH & Helon S 50 W 27 S 3 W 18 N 53 E 55. C F Horning to Chas Ferriworth and F F Holl Sept. 22, 1913

Sept. 22, 1913—NW GEARY & POLK W 82-6xN 120. Pierce-Arrow Sales

Co to J D Hannah (two completion notices filed) Sept. 20, 1913

Sept. 22, 1913—NW VAN NESS AVE and Post N 120xW 159-9. The Hecht Invest Co to National Elec Co. Sept. 12, 1913

Sept. 22, 1913—E THIRTIETH AVE 225 N Clement N 25xE 120. Charles M Welle to Cleeve Carson & Sons Sept. 10, 1913

Sept. 22, 1913—N EIGHTEENTH 165 E Danvers E 25xN 86. Annie Keegan to Geo D Gillmore Sept. 15, 1913

Sept. 22, 1913—W FOURTH AND Jessie NW 75xSW 75. Mary L Phelan to Judson Mfg Co. Sept. 17, '13

Sept. 23, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Michael Murphy Sept. 17, 1913

Sept. 23, 1913—W JONES 90 S 140 E 30xW 52-4. John Wisnom to Higginson Co, Inc. Sept. 22, 1913

Sept. 23, 1913—N PACIFIC 114-6 W Jones 23x60. A Corbelli to V Filippio Sept. 23, 1913

Sept. 23, 1913—W FIFTEENTH AVE 100 N Judah N 25xW 127-6. Anders Emil Olsen to H Nelson, Sept. 23, 1913

Sept. 23, 1913—SE HYDE & GEARY E 68-3xS 97-6. Sarah A Bryan to George Bernard, Sept. 18; William Snafter, Sept. 18; Fennell & Wand Sept. 18, 1913

Sept. 24, 1913—LOT 12 BLK "D" Mission Terrace. James P Fletcher to whom it may concern. Sept. 24, 1913

Sept. 24, 1913—E NINTH AVE 50 N Ortega N 25xE 100. August H Johnson to William G Zupar Sept. 23, 1913

Sept. 24, 1913—SE LONDON 242 SW Brazil Ave S. 33xSE 100; Lot 2 Blk 12 Excel Hd Ass'n. Robert E Baines to whom it may concern Sept. 1, 1913

Sept. 24, 1913—SW ELEVENTH AVE and Lake. Chas E and Mary A Ellis to whom it may concern Sept. 15, 1913

Sept. 25, 1913—NE MISSION AND Twenty-third N 40xE 122-6. Wm L Helke to J S Hannah. Sept. 25, 1913

Sept. 24, 1913—S WASHINGTON 110 E Webster E 27-6xS 127-84. Mrs Benj Wood or Alice G Wood to Sept. 25, 1913—N JACKSON 97-6 E Locust N 127-84xE 40. Kate and Alexander D Keyes to Mealey & Collins Sept. 16, 1913

Sept. 25, 1913—S TWENTY-SECOND 130 W Sanche W 50xS 114. Emil and Elsie Nelson to whom it may concern Sept. 5, 1913

Sept. 25, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to The Daniel O'Day Co. Sept. 23, 1913

Sept. 25, 1913—W STOCKTON 235-6 N Sutter — 60 S 28-6 E 60 N 28-6. Dudley F, Eliza J, Harry K and Geo Fish to Jacobsen-Bade Co and K G Lundstram. Aug 26, 1913

Sept. 25, 1913—N WASHINGTON 261-34. E from NW Washington & Kearny N 112 NE 14 SE 156-34 W 110-43. Macdonald & Kahn and Elise A Drexler to Clinton Fireproofing Co. Sept. 20, 1913

Sept. 26, 1913—SE POST AND JONES Niels Larsen to L C and Chris Larsen Sept. 25, 1913

Sept. 26, 1913—N BROADWAY 65 W Broderick W 60xN 137-6. Samuel H Boardman to John G Sutton Co. Sept. 18, 1913

Sept. 26, 1913—NE WASHINGTON & Octavia E 137-6xN 127-84. A B

Spreckels to Butte Elec & Eng Co Sept. 17, 1913

Sept. 26, 1913—S CARSON AVE 150 W Douglass 173-113. S 10th. Amelia E Pollard to J T Grace. Sept. 15, 1913

Sept. 26, 1913—N PALM ASSUS AVE 427-5 W Willard 50x135-9. Josephine L Andler to F Crothers Sept. 26, 1913

Sept. 27, 1913—W SANCHEZ 212 N 14th 26x125. Christina Peterson to L G Bergren Sept. 27, 1913

Sept. 27, 1913—E STOCKTON 30 S Sutter E 80xS 40-84. Sierra Investment Co to Wm F Wilson Co. Sept. 26, 1913

Sept. 27, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-84. The S F Polyclinic and Post Graduate College to McKinzie & Pinkerton Sept. 24, 1913

Sept. 29, 1913—NW JESSIE 235 SW Third SW 55 NW 50 NE 5 NW 70 NE 50 SE 150. Pacific Gas & Elec Co to W P Edwards and H J Kaufman (as Kaufman & Edwards) Sept. 24, 1913

Sept. 29, 1913—NW DAVIS AND Commercial 59 on Davis. Sullivan Estate Co to Patrick R Ward Sept. 29, 1913

Sept. 29, 1913—E SIXTH AVE 250 S Balboa. Emma Fry to MacKillop & Ragsdale Sept. 27, 1913

Sept. 29, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 S 110 E 137-6. Mount Zion Hospital to Otis Elevator Co. Sept. 23, 1913

Sept. 29, 1913—NW BUSH & VAN NESS Ave N 60xW 100. James P Sweeney to R W Moller, Kiernan & O'Brien, J G Sutton & Co, Jos Musto Sons-Keenan Co, Woods & Huddett, Pacific Mfg Co, Hart Wood Lumbr Co, S F Cornice Co, National Lathing & Furring Co, Raiston Iron Works, Acme Iron Works, Palace Hardware Co, Otis Elev Co, Roberts Mfg Co and Meyerberg Co. Sept. 29, 1913

Sept. 29, 1913—W BRODERICK 25 S Page S 25xW 100. Katherine A Lily to whom it may concern Sept. 29, 1913

Sept. 29, 1913—COM. AT CENTER line Carson Ave 156-8 W Douglass W 25 S 118-84xM or 1 SE 28 m or 1 N 135-33. M or 1 Blk 45 Market St. H. Ass'n. James F Browne to whom it may concern. Sept. 22, 1913

Sept. 29, 1913—W SECOND AVE 100 S Like S 25xW 120. Giuseppe Rungallo to Wm J Cuneo Sept. 27, 1913

Sept. 30, 1913—NE ELLIS & LARKIN E 65-9xN 62-6. Jean Allee to Lettich Bros. Sept. 22; H L Petersen Sept. 22, 1913

Sept. 30, 1913—NE ELLIS & LARKIN E 65-9xN 62-6. Jean Allee to A Gradin Sept. 29, 1913

Sept. 30, 1913—NE CALIFORNIA AND Twenty-second Ave E 35xN 100. G Giuliani and V Palisi to Onofrio Fraumoni and Steur & Bury Sept. 29, 1913

Oct. 1, 1913—N JACKSON 68-6 E Larkin E 23xN 87-6. Geo F Vele to Chas J U Koenig. Sept. 23 1913

Oct. 1, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Car Co of California by Clinton Fireproofing Co to Lyden & Baker Sept. 24, 1913

Oct. 1, 1913—SE POWELL AND O'Farrell. The Union League Club, Lessee to A C Wocker Oct. 1, 1913

- Oct. 1, 1913—NE WASHINGTON & Octavia E 137-6XN 127-8 1/4. A B Spreckels to John G Sutton Co....
.....Sept. 29, 1913
- Oct. 1, 1913—E FORTY-SEVENTH Ave 260 S Balboa S 50X E 120. Eugene B Hallett to whom it may concern.....Sept. 30, 1913
- Oct. 1, 1913—E FORTY-SEVENTH Ave 210 S Balboa S 50X E 120. Eugene B Hallett to whom it may concern.....Sept. 22, 1913
- Oct. 1, 1913—NE VALLEJO & HYDE 24X60. William K Bush to E J Montgomery.....Sept. 18, 1913
- Oct. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Thomas Elam & Son.....
.....Sept. 30, 1913
- Oct. 1, 1913—SW O'FARRELL AND Broderick S 74XW 35. E W and A M Bender to whom it may concern.....Oct. 1, 1913
- Oct. 1, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange to Vulcan Iron Works. Sept. 29; J E O'Mara.....Sept. 29, 1913
- Oct. 1, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. John A Lennon to Pacific Fire Extinguisher Co.....
.....Sept. 27, 1913
- Oct. 1, 1913—SE GOLDEN GATE AV and Laguna S 100X E 54 m or l Jas F Coghan vs Mrs Kate Besore, 2-5; Frank J Fallon, 1-5; Jas Fallon, 1-5; Eugene Fallon, 1-5. \$186.25
- OCT. 3, 1913—S GREENWICH 150 W Larkin W 25X S 150. Mae Marino, Rinaldo J and Ida M Olivi to Ratto & Giannini.....Oct. 2, 1913
- Oct. 3, 1913—E PUTNAM (Putnam Ave) 125 N Jarboe (Jefferson) Ave N 50X E 70 Lots 1094 and 1096 Gift Map S. Thos S Webb to T H Parry.....Sept. 27, 1913
- Oct. 2, 1913—W NINTH AVE 100 S Irving W 73XN 66. Patrick Furlong to whom it may concern.....
- Oct. 2, 1913—EDDY NO. 47, fronting on Eddy and Market. Leong Entow to Brandt & Stevens.....Oct. 1, 1913
- Oct. 2, 1913—S EIGHTEENTH AND Colingwood. L A Gautier to E A F Carson.....Oct. 2, 1913
- Oct. 2, 1913—E STOCKTON 50 S Sutter E 80X S 40-8 1/4. Sierra Invest Co to F L Malno.....Oct. 2, 1913
- Oct. 2, 1913—SW O'FARRELL AND Broderick 75XW 40. Frank Neldick vs Ada M Bender.....\$301
- Oct. 2, 1913—NW THIRD & BRYANT N 80XW 115. Redwood Mfgs Co vs H D Matherly, John O'Kane, John Doe Ross and Josephine Hendrickson.....\$45.79
- Oct. 1, 1913—N TWENTY-SEVENTH 80 E Nue E 29XN 114. Charles A and Martha Michelsen to whom it may concern.....Sept. 30, 1913
- Oct. 1, 1913—E NINTH AVE 160 S Balboa 27-5X120. Christina Stewart Wells to whom it may concern.....Oct. 4, 1913
- Oct. 1, 1913—NE BUSH & STOCKTON N 78X E 85-10. Harriet McCarthy to Fred C Jones.....Sept. 27, 1913
- Oct. 4, 1913—S LAWTON 96 E 16th Ave S 100X E 24. A V or Andrew V Anderson.....Oct. 2, 1913
- Oct. 4 1913—NW FOLSOM 275 SW Third NW 155 SW 175 SE 75 NE 99-0 1/2 SE 80. Henry E Holmes to whom it may concern.....Oct. 4, 1913
- Oct. 1, 1913—NW BUSH AND VAN Ness Ave N 60XW 100. Charles Brown & Sons (cpn) vs J P Sweeney, R J MacKenzie and Mary MacKenzie (wf).....\$132.90
- Oct. 6, 1913—W PALM AVE 226-4 S Euclid Ave S 33-4XW 120. Chas F W Webster Jr to whom it may concern.....Completed
- Oct. 6, 1013—LOT 26 BLK "I" Mission Terrace. Rubie Hanson and Bertha Koenigsthal to Frederick A Hanson.....Sept. 29, 1913
- Oct. 6, 1913—SE TWENTY-SECOND & Eureka S 60X E 23-9. Hannah Howarth to Richard Fahy.....
.....Aug. 4, 1913
- Oct. 6, 1913—E LARKIN 87-6 N Broadway N 25X E 137-6. A D Van Dorn to W L Terry.....Oct. 1, 1913
- Oct. 6, 1913—W ARKANSAS 175 N 20th N 25XW 100. Giuseppe Cavaglieri to whom it may concern.....Oct. 4, 1913
- Oct. 6, 1913—S JACKSON 228-8 E Polk E 46-4X S 127-8 1/4. The San Francisco Polyclinic & Post Graduate College to Frederick W Snook Co.....
.....Oct. 2, 1913
- Oct. 6, 1913—NE FOURTH AVE & Parnassus Ave N 70 E 57-6 S 53-3 m or l W 60 m or l Augusta M Hewitt to whom it may concern.....
.....Oct. 6, 1913
- Oct. 6, 1913—NE TURK & FILLMORE N 275X E 130. Realty & Rebuilding Co by MacDonald & Kahn to Lyden & Bickel.....Sept. 29, 1913
- Oct. 7, 1913—W FIFTEENTH AVE 100 N Judah N 25XW 127-6. T J McGovern vs Holger Nelson and A E Olson.....\$115
- Oct. 7, 1913—SE ALMA & SHRADER W H Yates vs M F Cariss and W S King.....\$26.95
- Oct. 7, 1913—N NINETEENTH 175 E Sanchez E 25XN 114. Eureka Sash Door & Moulding Mills, \$553.42; A Davis, \$273 vs Joseph and Linda E Herb and S Malmberg.....
- Oct. 7, 1913—NE SEVENTEENTH & Hampshire E 200XN 133-4. Lux School of Industrial Training to H Maundrell.....Oct. 2, 1913
- Oct. 7, 1913—E FOURTH AVE 210 N "C" 25X125. Jennie Frye to Leslie G Geary.....Oct. 6, 1913
- Oct. 7, 1913—NW JACKSON AND Drumm N 60XW 60. Thos W Butcher to Bradley & O'Reilly and George Goodman Artificial Stone Co.....Oct. 6, 1913
- Oct. 7, 1913—E SECOND AVE 250 N Anza N 25X E 120. Chas S Boyen to whom it may concern.....Oct. 2, 1913
- Oct. 7, 1913—N PAGE 30 W Webster W 30X S 100. Rousseau Realty Co to whom it may concern.....Oct. 6, 1913
- Oct. 7, 1913—NE TURK & FILLMORE N 275X E 130. Realty & Rebuilding Co by MacDonald & Kahn to Pacific Fire Extinguisher Co.....
.....Sept. 29, 1913
- Oct. 7, 1913—S JACKSON 228-8 E Polk E 46-4X S 127-8 1/4. The San Francisco Polyclinic and Post Graduate College cpn to The Turner Co.....Oct. 2, 1913
- Oct. 7, 1913—E FIFTEENTH AVE 125 N California 25X127-6. O E Anderson to whom it may concern.....Oct. 6, 1913
- Oct. 7, 1913—N NINETEENTH 175 E Sanchez E 25XN 114. Chas J Powers vs J Herb & S Malmshurg.....\$145.40
- Oct. 8, 1913—SW O'FARRELL AND Jones W 49-6 S 68-9 W 22 S 22 E 71-6 N 90-9. A E Hornlein vs J M Kane and W J Yore.....\$439.69
- Oct. 8, 1913—E LYON 99 S Union S 25X E 40 m or l Mary S Newmeyer to J A Hill.....Sept. 24, 1913
- Oct. 8, 1913—W SECOND AVE 135 S Irving S 25XW 120. W J and Mary K Wagner to Ed Zinkand & Son.....
.....Sept. 29, 1913
- Oct. 8, 1913—NE TURK AND FILLMORE N 275X E 130. Realty & Rebuilding Co by MacDonald & Kahn to Western Furnace and Cornice Co.....Sept. 29, 1913
- Oct. 8, 1913—NE WASHINGTON & Octavia E 137-6XN 127-8 1/4. A B Spreckels to The McGilvray Stone Co.....Aug. 11, 1913
- Oct. 8, 1913—NE TURK AND FILLMORE N 275X E 130. Realty & Rebuilding Co by MacDonald & Kahn to Pacific Mfg Co.....Oct. 8, 1913
- Oct. 8, 1913—N IRVING 32-6 W 9th Ave W 25XN 69. John Meierdicks to Mager Bros.....Completed
- Oct. 8, 1913—SW MARKET AND FOURTH. Judah Boas to Ira W Coburn Inc.....Oct. 7, 1913
- Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Healy Tibbitts Construction Co.....Sept. 27, 1913
- Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Healy Tibbitts Construction Co.....Oct. 4, 1913
- Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Pringle-Dunn & Co
- Oct. 8, 1913—S PACIFIC AVE 155 E Webster E 30X S 117; No. 2221 Pacific Ave. Judah Boas to Ira W Coburn Inc.....Oct. 7, 1913
- Oct. 9, 1913—E RAMONA AVE 205 N 15th N 25X E 75. Sallie Clot to Ducasse.....Oct. 7, 1913
- Oct. 9, 1913—SW SANCHEZ AND Elizabeth 25 on Sanchez x 101-9 on Elizabeth. Martha Anderson to A W Burnett & Co.....Oct. 8, 1913
- OCT. 9, 1913—NW VAN NESS AVE & Post N 120XW 159-9. Hecht Invest Co to Landgren Co.....Oct. 4, 1913
- Oct. 9, 1913—W STANFORD 106-3 S Brannan W 80-1 1/2X S 100. Crane Co to E M Huie & Co.....Sept. 8, 1913
- Oct. 9, 1913—N S CAMORE AVE 230 W Mission W 25XN 100. Mary E Soto to Gustave Anderson.....
.....Sept. 30, 1913
- Oct. 9, 1913—S GEARY 137-6 E Mason E 37-6X S 137-6. Stewart Estate Co to Western Iron Wks.....Oct. 6, 1913
- Oct. 9, 1913—W DOLORES 53 S 21st W 95X S 25. C T O'Leary to N A Carlson.....Oct. 8, 1913
- Oct. 10, 1913—N TWENTY-NINTH 105 W Castro W 25XN 114. Arthur T Jansson to whom it may concern.....Oct. 10, 1913
- Oct. 10, 1913—SE BUSH & CHELSEA Place E 39-6X S 82-6. T J Crowley and H P Stollenberg to Bishop & Murte.....Oct. 9, 1913
- Oct. 10, 1913—N BROADWAY 65-9 W Webster W 148-9XN 275. James L Flood to The McGilvray Stone Co, Oct. 9, '13; Campbell Bros. Oct. 3, 1913
- Oct. 10, 1913—LOT 9 BLK "B" Mission Street Land Co. Homestead Land Co to William H Grahn.....
.....Oct. 8, 1913
- Oct. 10, 1913—E STOCKTON 50 S

Sutter E 80xS 40-84. Sierra Inv Co to P J Lynch.....Oct. 10, 1913
 Oct. 10, 1913—NW THIRD AND Townsend N 33xW 37-6. John A and D Williamson to Ira W Coburn.....Oct. 8, 1913
 Oct. 10, 1913—N PULTON 137-6 E Gough E 98-9xN 120. Augusta E Bergson to Stockholm & Allyn.....Oct. 9, 1913
 Oct. 11, 1913—LOT 336 Gift Map No. 1 W G McDiarmid to whom it may concern.....Oct. 8, 1913
 Oct. 11, 1913—S VANDEWATER 91-3 E Mason 22x60. Luigi Merlo to B Pagano.....Oct. 11, 1913
 Oct. 11, 1913—NW MCKINNON AVE and Newhall N 100xW 50. J M Cerviere to J M Burns.....Oct. 2, 1913
 Oct. 11, 1913—N PFEIFFER 67-6 W Grant Ave W 27-6 N 52-6 E 5 N 2-6 E 22-6 S 55. G Cosce to Devencenzi Bros & Co.....Oct. 10, 1913
 Oct. 11, 1913—E FIFTH 221-7 N Parnassus Ave. C A Hall to whom it may concern.....Oct. 11, 1913
 Oct. 11, 1913—S VALLEY 205 E Castro E 25xS 114. Charles and Sadie McArthur to whom it may concern.....Oct. 4, 1913
 Oct. 11, 1913—EDDY NOS. 40 AND 42. M Lager to Wm C Lynch.....Oct. 11, 1913
 Oct. 14, 1913—SE SANCHEZ AND 24th S 90 E 25 N 90 — 25. Peter Gumm to A E Olson.....Oct. 14, 1913
 Oct. 14, 1913—N SEVENTEENTH 190 W Howard W 25x100. John and Daniel Lagan to W M Foley.....Oct. 14, 1913
 Oct. 14, 1913—E MISSISSIPPI 50 S 18th S 25xE 100. Otto and Ella R Schariet to E A Janssen.....Oct. 11, 1913
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PROFESSORSHIP IN CIVIC DESIGN.

Announcement is made of the establishment of the first chair of city planning in an American university. The pioneer is the University of Illinois. Following the English precedent, it is called the chair of Civic Design. The incumbent is to be Charles Mulford Robinson. This action of the trustees follows instruction which was given by Mr. Robinson during three brief visits in the last academic year, to a group of seniors in the division of Landscape Gardening of the College of Agriculture. Mr. Robinson, while taking charge of the course, will be in residence for only brief periods, the arrangement leaving him free to continue his professional city planning work.

Harvard and the University of Michigan have, for some years, given city planning courses in their departments of Landscape Architecture, but the instruction has been wholly by the teachers in those departments. Columbia has had an outside lecturer on city planning. Wisconsin and Cornell have recognized the subject, though making it incidental to other instruction. The University of California is said to be contemplating the institution of such a course. Illinois, however, is the first university to create a distinct professorship in it. The action is largely due to the progressiveness of Ralph Rodney Root, a graduate of the Cornell and Harvard courses, who assumed charge of the Landscape Gardening division at Illinois last fall. As is little known, the Illinois division of Landscape Gardening is probably the oldest in the United States, it having been offered there forty-five years ago. In the number of students enrolled it is one

of the largest, if not the largest, in the United States.—Architectural Record.

CONCRETE STOCKTON STREET TUNNEL.

Largest Concrete Mixing Plant Ever Installed in San Francisco is now at Work.

The Tunnel now under construction, running in Stockton street from Suter to Sacramento streets in San Francisco, is to be lined with concrete by a process which is a new one on the Pacific Coast.

A large stationary concrete mixing plant has been installed by the contractors, The Jacobson-Bade Company, and K. C. Lundstrom, an overhead bin being provided for the concrete aggregates so arranged that two men can attend the feed of the concrete mixer, which is a No. 7 Foote Batch mixer, electrically driven, and is the largest concrete mixer ever used in San Francisco.

After the concrete is mixed it is discharged into a concrete blower, and the concrete is conveyed under pressure by compressed air through the pipes to the point where it is to be used.

The Foote concrete mixer was sold by the Edward R. Bacon Company, who now maintain sales offices in both San Francisco and Los Angeles, and is in position to give complete information with reference to this new method of mixing and placing concrete.

"UNWRITTEN LAW."

A weak and foolish woman in San Francisco shot a weak and foolish man—another case of the "unwritten law" that a woman may kill her " betrayer." And it illustrated once more the absolutely invariable anomaly of this unwritten law. The " betrayer" was shot, not for his betrayal, but for the cessation thereof. There are no exceptions to this rule—not one. No woman ever killed a man for leading her astray. Whenever a woman kills a man with whom she has had illicit relations, the motive is always the same. The man has ceased, or threatened to cease, those relations. This statement is absolute and universal, and there are no exceptions to it. Therefore, if the unwritten law" has any validity at all, it is that law—if a man wrongs a woman, he shall continue in that wrong, and if he ever ceases it, she is justified in shooting him. Stated in this way, would the "law" have any defenders? Yet, in its actual application, it is the only thing it ever means.—Fresno Republican

STOCKTON BACKS RICHMOND HARBOR.

STOCKTON, October 21.—The City Council this morning adopted resolutions approving the harbor plans of the city of Richmond, and a copy of the resolutions will be forwarded to the officers of the Contra Costa city. Following are the resolutions:

Resolved, By the Mayor and the City Council of the city of Stockton, that the construction of the proposed harbor at Richmond will be of great benefit to the San Joaquin valley and the city of Stockton and other cities

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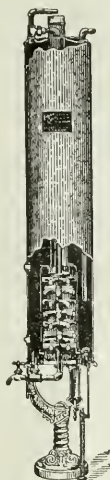
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throughout the valleys, and that construction of said harbor will be an important factor in our permanent development; and be it

"Resolved, That we hereby petition the rivers and harbors engineers in Washington to give their approval to said Richmond harbor, as asked by the citizens there, not only for the benefit of the city of Richmond and the San Francisco bay region in general, but for that of the interior sections of the State tributary to the proposed harbor."

PIONEER LUMBERMAN DEAD.

DUNSMUIR (Siskiyou Co.), October 23.—Ole Nelson, pioneer and retired lumberman, who died at the home of his daughter, Mrs. A. E. Culver, Tuesday, was a native of Sweden, aged 75 years. He settled fifty years ago in Nevada County, where he was married to Miss Annie Robinson. He came to Dunsmuir when the railroad was being built through the canyon, and operated three sawmills at one time between Sisson and Dunsmuir.

POTASH INVESTIGATIONS.

"Potash in Western Saline Deposits" is the title of a report by James H. Hancox, of the United States Geological Survey, just issued. The examination of the various saline lakes, marshes, flats, and wells described in the report were made in connection with the broad line of search which the Geological Survey is making throughout the West in quest of commercial potash deposits. While none of the

localities in question are shown to be promising as possessing potash in sufficient quantities to warrant development, the descriptions and analyses are published by the Survey as a contribution to the general subject. A copy of the report (Bulletin 540-P) may be obtained on application to the Director of the Geological Survey, Washington, D. C.

MAKING DAYLIGHT ARTIFICIALLY.

Various cabinets, lamps and lights to produce daylight have been manufactured, but none has stood the test. In this latest invention a cabinet is employed. The cabinet is constructed in various sizes, but the one which is most convenient is eighteen inches deep, thirty inches wide and twenty-eight inches high.

An incandescent gas light is placed at the top of the cabinet. There is a metal reflector to throw the light downward through the delicate screens which filter out the rays of red, orange and yellow, which are foreign to daylight except in a small way. In other words, the screens extract from the light excesses of these colors.

The invention has a great field of usefulness in surgery and certain industries. Surgeons depend upon the color of the tissues to tell whether they are diseased or not. A great deal of surgery is done at night. In artificial light the tissues have not their true color. The invention will remedy that, in that operations may be performed by aid of daylight at any hour of the night.

In textile manufacturing, dyeing and

color printing, for instance, the presses can be run only so long as the ink put in by daylight lasts. With the aid of the invention presses can be run all night. In the sorting of cigars it is impossible to tell their color by artificial light. Likewise in dental work, the exact color of artificial teeth cannot be determined at night. In paper manufacturing and in the manufacture of flour, daylight is needed to differentiate the various grades.

This invention can be made in various forms to be used for different purposes. For instance, it can be used to light a small room or closet. It can be used to illuminate a printed page, or for any other purpose where a perfect light is desired in the household. The inventor's dining-room table is illuminated by this artificial daylight.—Arthur St. George Joyce in Technical World Magazine

FINANCIAL STATEMENT OF THE EXPOSITION.

Up to and inclusive of August 31, 1913, the cash receipts of the Panama-Pacific International Exposition Company amounted to more than \$6,000,000. The expenses to that date amounted to less than \$5,000,000, and investment expenditures to \$467,581.16, leaving a cash balance on hand of \$1,279,264.61. The actual present available assets to the exposition company aggregate \$11,978,811.50. It will require about \$12,000,000 more to complete the work, and the actual net assets amount to this, without considering the sums to be derived from concessionaires, interest on money in bank and receipts from divers pre-exposition operations.

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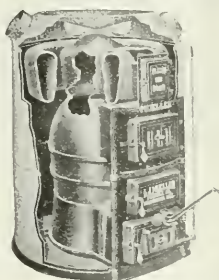
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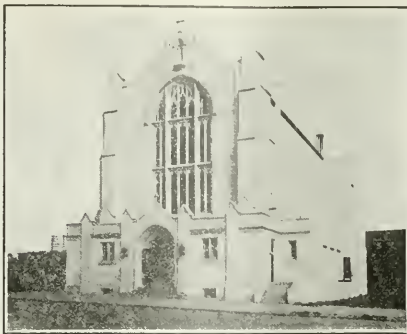
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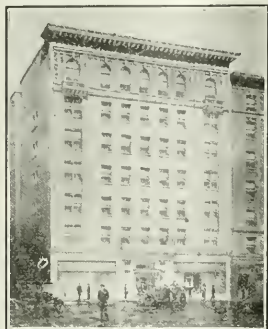
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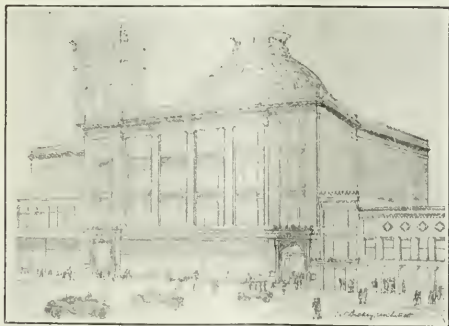
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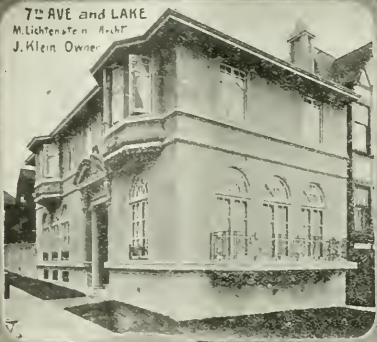
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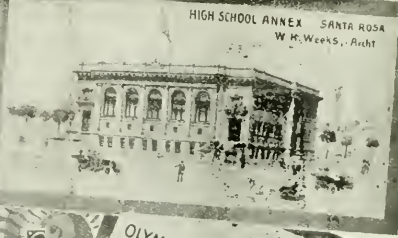
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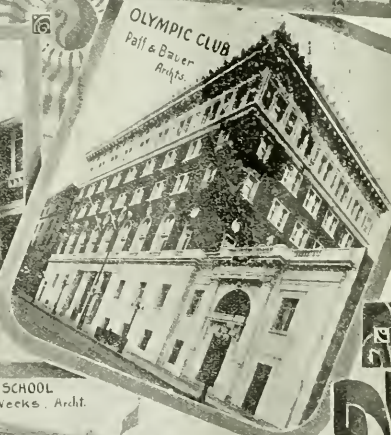
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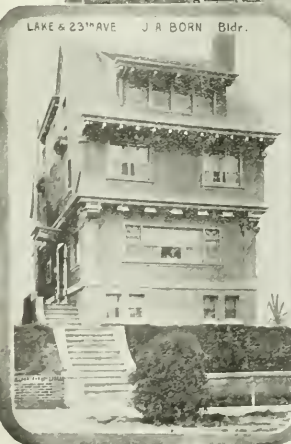
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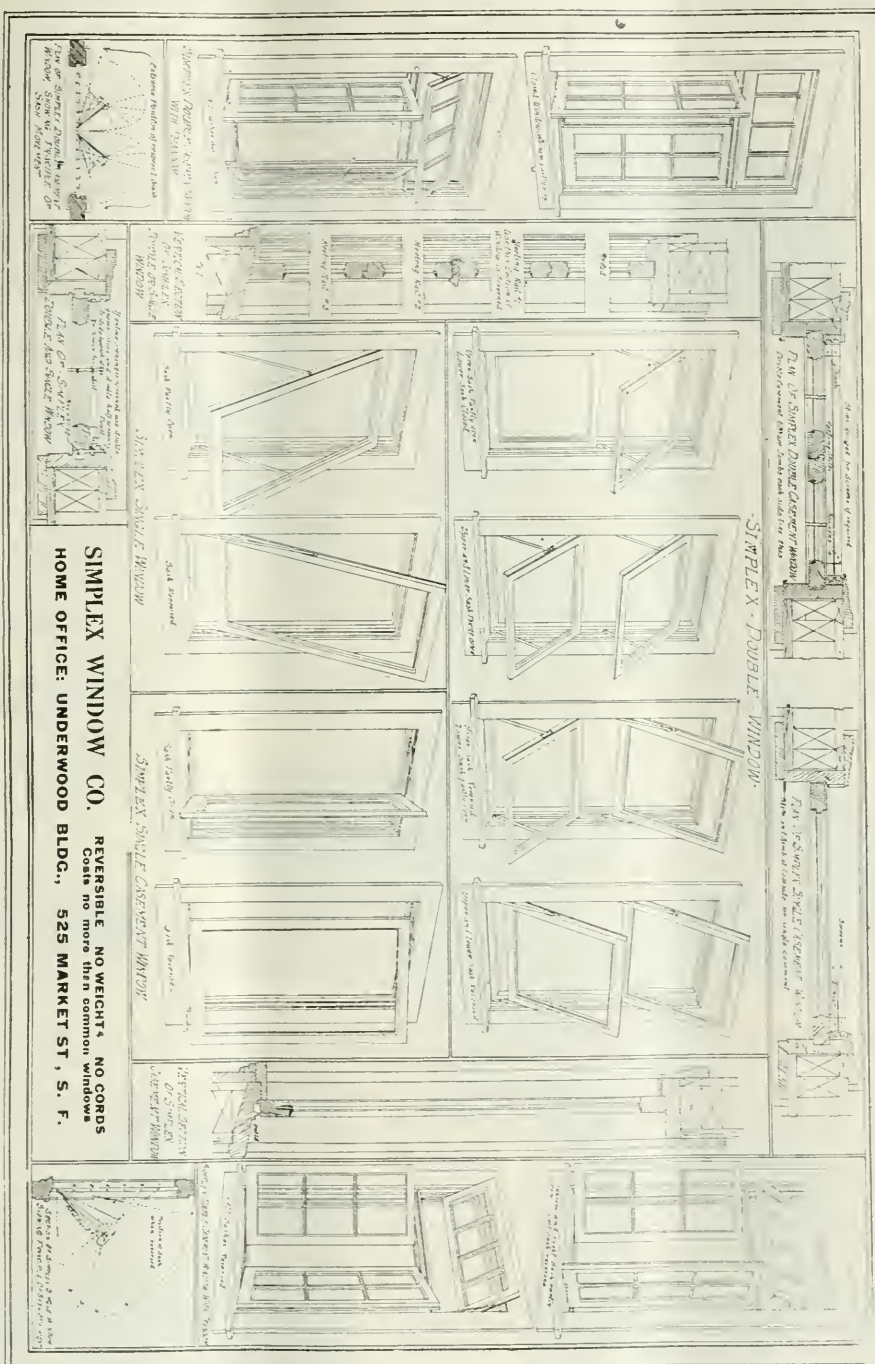
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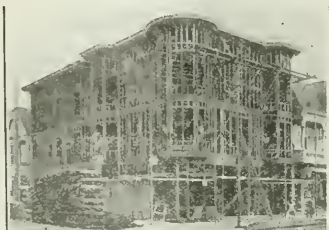
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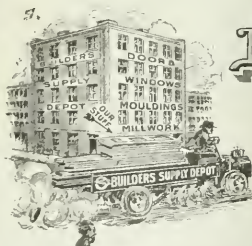
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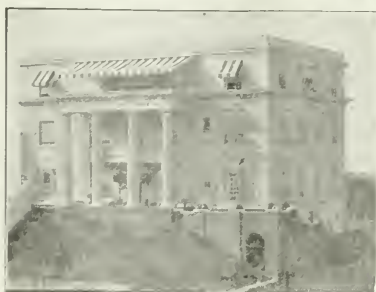
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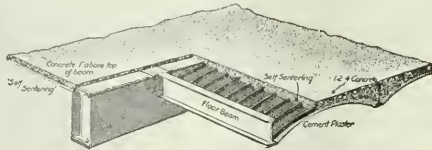
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Editorial Comment.

Government aid in the form of weather reports issued daily from the different stations throughout the country is of vast importance to the country. Meteorological records are regularly kept and the climatic changes are becoming more and more definitely described. Thus barometric pressures are constantly reported and winds and storms are predicted with a reasonable degree of assurance. And now that wireless reports are received from stations and ships at sea the records are becoming more and more complete and increasing value to seamen. For the Atlantic Coast Wireless Weather Reports for Marines, issued by the United States Weather Bureau, are now distributed broadcast every evening shortly after 10 o'clock by the Naval radio stations at Radio (Arlington), Va., and Key West, Fla. The report consists of two parts; the first giving in a simple figure code the barometric pressure, wind-direction, and wind-force (on the Beaufort scale) prevailing at 8 o'clock the same evening at Sydney (N. S.), Nantucket, Atlantic City, Cape Hatteras, Charleston, Key West, Pensacola, and Bermuda; the second giving, in words, a forecast of the probable winds for the next two days over specified sections of the Atlantic and Gulf of Mexico, extending about a hundred miles offshore, and warnings of severe storms as occasion may arise.

That the filaments in electric-light bulbs may be broken by dusting the bulbs with a feather duster has been discovered by a series of tests conducted for the purpose of determining the cause of the short life of incandescent lamps furnished to an eastern school. The reason for the breakage was ascertained by putting a number of new lamps in circuit and after brushing them with a feather duster, turning on the current, when several of the filaments immediately broke. In another set of lamps wiped with a cloth, instead of the duster, there was no breakage, indicating that the trouble was due to the action of static electricity produced by the feathers rubbing on the glass bulbs.

Sixteen-inch Gun To Be Mounted.

The experimental 16 inch, coast-defense gun, which was built a dozen years ago at the Watervliet Arsenal, is no longer a "white elephant" at the Sandy Hook Proving Ground, to which it was sent for test. The gun stood its trials satisfactorily; but because big guns such as this went out of favor and were displaced by high-velocity, 12 inch guns, the big piece has lain for a decade at Sandy Hook. A disappearing

gun carriage, however, is now being built to carry the piece, and it will form part of the battery of the defenses of the Panama Canal.—Scientific American.

The San Francisco Chronicle has published a Pan American edition in which it prints an account of the resources and developments of the industries of the South American republics.

Publicity for this part of the world is opportune. South America is the land of future opportunity. A country of vast and unknown resources it has scarcely been touched. A country that contains the highest mountains, the largest rivers and the greatest forests on the western hemisphere it supports but a small population.

These countries produce many and varied products. The high mountains of the Andes present the products of all climates under the Equator. The vast forests of the Amazon produce rubber and all kinds of hardwoods. The grazing fields of the southern portion are the cattle ranges for the world's beef and leather supply and the high mountains of the Pacific shores have great stores of mineral wealth.

South America is a great field for future development. The great agricultural countries of South America are on the Atlantic shores. The Panama canal will shorten our distance to these by one-half.

Further development means future trade with these countries. The years to come in the near future should witness as much development in the Pan American republic as in any place in the world.

A weekly paper is being published in New York by the Polyglot Publishing Company entitled "Below The Rio Grande." It is devoted to the interests of Huerta and his regime in Mexico. Whatever interest is behind the publication does not appear, but inasmuch as Oil is the privileged industry down there is seems safe to infer that such a Journal published in the United States must have some interested industry to back it.

Indirection is ever the method of special privilege. If Great Britain should interfere on behalf of the oil interests in Mexico it would be done in the name of humanity and progress.

Undoubtedly the oil interests in Mexico should be protected just as every other interest should be protected. But they should be protected in their own right and only so far as they are entitled. No combination of politicians or financing the enterprise of some political adventurer for the sake of favors should be countenanced. The time has come when the public should be dealt with frankly. Any one having interests to protect should publicly state his grounds for asking protection.

Sanitation In The City.

The Science of Sanitary Conditions and of Preserving Health in the "Crowded" Places—Disposal of Sewage by Economical Means

By Geo. Fordyce.

Sanitation is the science of sanitary conditions and of preserving health, synonymous with hygiene. The word sanitation is, however, usually restricted to the methods and apparatus for making and maintaining houses in a healthy condition.

It is by no means a modern science traces of it having been found in the oldest remains of habitations and cities.

In the prehistoric era, man, or as we now call them, savages, lived in a natural state, i.e., without the aid of any elaborate devices for sheltering himself from the elements, and did not congregate together in large numbers. In conditions such as these nature performed all the sanitation necessary, without scientific aid. When, however, man departed from the natural state and congregated together, forming habitations and cities, nature obviously could not cope with these unnatural conditions without the scientific aid of man. Thus sanitation became a necessity, nature still performing her work, but not without the aid of man.

Among the ancients, the Romans brought sanitation to the highest degree of perfection, as is shown by the remains of baths, aqueducts and sewers built by them, some of the latter being still in use, having been used continuously since being built over two thousand years ago.

Reverting back to the usual interpretation of the word sanitation, being the making and maintaining of houses in a sanitary or healthy condition, the three main factors necessary to make and maintain houses in the above condition are ventilation, water supplied and drainage.

Ventilation consists in supplying fresh pure air, warmed or cooled to a comfortable temperature, to drive out that which has become vitiated or used up. Ventilation may be broadly classified as natural or mechanical, the former being usually sufficient in private dwelling houses and other small buildings, the latter having to be resorted to in the case of large public buildings, factories, etc.

Natural ventilation may be considered as that produced without mechanical power for the admission and escape of air. Buildings of ordinary construction receive some ventilation whenever the temperature inside is different from that of the surrounding air. Further ventilation is afforded by indirect or direct-indirect radiators, fireplaces, open windows, etc. Whenever air is introduced into a room as by indirect heating an equal amount of air must be driven out, or if the air is drawn from a room as by a fire-place or other hot air flue an equal amount of air must enter the room, thus causing ventilation.

Mechanical ventilation, rendered necessary where a large number of people are congregated together in a comparatively small cubic space, requires power for the admission and expulsion of air. The power or mov-

ing air is usually by a fan operated by mechanical means, and may be effectual in two ways, first by the Plenum system, in which the air is forced into the room at the proper temperature, second by the Vacuum system in which the vitiated air is exhausted from the room.

The amount of air required for ventilation varies according to the nature of the room ventilated; churches, theatres, etc., requiring about 2,500 cubic feet per sitting per hour, hospitals requiring about 5,000 cubic feet per bed per hour, and factories where dust is very prevalent should not exceed five feet per second else a perceptible draught will be felt.

In order to preserve the health of the inhabitants of dwellings an ample supply of good water is essential both for drinking and cleansing purposes.

In up-to-date cities a continuous supply of water at all hours is available. This elaborate system of water distribution was of humble origin, from distribution by water carriers from natural sources on to an intermittent supply by means of pipes to cisterns and so on to the present system of continuous supply.

Where necessary water is purified by being passed through filter beds, then conveyed to reservoirs, preferably covered ones, and from thence distributed to the various points by means of aqueducts and pipes, materials used in the construction of reservoirs, aqueducts, cisterns and pipes ought to be of such a nature that there is no danger of the water being contaminated by contact therewith. The pipes used for the distribution of water throughout dwellings are usually of galvanized iron or lead, the latter being suitable in most cases except where the water is of such a nature that it is contaminated by contact with lead, causing lead poisoning to those who drink it. In such cases galvanized iron, or tin-lined lead pipes may be used.

In the case of isolated buildings a private supply is necessary and where a well is dug or bored great care ought to be taken that there is no danger of contamination of the water in the well owing to infiltration from drains or cesspools. Connections from supply pipes to baths, wash basins, etc., may be made direct, but in the case of connections to water closets, slop sinks, etc., intervention is necessary by means of small independent cisterns, rendered necessary both for flushing purposes and to remove the danger of contamination from soil in the basin. The amount of water necessary for household purposes is about twenty-five gallons per day for each person, varying to some extent owing to the climatic conditions of the country.

Drainage or to make dry is the drawing off of water by rivers or other channels, but in connection with dwelling houses is usually taken to mean the method and apparatus for removing excreta and waste water.

All apparatus in connection with drainage ought to be constructed in as simple a manner as possible without destroying efficiency and should be as far as possible self-cleansing. All corners and crevices where dirt would have a tendency to collect ought if possible to be avoided, where unavoidable, as in the case of traps should be accessible for cleansing purposes. In no case should the waste or soil from fittings discharge into pipes or drains without the interception of a trap, which trap to have ample water seal, and where there is any danger of it being siphoned to be back ventilated. All pipes and drains for the carrying off of the discharge from the various fittings ought to be constructed in such a manner that they can be thoroughly water and air flushed. In dwellings of ordinary size the former is accomplished by the discharge, which is largely composed of water, from the various fittings. In large buildings and city drainage systems it is in many cases necessary, however, to provide flushing tanks, preferably automatic, at the extremity or extremities of the drainage system to accomplish efficient flushing of the drains.

A house drain before it enters a street drain or sewer is sometimes trapped near the sewer, and immediately on the side of the trap next the house is a fresh air inlet taken from near the ground level, and at the extremity or extremities of the drain a pipe or pipes with open ends to be carried above all windows or other openings, thus providing a foul air outlet from the drains, and in conjunction with the fresh air inlet thoroughly air flushing the drainage system. The system of connecting the sewer without a trap is preferable to above provided fixtures are efficiently trapped.

Where the ground is of a wet nature provision ought to be made for draining same in the vicinity of dwellings, usually accomplished by means of open tile drains discharging into soil drain through a trap. It is also necessary so as to ensure the health of the inhabitants to prevent the rising and penetrating of water into walls by means of damp proof courses and preferably to lay some over the whole area of the building.

The sewage from cities and isolated buildings where it cannot be got rid of by being discharged into the sea or other large volume of water where there is no danger of pollution to same, ought to be treated by being passed through a vessel called a septic tank, where the sewage undergoes various natural processes of fermentation, putrefaction and purification and thereafter through filter beds, thus rendering the effluent harmless.

Sunlight being a great disinfectant and impartor of health, ample provision should be made for its admission to dwellings; bedrooms especially ought to have a sunny aspect.

In the perfect city and dwelling, from a sanitary point of view, disease

could not be contracted by contamination or infection, but as perfection is unattainable disease occurs and then sanitation comes into play to combat and suppress it.

Hospitals ought above all things to be thoroughly sanitary and constructed in such a manner that every part thereof can be thoroughly cleansed, all corners, crevices, etc., where dirt and material of infectious nature could accumulate to be avoided. Hospitals for infectious diseases should be isolated from all other dwellings and the various inectious diseases isolated from each other, preferably by being treated in separate and isolated buildings.

In cities there is a large amount of garbage and waste material which cannot be discharged into sewers and must be got rid of by other means. In some cases there are places where rubbish is allowed to be deposited; this method of getting rid of it, or rather not getting rid of it, is unsatisfactory, as an accumulation of garbage breeds disease in many forms. The most satisfactory way of dealing with garbage is by having it burned in a refuse destructor, or as is done in some cases, by having it carried out to sea and deposited there.

Sanitation in every way ought to be of vital interest to mankind, aiming as it does at the prevention of disease in every form, and not only does it promote bodily health, but also mental health, which is the outcome of a healthy body.

INTERESTING CEMENT TEST.

Description of the Engineering Features Fireproof Warehouse on Beatty Street, Vancouver, B. C., for the National Drug Company of Canada, Ltd.

General Description of Building.
This building will be one of the most modern and best equipped wholesale drug warehouses on the continent. It has two freight elevators which serve every floor, each having a capacity of 5000 lbs. and a speed of 50 ft. per minute, and a dumb waiter for small articles up to 100 lbs. in weight with a speed of 100 ft. per minute. A freight chute which will deliver goods weighing 200 lbs. in weight from any floor in the basement, where they will be packed and after which they are placed in a chute and delivered to the sub-basement for shipment. This chute is so arranged that city and country orders are quite distinct and thus minimize labor.
A Lyspomp Pneumatic tube system will carry the orders from the office to the various floors.
From the top floor to the sub-basement is a rubbish chute, which will deliver all rubbish to the sub-basement for burning.
There will also be an intercommunicating telephone system.
Every precaution against fire will be taken. A complete sprinkler system is being installed throughout with a tank of 25,000 gallons capacity on the roof, four fire hydrants on each floor and a dry main at the rear of the building.
All the shelving has been designed

to suit the requirements of the various articles.

The offices will be located on the ground floor, and a special feature here will be the customers' room and the sample rooms. The offices, customers' and sample rooms will be finished in quarter cut oak.

The sample room will occupy a space of 66 ft. x 33 ft., and will be fitted with 400 feet of wall and show cases.

Electricity will be used for light and power, and gas will be installed in the laboratory for boiling, etc.

This building is designed to be of absolutely fireproof construction. The floors, columns, outside walls, stairs and stair enclosures are of reinforced concrete. The interior partitions are of hollow tile and brick.

The elevator shafts are enclosed by brick walls. All elevator and stair openings are protected by fireproof doors, arranged to close automatically in case of fire.

The building on plan 120 ft. x 100 ft. is divided into six bays by five rows of interior columns, the inner spans being 16 ft. 2 in., the two outside bays having a width of 17 ft. 8 in. from center of columns to face of outside wall.

The longitudinal spans between the columns are 16 ft. 9 1/2 in., the two end spans being 18 ft. center of column to face of outside wall. Each bay is divided into 21 panels of 5 ft. 8 in. average span by 8 in. x 18 in. beams, which are supported by 12 in. x 24 in. longitudinal girders. The floor slabs are 4 inches thick. The interior columns are octagonal, 26 inches in diameter in the basement, decreasing in size with a decrease of the load carried.

The floors are reinforced with Tri-angle Mesh Reinforcement, the beams, columns and walls with round or square columns and walls with round or square twisted bars. The slabs, beams, and girders are designed to give continuous action at all points; to this is attributed the very small deflections under test. The specifications called for a live load of 300 lbs. per square foot, and a test load of 600 lbs. per square foot. The concrete to be a 1-2-4 mixture with a gravel aggregate.

Some interesting and instructive tests of the slabs, beams and girders have been made in this building. All tests were made with the specified test load of 600 lbs. per square foot, by means of sacks of cement or sand piled on any part of the floor selected by the Architect.

The deflection of the slabs was too small to be measured by the instruments available.

The deflection of the beams was 1-16 inch, or 1-2000 of the clear span.

The deflection of the main girders was 1-16 in., or 1-2700 of the clear span.

The architect's specifications allow a deflection of 1-400 of the span, so that the actual deflections under test can be considered as being highly satisfactory. The concrete had been poured 60 days at the time of testing.

There are several 16 ft. 6 in. square panels in the building with 7 in. concrete slabs reinforced in both directions. Under a test load of 30 tons concentrated at the center of one of the panels, the deflection was only 1-20 of an inch, or 1-3799 of the clear span. The total load on this panel at 300 lbs. per square foot evenly dis-

tributed would be 41 tons. It is apparent that this two-way reinforced panel is excessively strong for the live load for which it was designed. The formula used was: B. M. equals WL divided by 24. From this and other tests that have been made, the French Government rule would seem to give a more correct formula for designing square panels.

The available floor area at the present time is 1 3-5 acres, which can be increased to 2 acres by the addition of two more floors, for which provision has been made in the designing of the columns and footings.

Mr. H. S. Griffith, of Vancouver and Victoria, is the architect for the building.

Mr. Phillip P. Brown, A. M. I. C. E., London Building, Vancouver, is the designing and supervising engineer for the reinforced concrete work.

The general contractors are Geo. Snider & Brethour, Dominion Building, Vancouver, B. C.

THE COMING OIL AGE.

The oil production of the world in barrels, during 1912 was as follows:

United States	222,113,218
Russia	68,019,208
Mexico	16,558,215
Dutch East Indies.....	10,845,624
Roumania	12,991,913
Galicia	8,535,174
India	7,116,672
Japan	1,671,405
Peru	1,751,143
Germany	995,764
Canada	243,614
Italy	86,286
Other	250,000

Total

351,178,236
We are standing today upon the threshold of "The Age of Oil." How long an epoch it will cover depends partly upon the supply of that fuel and partly upon the extent to which science is able to broaden the sphere of electricity generated from water power, and later, perhaps, from solar power. But while that age endures—be it years or decades or centuries—just as oil will brook no rival as a fuel in its own broad sphere, so also need not the nation which has unlimited oil of its own, provide only that it makes the most of its opportunities, brook serious rivalry in working out its economic, industrial and political destinies.—Lew's R. Freeman, in the Review of Reviews.

RAILROADS NEEDED TO DEVELOP GOLD MINING IN ALASKA.

The advances in lode-gold mining development in the Yukon basin of Alaska during 1912 were largely confined to the Fairbanks district, according to A. H. Brooks, of the United States Geological Survey. There was also a small lode mine in operation in the Innoko district, and a little work was done on lode prospects in the Clandalar, Fortymile, and other Yukon districts. Most of these localities of lode occurrence are so isolated that the cost of operation is almost prohibitive. It is only through reducing transportation costs by building railroads and wagon roads that any advances in the lode-mining industry of Alaska can be brought about. Generous railroad development in Alaska would result in the opening up of innumerable rich mineral districts.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base frame, \$25,000. Architects, Falch and Knoll, Hearst Bldg., S. F. Owner, Miss D. Loalza. The building will be erected at the southwest corner of Washington and Taylor streets and has been designed to contain 15 suites of two and three rooms. Interior finish will be of pine. Some elm panels will be used in the living rooms and dining rooms. There will be steam heat and a vacuum cleaning system. All suites will have wall beds and private bath rooms. Ornamental plaster will be used in the lobby. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Marble and tile will be used in the entrance vestibule. Plans are now being revised and bids will be called for shortly.

SAN FRANCISCO—Apartment, 3 story and base, frame, painting only. Cost not stated. Architect, none. Owner, A. Benziner, south side of Green street, near Montgomery, S. F. The owner is now taking figures on painting, interior and exterior, of the building now in the course of construction. There are twelve suites of two and three rooms. Mr. Benziner will be found at the building.

SAN FRANCISCO—Apartment house, 2 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mrs. Sarah Norton. This building will be erected on the north side of Hayes street west of Webster. The first floor will contain the residence of the owner and will be arranged for eight rooms. Upper floors will contain four suites of four rooms each. Interior will be finished in pine with some hardwood panels and imported tapestries in the first floor. All suites will have private bath rooms and wall beds. A central heating system and hot water plant will be installed. Bath rooms will have composition floors and tile wainscot. A large open fire place with tile mantle will be used in the owner's apartments. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic with a brick veneer base. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$20,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Dr. Crawfish. This building is to be erected at the corner of Prince and Ellsworth streets covering a considerable area. Interior has been arranged for 12 suites with connecting baths and wall beds. Interior finish will be of pine and redwood. A central heating system, hot and cold running water and a vacuum cleaning plant will be installed. Bath rooms will have composition floors and tile wainscot. Tile and marble will be used in the entrance vestibule. Exterior of the building will be covered with cement plaster on metal lath. Plans are being

prepared for the work.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$25,000. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, J. H. Morrison. The building will be erected on St. Louis street and will cover an area of 60 by 135 feet. There will be five stores on the first floor and the entrance to the apartments above. Upper two floors will be arranged for 50 rooms, two and three room suites. Interior finish will be of pine and redwood. All suites will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, elevator service and a vacuum cleaning system. Patent store fronts will be used in the stores. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared. Work will probably be done by Day Labor under the direction of the architects.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$11,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Morris and Minnie Green. Contractors, Ratto and Giannini, 232 Hartford street, S. F. Contract price, \$11,000.

BANKS.

Contracts Awarded.

BEAVERTON, ORE.—Bank, 2 story and base, brick and steel, \$20,000. Architects, Clausen and Clausen, Macleay Bldg., Portland. Owner, F. W. Cady. Contractor, Bert Houten, Beaverton. Contract price not stated.

BRIDGES AND DAMS.

SALEM, ORE.—Pile and concrete bridge. Cost not stated. Engineer, W. W. Lucius, Portland. Owners, City of Salem. Plans are now being prepared for a bridge 600 feet in length. A portion of this bridge 250 feet will be of reinforced concrete construction and the balance of pine and timber. There will be a 30 foot roadway and two six foot walks, one on each side of the roadway. Plans will be completed in the course of three weeks and bids will then be called for by the City Council. Further mention will be made of this work at that time.

—CHURCHES—

WILLITS, MENDOCINO CO., CAL.—Church, 1 story and base, frame, \$10,000. Architect, E. W. Hyde, Willits. Owners, First Baptist Church of Willits. The building will be erected on a corner site and has been designed with a large auditorium and Sunday School rooms. Interior will be finished in pine and redwood. A central heating system, probably furnace heat, will be installed. Some art glass windows will be used. Design is in the Mission style and exterior will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans

for this work are now being prepared.

ONTARIO, SAN BERNARDINO CO., CAL.—Church, 2 story and base, brick and frame, \$15,000. Architect, Norma F. Marsh, Broadway Central Bldg., L. A. Owners, First Baptist Church of Ontario. The building will be designed in the classic style and will contain a main auditorium seating 300 people and Sunday School room also seating 300 people. Besides these rooms plan provide for 14 class rooms, study hall and ladies' parlors. Interior finish will be of pine and redwood. A central heating system will be installed. Ornamental plaster will be used. Exterior of the building will be covered with pressed brick and cement plaster. Plans are being prepared.

Contracts Awarded.

PORTLAND, ORE.—Church, 1 story and base frame, \$10,000. Architect, C. A. Houghtaling and Co., Henry Bldg., Portland. Owners, Blessed Sacrament Parish Church. Contractor, J. F. Donohue, 295 11th street, Portland. Contract price, \$10,000.

FACTORIES & WAREHOUSES.

PORTLAND, ORE.—Creamery, 3 story and base, reinforced concrete, \$30,000. Architects, Emil Sebacht and Son, Commonwealth Bldg., Portland. Owners, Townsend Creamery Co. The building is to be erected at the corner of 7th and Everett streets covering an area of 100 feet square. Only the first floor will be or reinforced concrete, upper two stories being of brick and mill construction. The various departments of the creamery will be housed in separate parts of the building. Construction will be fireproof. Much marble and tile will be used. Concrete floors will be used throughout. The estimated cost does not include pasteurizing or cold storage machinery. Separate contracts will be let for the mechanical equipment. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

STEVESTON, B. C.—Packing plant, group of 1 and 2 story concrete and frame buildings, \$200,000. Architect, none. Owners, British Columbia Packers' Association, Steveston, B. C. All buildings will be carried on pile foundations and will have reinforced concrete walls. Other parts of the work will be of frame construction. Three separate contracts will be let, general construction of the buildings, electric work and mechanical equipment. Exterior will be covered with cement plaster and rustic. Plans are complete and in the hands of the owners who are now taking figures on the work.

LOS ANGELES, CAL.—Warehouse 4 story and base, brick and steel, Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Barker Bros. The building will be erected at the corner of Moline and Palmetto streets covering an area of 105 by 130 feet. Considerable structural steel will be used. Interior finish will be of pine. There will be metal lath and plaster interior partitions, metal window sash and frames and fireproof doors. Elevator service and modern lighting and plumbing will be installed. Exterior of the building will be faced with stock brick. Plans are now being prepared.

FLATS.

SAN FRANCISCO—Residential flats, story and base, frame, \$7,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mary Wagner. The building will be erected on the east side of 18th avenue near Lincoln way and has been designed to contain 10 large residential flats of seven rooms each. Interiors will be finished in pine and veneer hardwood. Hardwood floors will be used in all rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. A garage is provided for in the basements. Exterior will be covered with shingles and half timber. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$4,000. Architects, Hutchinson Bros., 470 12th street, Oakland. Owner's name withheld. The building will contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Bath rooms will have tile wainscot and composition floors. A large open fire place will be used in each of the living rooms. Mantels will be of tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

GARAGES.

SAN FRANCISCO—Garage and sales rooms, 2 story and base, reinforced concrete, \$30,000. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, B. Davidson. The building will be erected on the east side of Van Ness avenue north of Jackson street and will have a frontage of 40 feet by a depth of 123 feet. The design is in the classic style. Construction will be practically fireproof. Interior partitions will be of metal lath and plaster. Metal window frames and sash are specified. Interior finish will be of pine and hardwood with tile and marble wainscoting and base. There will be steam heat and a vacuum cleaning system. Patent store fronts and plate glass windows will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Garage and sales rooms, 1 story, base and mezzanine floor. Reinforced concrete, \$35,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Walter Sullivan. This building will be erected on Van Ness avenue near Pine and will have a frontage of 60 feet and a depth of 120 feet. There will be a basement and sub-basement. Entire height of the building is 49 feet. Interior partitions will be of metal lath and plaster. Interior finish will be of pine, hardwoods and tile. Cement floors and metal window sash and frames are specified. Considerable marble and tile work will be used. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Automobile sales room alterations. Cost not stated. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, Roy E. Fish. The

present building on Broadway will undergo extensive repairs. Included in the work will be new interior finish, pine, hardwood and tile, electric work, plumbing, painting and plastering. Cement floor will be laid. Exterior of the building will also undergo alteration. Plans are being prepared and figures will shortly be taken.

OAKLAND, CAL.—Garage and sales room, 1 story and base, brick and steel. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building has been mentioned here before when plans were first started. Working drawings have been completed and figures are being taken. The structure will be erected at the corner of Broadway and Brook street and will have foundations and exterior walls heavy enough to carry an additional story. Interior will be finished in pine and hardwood. Tile and marble wainscoting and base will also be used. A tile floor will be laid. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick.

TILLAMOOK, ORE.—Garage, 1 story and base, steel and reinforced concrete, \$15,000. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owner's name withheld. The building has been designed for a commercial garage and will cover an area of 100 by 103 feet. There will be a steel frame and exterior walls of reinforced concrete. A cement floor will cover the entire area. Plans provide for metal window sash and frames and special gasoline storage tanks. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. A general contract will be let.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage, 1 story and base, brick and steel. Cost not stated. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mrs. Frankenheimer. Contractor, Frank Tucker, North Sierra Nevada street, Stockton. Contract price not stated. Note—The entire building has been leased to Lee and Tucker, North Eldorado street, Stockton.

GOVERNMENT WORK AND SUPPLIES.

Puget Sound, Wash., Officers' Quarters.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing marine officers' quarters at the U. S. navy yard, Puget Sound, Wash.:

Item 1, net price for building complete in accordance with the drawings and specification.

Item 2, amount to be added to or deducted from net price under item 1 if Token marble for treads, platforms, and landings be omitted and black slate, free from ribbons or other defects, be used for treads and platforms, including tread at landing levels. Wood floors will be substituted for marble tile at entrance, first and second floor levels.

Item 3, amount to be deducted from net price under item 1 if iron stairs be omitted and wood stairs be used there-

for. All wood shall be fir. Treads shall be edge grain No. 1, 1½ inches thick; risers shall be 13-16 inch thick; newels 5 inches square, with molded panels and caps and drops; rectangular balusters 1½ inches by ¾ inch; molded rail 2 inches by 3 inches. All wood shall be of grades same as those used for similar work and all wood shall be varnished or treated as called for for corresponding interior work. Strings shall be closed.

Item 4, amount to be deducted from net price under item 1 if all blinds be omitted.

Item 5, amount to be deducted from net price under item 1 if plumbing fixtures and accessories be omitted from each rear bathroom on first and second floors. Roughing-in shall be installed with outlets capped for possible future installation of fixtures.

Item 6, amount to be added to net price under item 1 if all plasterwork, except in baths, pantries, and kitchens, be given one coat of sizing and two coats of "Keystone," Harrison's Flat Finish or equivalent approved washable flat paint.

Item 7, amount to be added to net price under item 1 if all window and door openings, including doors from entrance halls to foyers, be screened as specified under "Alternative for screens," paragraphs 250 to 256, inclusive.

Item 8, amount to be added to net price under item 1 if both sides of party wall in first and second stories be furred with strips (the same as called for under carpentry), and covered with "Hydrex-Saniflor," or equivalent sound-deadening felt. The furring and sound proofing will be in addition to the furring specified for lathing.

Item 9, amount to be added to net price under item 1, if plate-glass mirrors not less than 3-16 inch thick be installed on room side of all bedroom closet doors in first and second stories. Mirrors shall extend from top rail to bottom rail and from stile to stile.

Carlson & Son, Seattle, Wash., item 1, \$42,459; 2, \$41,651; 3, \$39,832; 4, \$42,123; 5, \$41,859; 6, \$42,859; 7, \$42,884; 8, \$42,519; 9, \$42,634.

Sundell & Calling, Seattle, Wash., item 1, \$49,928; 2, \$750; 3, \$2,400; 4, \$200; 5, \$600; 6, \$500; 7, \$525; 8, \$50; 9, \$144.

Ingram-Mercer Construction Co., Seattle, Wash., item 1, \$49,000; 2, \$48,802; 3, \$48,000; 4, \$48,742; 5, \$48,550; 6, \$49,900; 7, \$49,525; 8, \$49,040.

W. N. Concanannon Co., Monadnock Building, San Francisco, Cal., item 1, \$49,800; 2, \$175; 3, \$1,375; 4, \$420; 5, \$600; 6, \$390; 7, \$550; 8, \$500; 9, \$150.

Erickson & Larson, Seattle, Wash., item 1, \$45,363; 2, \$403; 3, \$2,870; 4, \$300; 5, \$650; 6, \$160; 7, \$350; 8, \$75; 9, \$144.

Puget Sound Bridge & Dredging Co., Central Building, Seattle, Wash., item 1, \$48,137 and \$46,637; 2, \$160; 3, \$900; 4, \$438; 5, \$600; 6, \$500; 7, \$560; 8, \$200; 9, \$160.

Charles H. Schaar, 721 21st avenue, Seattle, Wash., item 1, \$46,660; 2, \$292; 3, \$1,840; 4, \$292; 5, \$350; 6, \$300; 7, \$437; 8, \$50; 9, \$120.

J. L. Murphey & Son, 3138 N. Ferndland street, Tacoma, Wash., item 1, \$34,716; 2, \$250; 3, \$180; 4, \$133; 5, \$400; 6, \$800; 7, \$350; 8, \$100; 9, \$180.

Pumping Units, San River Project.

The following bids were opened at the U. S. Reclamation Service, Los Angeles, Cal., for furnishing pumping units or the San River project:

Item 1, 2-in direct-connected pumping unit; 2, 3-in direct-connected pumping unit; 3, for both items.

Krogh Mfg. Co., Los Angeles, Cal., item 1, \$172, weight 550 lbs; 2, \$294, weight 1,200 lbs; at San Francisco, 10 days.

Union Iron Works, Los Angeles, Cal., item 1, \$190, weight 630 lbs; 2, \$328, weight 1,220 lbs; at Oakland, Cal., 6 days.

Byron-Jackson Iron Works, Los Angeles, Cal., item 1, \$233, weight 750 lbs; 2, \$365, weight 1,500 lbs; West Berkeley, Cal., 21 days.

D'Olier Centrifugal Pump & Machine Co., Philadelphia, Pa., item 3, \$636, total weight 2,000 lbs; at Philadelphia, 35 days.

Terry Engineering Co., Los Angeles, Cal., item 1, \$280, weight 1,120 lbs; 2, \$400, weight 1,425 lbs; at Los Angeles, 14 days.

C. F. Braun & Co., San Francisco, Cal., item 1, \$297, 900 lbs; 2, \$444, 1,600 lbs; at Newburgh, N. Y., 68 days.

San Francisco, Cal., Mint.

The contract for the installation of a burglar-alarm system in the U. S. mint, San Francisco, Cal., has been awarded to the Butte Engineering & Electric Co., 683 Howard street, San Francisco, Cal., at \$2,490; time to complete 90 days.

Sacramento, Cal., Screens.

The contract for furnishing door and window screens for the U. S. post office and court house, Sacramento, Cal., has been awarded to the Willer Mfg. Co., Milwaukee, Wis., at \$1000; time of completion 4 months.

Pearl Harbor, Cold-Storage Plant.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for an ice making and cold storage plant for the U. S. naval station, Pearl Harbor, H. T.:

Item 1, ice making and cold storage plant, with appurtenances and accessories, erected completed in all details and in perfect working order in accordance with plans and specifications; 1a, for all apparatus, etc., as contemplated by item 1, except the electric lighting as covered by paragraph 24; 2, ice making and cold storage plant, with appurtenances in full accordance with the intent of the specification, as contemplated by item 1, but differing in details as fully detailed under special heading entitled exceptions; 3, for electric lighting as contemplated by paragraph 24; 4, deduction from items 1 or 2 if the government furnished all labor except an expert superintendent; 5, change in price if brine circulation is substituted for ammonia cooling in the cold storage rooms, all as covered by paragraph 23; 6, deduction for the omission of one compressor; 7, deduction for omitting 1 inch of cork-board insulation.

Viter Mfg. Co., Milwaukee, Wis., item 1, \$26,800; alternate, \$26,000; item 2, \$19,700; alternate, \$20,100; item 3, \$750; 4, \$600; 5, \$100; 6, \$800; 7, \$650.

The Mayer Ice Machine & Engineering Co., Jersey City, N. J., item 2, \$21,-

262; 3, \$500; 4, \$3,950; all \$4,073; 5, \$300; 6, \$1,801; 7, \$716.

Frick Co., Waynesboro, Pa., item 1, \$19,775, alternate.

Cleveland Ice Machine Co., Lorain, Ohio, item 1, \$14,500.

Canals and Laterals.

The secretary of the interior has authorized the award to Wilson Bros., of Vandalia, Mont., for constructing 36 miles of Pablo canals and laterals, Flathead irrigation project. The work involves the excavation of about 199,000 cubic yards of material. The contract price is \$33,231.

Canals and Laterals.

The following bids were opened at the office of the U. S. Reclamation Service, St. Ignatius, Mont., for laterals A and 31-A, Pablo canals, Flathead project, Mont., specification No. 245:

Wilson Bros., Vandalia, Mont., schedule 1, item 1, 16c; 2, 29c; 3, 74c; 4, 2c; schedule 2, item 5, 16c; 6, 29c; 7, 74c; 8, 2c; totals, schedule 1, \$16,641; 2, \$16,590.

H. J. Arnoldus, Lovell, Wyo., schedule 1, class 1, 15.9c; 2, 50c; 3, 75c; 4, 2c; total, \$16,650. Schedule 2, item 5, 15.9c; 6, 50c; 7, 75c; 8, 2c; total, \$16,714.

Charles Wilbite & Co., Malta, Mont., schedule 1, item 1, 16c; 2, 45c; 3, 90c; 4, 2c; total, \$16,785. Schedule 2, item 5, 16c; 6, 45c; 7, 90c; 8, 2c; total, \$16,910.

Nelson Rich, Polson, Mont., schedule 1, item 1, 16c; 2, 50c; 3, \$1; 4, 2c; total, \$15,850. Schedule 2, item 5, 17c; 6, 50c; 7, \$1; 8, 2c; total, \$18,020.

Querry & Hipson, Malta, Mont., schedule 1, item 1, 16.5c; 2, 50c; 3, \$1; 4, 2c; total, \$17,350; Schedule 2, item 5, 17c; 6, 50c; 7, \$1; 8, 2c; total, \$18,020.

Tebbs & Taggart, Crowley, Wyo., schedule 1, item 1, 18c; 2, 40c; 3, \$1; 4, 2c; total, \$18,800. Schedule 2, item 5, 19c; 6, 40c; 7, \$1; 8, 2c; total, \$19,340.

L. D. Borden, Stevensville, Mont., item 1, 27c; 2, 60c; 3, \$1.20; 4, 2c; total, \$27,950. Schedule 2, item 5, 27c; 6, 60c; 7, \$1.20; 8, 2c; total, \$27,920.

Phoenix, Ariz., Metal Vault Shelving.

The contract for installing metal vault shelving in the U. S. post office and court house at Phoenix, Ariz., has been awarded to the Watson Mfg. Co., Jamestown, N. Y., at \$1,216; time 90 days.

Canal Requisitions.

The Isthmian Canal Commission has received requisitions for the purchase of the following supplies and material for use on the Panama Canal:

30,000 t. B. M., oak flooring.

The following electrical material:

10,000 ft. stage cable, No. 14, B. & S. gage, duplex rubber covered, 3-64 in.

10,000 ft. stage cable, No. 16, B. & S. gage, duplex rubber covered, 3-64 in.

1,400 inclosed fuses.

2,000 flat porcelain shades.

1,000 lbs friction tape, 3/4 in wide.

42 single-phase transformers.

1 3-phase transformer.

50,000 ft. weatherproof copper wire, No. 12, B. & S. gage.

50,000 ft. weather proof copper wire, No. 14, B. & S. gage.

34 extra-heavy vitreous lavatories.

12 slop sinks.

30 porcelain urinals.

49 water closets, with fittings.

—HALLS & SOCIETY BLDGS.—

OAKLAND, CAL.—Armory. 2 story and base, brick and steel, \$11,000. Architects, Oliver and Thomas Pantages Theatre Bldg, Oakland. Owner, Charles S. Booth. The building will be erected on 24th street between Telegraph and Grove streets. First floor will be arranged for stores and the upper floor for large drill hall and club rooms. Interior finish will be of pine and redwood. A maple floor will be used in the drill hall. Metal window sash and frames are specified. There will be a central heating system and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Women's Club, 2 story and base, frame, \$7,000. Architect, J. B. Ogborn, Macdonald ave., Richmond. Owners, Richmond Club. The building, which will be designed somewhat like a large residence, will be erected on Nevins avenue. Interior finish will be of pine and redwood. Hardwood floors will be used in several of the rooms. There will be a central heating system and open fire place. Mantel will be of brick. Exterior of the building will be covered with cement plaster. Plans are complete and construction will be started as soon as funds can be raised.

HOLTVILLE, IMPERIAL CO., CAL.—Lodge hall and store, 2 story and base, brick, \$20,000. Architects, Mayberry and Parker, Pacific Electric Bldg., L. A. Owners Holtville Masonic Temple Association. The building has been designed with four stores on the first floor, a number of offices and two lodge rooms on the second floor. All interior finish will be of pine and redwood. A maple floor will be used in the lodge rooms. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOSPITALS.

LOS ANGELES, CAL.—2 story and base, reinforced concrete solarium and alterations to present buildings. Cost not stated. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, College of Medicine. Besides the construction of the two story solarium the work will include new plaster in hospital plumbing, painting and installation of operating room equipment. A large amount of tile wainscoting will be used. A new steam heating system will be installed. Exterior of the new building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened on November 7th.

Contracts Awarded.

PATTON, SAN BERNARDINO CO., CAL.—Hospital cottages, J. K. L. and M. frame construction, \$69,600. Architect, George B. McDougal, Sacramento. Owners, State of California. Contractors, Mulder and Harush, 143 South Los Angeles street, L. A. Contract price, \$69,600.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$43,000. Architect, Frank S. Holland, 100 Haight street, S. F. Owner's name withheld. The building will be erected on the south side of Sutter street near Taylor and will have a frontage of 40 feet by a depth of 86 feet. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will contain in the neighborhood of 75 guest rooms all of which will have private bath rooms. Plans provide for steam heat, elevator service and vacuum cleaning system. All rooms will be supplied with hot and cold running water. Interior finish will be of pine and hardwood. Some ornamental plaster will be used in the lobby. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and ready for figures.

FRESNO, FRESNO CO., CAL.—Hotel alterations, \$5,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, T. C. White. This work will consist of extensive alterations to the first floor of the building. Included in the work will be interior finish, plastering, painting and electrical work. New store fronts in patent floors and plate glass windows will be installed. Marble and tile wall also be used. Plans are complete and figures are being taken.

LOS ANGELES CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponet. The building will be erected on a corner lot and has been designed for six stores on the first floor besides the hotel entrance and lobby. Upper floors will contain in the neighborhood of 120 rooms and a large number of baths. There will be steam heat, elevator service and a hot water supply. Interior finish will be of pine with some elm panels. Bath rooms will have composition floors and tile wainscot. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

WILLITS, MENDOCINO CO., CAL.—Hotel and stores, 2 story and base, brick and steel, \$20,000. Architect, E. W. Hyde, Willits. Owner T. Schery. The building is being erected on a corner and will contain stores, the post office and a moving picture theatre on the first floor. Upper floors are arranged for guest rooms. Interior finish will be of pine throughout. A central heating system and hot water supply will be installed. All interior finish in the postoffice will be of metal. There will be patent store fronts. Exterior of the building will be faced with cement plaster. The work is being carried on by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$35,000. Architects, Richards-Neustadt Construction Co., L. A. Owner, Newton E. Cramer. Contractors, The Willard-Slater Co., 2314 Santa Fe ave., L. A. Contract price, \$35,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

Contracts Awarded.

PORTLAND, ORE.—Depot sheds, steel frame, \$10,000. Architect, Engineering Department Northern Pacific Terminal Co., Portland. Owners, Northern Pacific Terminal Co. Contractor, Charles McGonigle, Chamber of Commerce Bldg., Portland. Contract price, \$10,000.

REDONDO JUNCTION, LOS ANGELES CO., CAL.—Roundhouse, machine shops, etc., reinforced concrete construction, \$65,000. Engineer, Chief Engineer G. W. Harris, 6th and Main streets L. A. Owners, Santa Fe R. R. Co. Contractors, Van Sant-Houghton Co., 503 Market street, S. F. Contract price, \$65,000. Note—This work will consist of the following buildings: The main building will be a one-story office building and storage house, forty feet high, making it equivalent to a three-story structure. It will be 50x161 feet, with concrete foundation, walls and floors, reinforcing steel, composition and tin roof, metal lath partitions, steel doors and shutters, sprinkler system, plumbing, and heating plant. The cost is estimated at \$23,000. A concrete power house will be erected 61x76 feet, with concrete partitions, tar and gravel roof, brick floor on the first story, pine above, and steel beams and girders. The cost will be \$10,000. There will be a frame office building 24x60 feet, with rustic exterior, tin roof, pine floors and finish, and electric wiring. Cost, \$3,500. A frame machine shop 40 x 100 feet, will cost \$5500, and a sand house will cost \$2400. There will be a concrete toilet building 26x45 feet, with cement floors and composition roof to cost \$5,600. A reinforced concrete machine shop 60x148 feet, with concrete floors and composition and tin roof will be built to cost \$12,500.

RESIDENCES.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$4,000. Architect, Joseph M. Geary, 23rd and Folsom streets, F. P. Owners, Parkside Home Building Co. The dwelling will be erected on 20th avenue north of Ulloa street and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine, redwood and some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and work will be done by Day Labor. All materials are being purchased by the owners.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Arthur Howard Peterson, Mills Bldg., S. F. Owner, Charles Anderson. The dwelling will be erected on 25th avenue in the Sunset District, and will contain seven rooms and bath. Interior will be finished in pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick or tile.

An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Edward F. Helms, 1334 Church street, S. F. Owner, O. E. Anderson. The house has been designed to contain seven rooms and bath and will be erected on the east side of 15th avenue north of California. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, A. H. Peterson, Mills Bldg., S. F. Owner, A. Kohn. This work has been mentioned here before when plans were first started. Working drawings are complete and construction has been started by Day Labor. The dwelling will be finished in pine and hardwood. There will be hardwood floors and tile wainscot. An automatic water heater will be installed. Exterior will be covered with cement plaster on metal lath. A clay tile roof will be used. All materials are being purchased.

BERKELEY ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. P. Evelath. The dwelling will be erected on Russell street near Piedmont avenue and has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, none. Owner, H. M. Swalley, 745 Grant avenue, Oakland. The dwelling has been designed for a nine room house with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Mitchell. The house has been designed for a seven room dwelling and will be erected on Elvarado Road. In-

terior will be finished largely in pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and figures will be called for shortly.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame. Cost not stated. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mr. Grove. This dwelling, designed for a six room house, will be erected in one of the new residence tracts in Oakland. Interior finish will be of pine throughout. Some hardwood floors will be used. Elm panels will be used in the dining room. There will be urnace heat and open fire place. Mantel will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Joseph T. Carter, Balboa Bldg., S. F. Owner, George Wallace. The dwelling will be erected in Piedmont and will contain eight rooms, baths and sleeping porch. Interior will be handsomely finished in pine and hardwood. Hardwood floors will be used throughout except in the bath room which will have a composition floor. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence 2 story and base, frame, \$4,500. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The dwelling will be erected in the Piedmont by the Lake tract and will contain six rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Principal rooms will have hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and will shortly be out for figures.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 2267 1st street, Sacramento, 2 2-story frame dwellings, \$2,600 and \$3,000 respectively.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: C. A. Kennedy, 720 East Weber street, 1 story frame dwelling, \$1,500; J. E. Rice, 32 South Sutter street, 1 story frame dwelling, \$2,000; C. Kenyon, 727 East Fremont street, 2 story frame dwelling, \$1,500; W. E. Stuart, Stockton, 1 story frame dwelling, \$1,000, and George Lytle, 343 No. Union street, 1 story frame dwelling, \$1,800.

SAN JOSE, SANTA CLARA CO., CAL.

—Cottage, 1 story and base, frame, \$1,800. Architect, none. Owner, Mrs. L. M. Curtis, 29 Montgomery street, San Jose. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. There will be an open fire place in the living room and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor.

HEALDSBURG, SONOMA CO., CAL.—Residence, 1 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Laura E. Gilliss. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick or tile mantel. Automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,000. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. This is the first of several high class homes which the S. A. Born Building Co. will erect on the property on 25th avenue near I street, recently purchased. The dwelling has been designed for a seven room house with bath, garage and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials will be purchased by Mr. Born.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The bungalow will contain six rooms, bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Asbestos roofing is specified. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner C. J. Pfarr, 5455 Shafter avenue, Oakland. The house has been designed for a six room dwelling and will be erected on Joseph street west of Monterey. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath rooms and kitchen. An automatic

water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Leon M. Gove. The house, which has been designed for a seven room dwelling with bath and sleeping porch, will be erected at the corner of Walker Avenue and Boulevard Way. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and large open fire place. Mantel will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,700. Architect, none. Owner, Frank Pegel, 366 10th avenue, S. F. The dwelling has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started at San Jose: Alex York, Russ House, 1 story four room cottage, \$1,400; Rocco Martorona, S. W. William and Monor, 1 story frame cottage, \$800; and L. Morden, 662 Willis ave., repairs to cottage, \$709.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owner, P. W. Niederbauer. The dwelling has been designed for an 11 room house with three baths and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Residences, 2 2-story and base, frame, \$3,500 and \$5,000 respectively. Architect, J. M. Saffell, New Fish Bldg., Fresno. Owner's name withheld. These dwellings will each contain seven rooms and bath. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. The more costly house will have furnace heat. Open fire places will be used in the living rooms and

mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Automatic water heaters will be installed. Exterior of the houses will be covered with cement plaster on metal lath, rustic and shiplap. Plans are now being prepared.

SCHOOLS.

VENICE, LOS ANGELES CO., CAL.—School group, 1 and 2 story, reinforced concrete, \$160,000. Architects, Russell and Singloft, Security Bldg., L. A. Owners, Venice School District. The building or group of buildings will be designed for a polytechnic school. A bond issue of \$250,000 was recently voted and the cost of the site will leave in the neighborhood of \$160,000 for construction. Only preliminary plans have been prepared and details of the work can not be published at this time. Mr. Russell has a San Francisco office in the Humboldt Bank Bldg. Further mention will be made of the work as plans progress.

CLAREMONT, LOS ANGELES CO., CAL.—Music hall, 2 story and base, reinforced concrete, \$300,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. This work has been mentioned here before. The building is designed in the shape of a letter Y and will cover an area of 260 by 45 feet. The building will contain an auditorium seating 1000 people, eight studios and 16 practice rooms. Construction will be fireproof. Interior finish will be of pine and hardwoods. A central heating system, modern plumbing and electric work will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SANTA PAULA, VENTURA CO., CAL.—School, 2 story and base, reinforced concrete, \$60,000. Architects, Allison and Allison, Hibernian Bldg., L. A. Owners, Santa Paula School District. The building will cover an area of 55 by 165 feet. The design is in the Mission style. Plans provide for 16 standard sized class rooms, assembly hall, an auditorium seating 600 people, teachers' rooms and principal's office. Interior finish will be of pine with maple floors. Plans provide for a central heating system, probably steam, a modern system of ventilation, program clocks and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

PALMS, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$45,000. Architects, O. P. Dennis and H. H. Hewitt, Fay Bldg., L. A. Owners, Palms School District. The building will be erected on a corner site and contain eight standard sized class rooms, an assembly hall, teachers rooms and principal's office. Interior will be finished in pine with maple floors. A central heating system will be installed. There will be program clocks and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

EXCELSIOR SCHOOL DISTRICT, KINGS CO., CAL.—School, 1 story, frame, \$5,000. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Excelsior School District. The building

has been designed for a one room district school. Interior finish will be of pine. Stoves will be used for heating. Exterior of the building will be covered with rustic and cement plaster. Plans are now being prepared.

Contracts Awarded.

BUENA VISTA SCHOOL DISTRICT, KERN CO., CAL.—1 story, frame, \$3,000. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Buena Vista School District. Contractor, O. C. Schatz, Bakersfield. Contract price, \$2,539.

VARIOUS STATE INSTITUTIONS, CALIFORNIA.—Concrete and frame construction, \$90,407. Architect, State Department of Architecture, Sacramento. Owners, State of California. The State Engineering Advisory Board has approved the plans and estimates calling for \$90,407 in improvements and buildings at nine different institutions. Included in the prospective improvements, which are to be made under the supervision of State Engineer McClure, was a \$17,500 boys' dormitory at the Sonoma State Home and \$2,685 to be expended for the restoration of the Sonoma Mission. The work approved was Berkeley Deaf & Blind Home, fire escapes, \$6500; Los Angeles Normal School, grand stand, \$2,300; clock and bell system, \$3,200; telephone system, \$3,000; Napa Hospital, laundry, \$18,000; San Francisco Normal School painting, \$1,900; San Jose Normal School manual training building \$3,600, gymnasium \$3,750; Yountville Veterans' Home improvement to building \$2,550, repairs to dining hall \$6,637; San Quentin Prison, guards' cottages \$11,900, windows for cell building \$1,701, plumbing \$1,824; Polson Prison dairy barn, \$5,900.

SEWERS, STREET WORK AND WATER SYSTEMS.

STATE HIGHWAYS, CALIFORNIA.—Highway construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed for state highway work in three counties and figures are now being called. Five separate contracts will be let for the work as follows: Fresno County from Fowler to Kingsburg, (VI, Fre., 4, A); about 8 miles in length, to be built of Portland cement concrete. Fresno County from Fowler to Fresno, (VI, Fre., 4, B); about 8 miles in length, to be built of Portland cement and concrete. San Bernardino County from Upland to Citrus Avenue (VII, S. Bd., 3, A); about 10½ miles in length, to be built of Portland cement concrete. Santa Barbara County from Rincon Creek to Carpinteria Creek (V, S. B., 2, H); about 2½ miles in length, to be graded and paved in part with Portland cement concrete. San Luis Obispo County from Paso Robles to the northerly county boundary (V, S. L. O., 2, A); about 10½ miles in length, to be built of Portland cement concrete. San Luis Obispo County from Santa Margarita to Atascadero Creek, (V, S. L. O., 2, C); about 8½ miles in length, to be built of Portland cement concrete. Plans, specifications and full particulars can be secured by addressing the State Highway Commissioners at Sacramento. Bids will be opened in November 17th. An official proposal appears in another column of this issue.

STORE.

SAN FRANCISCO.—Undertaking parlors, 2 story and base, frame, \$10,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, McAvoy and O'Hara. The building will be erected on the south side of Market street east of 14th street. First floor has been arranged for office, chapel and waiting rooms. Interior finish will be of pine and white enamel. Upper floor will contain living rooms and will be finished in pine and elm panels. There will be a central heating system and automatic water heater. Bath room will have the wainscot. Exterior of the building will be covered with rustic, shiplap and cement plaster. Plans are complete and figures have been taken under advisement by the architect.

SAN FRANCISCO.—Wholesale house, 1 story and base, reinforced concrete, \$11,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, Alfred Gonzalez. The building will be erected on the north side of Washington street east of Davis, in the wholesale district and will be arranged for one large store. The building will be carried on a pile foundation. Interior finish will be of pine throughout. Cement floor will cover the entire area. Metal window sash and frames will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken. A contract will be awarded within a short time.

SAN FRANCISCO.—Stores and lofts, 2 story and base, brick and steel, \$30,000. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, M. Fisher, 105 Montgomery street, S. F. The building will be erected at the southwest corner of Van Ness avenue and Sutter street and will cover an area of 120 by 109½ feet. The building will probably be arranged for the automobile trade. Construction will be of steel and brick with exterior faced with pressed brick. Interior finish will be of pine and hardwood. A cement floor will be used on the ground floor. Upper floor will be finished in pine throughout. There will be plate glass windows in patent store fronts and metal window sash and frames. Plans are nearly complete and work will be done by Day Labor. Mr. Fisher will let sub-contracts on parts of the work.

FRESNO, FRESNO CO., CAL.—Store and residence, 1 and 2 story and base, brick and steel. Cost not stated. Architect, Eugene Mathewson Forsythe Bldg., Fresno. Owner Jacob Richter. The building will be erected at the corner of Mono and I streets and will be arranged for a store on the first floor and the owner's residence on the upper floor. Interior finish will be of pine

and hardwood. There will be a central heating system and an open fire place. Mantel will be of brick. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architect.

FRESNO, FRESNO CO., CAL.—Stores and offices, 4 story and base. Class A construction, \$120,000. Architect's name not given. Owner, L. L. Cory, Fresno. The building will be erected at the corner of J and Fresno streets and will have frontages of 150 by 65 feet. There will be several stores on the first floor and a large number of offices on the upper floors. There will be a complete steel frame with exterior walls of brick and concrete faced with pressed brick or terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. Concrete floors will be used. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Interior finish will be of pine, hardwood, metal trim and marble. Patent store fronts and plate glass windows are specified. The name of the architect and further details of the work will be published later. Construction will be started within a couple of months.

LOS ANGELES, CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The building will be erected on a corner site and will cover an area of 90 by 100 feet. The building has been designed to contain five large stores. A cement floor will cover the entire area. There will be metal window sash and frames. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOLLYWOOD, LOS ANGELES CO., CAL.—Stores and lofts, 4 story and base, \$10,000. Architect, E. A. Parcher, 1524 LaBaja avenue, L. A. Owner, C. E. Toberman. The building will be erected on a corner site covering an area of 75 feet square. The first floor will contain four stores and second floor eight suites of offices. Third and fourth floors will contain sixteen apartments of two and three rooms each. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a hot water supply. Bath rooms will have composition floors and tile wainscot. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete.

THEATRES.

SAN FRANCISCO—Nickelodeon, 1 story frame, \$10,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected at the southwest corner of Desavadero and Grove streets and will cover an area of 40 by 103 feet. The auditorium will seat 239 people. Interior will be finished in pine throughout. A modern system of ventilation will be installed. Considerable ornamental plaster will be used. Exterior of the building will be covered with rustic and shiplap. A large ornamental marquee will be used on the main entrance. Plans are complete and figures are being taken.

SAN FRANCISCO—Amusement pier, 2 story reinforced concrete and frame, \$1,000,000. Architects, Coates and Traver, Addison Head Bldg., S. F. Owners, Ocean Pier Amusement Co., 706 Merchants' National Bank Bldg., S. F. The exact location of this pier has not been given to the public. Only preliminary sketches have been made and the promoters are now arranging for financing construction. There will be several buildings on the pier and they will house the various concessions. Further mention will be made if the work progresses.

ALAMEDA, ALAMEDA CO., CAL.—Amusement park and baths, concrete and frame construction, \$200,000. Architect, A. L. Mazurette, Bacon Bldg., Oakland. Owners, The Alameda Baths, Casino and Swimming Co. These buildings are to be erected at the southwestern end of the city and include a large casino, power house, bath houses and swimming pool. Special mechanical equipment will be used in the power house including a hot water heating system. Interior of the casino and bath houses will be finished in pine and redwood. There will be structural steel, reinforced concrete work and a large amount of marble and tile used. Exterior of the buildings will be covered with cement plaster on metal lath. Plans are being prepared and bids will be called for as soon as working drawings can be completed.

Contracts Awarded.

LOS ANGELES, CAL.—Moving picture house, 1 story and base, brick, \$15,050. Architects, Austin and Pennell, Wright and Calender Bldg., L. A. Owner, Joseph L. Murphey. Contractors, Roman and Klarquist, Union League Bldg., L. A. Contract price, \$15,050.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 804—Galvanized Steel or Iron, Tool Steel, Planished Iron, Wire Cable, Chain, Steel Wire, Horseshoes, Machine Bolts, Lock Bolts, Nut Nails, Screws, Track Wrenches, Cable Clips, Wrought Iron or Steel Pipe, Castiron Pipe, Pipe Fittings, Stovepipe, Lead Pipe, Lead Bends, Brass Tubing, Sheet Brass, Bronze Bars, Sheet Copper, Sheet Lead, Sheet Zinc, Solder, Tracks, Valves, Cocks, Water-Closet Seats, Water Closets, Force Cups, Shovels, Spades, Picks, Files, Filers, Hamps, Hinges, Saws, Machetes, Night Latches, Snatch Blocks, Wheelbarrows, Galvanized Buckets, Corn Brooms, Paint Brushes, Ladders, Water Coolers, Metallic Tapes, Manila Rope, Suction Hose, Packing Tarpaulins, Cotton Canvas, Ticking, Sash, Cord, Twine, Emery Cloth, Leather, Fire Brick, Vitrified Sewer Pipe, and Soap Polish.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., November 12, 1913**, at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 804) may be obtained from this office or the offices of the assistant purchasing agents, 1086 N. Point street, San Francisco, Cal.; also from the U. S. engineer office in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, corps engineers, U. S. A., general purchasing officer.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 517 Forum Bldg., Sacramento, Cal., until **2 o'clock P. M., on November 17th, 1913**, at which time they will be publicly opened and read,

for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Fresno County, from Fowler to Kingsburg, (V. S. Fr. 4, A); about 8 miles in length, to be built of Portland cement concrete.

Fresno County, from Fowler to Fresno (V. S. Fr. 4, B); about 8 miles in length, to be built of Portland cement concrete.

San Bernardino County from Upland to Chrus Avenue, (V. S. Fr. 9, A); about 10½ miles in length, to be built of Portland cement concrete.

Santa Barbara County from Rincon Creek to Carpinteria Creek, (V. S. Fr. 2, H); about 3½ miles in length, to be graded and paved in part with Portland cement concrete.

San Luis Obispo County from Paso Robles to the northern city boundary (V. S. Fr. 2, A); about 10½ miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to San Saba Creek, (V. S. Fr. 2, C); about 8½ miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work occurs. The Division Engineers' offices are located at Williams, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bids will be received unless it is made out on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

BURTON A. TOWNE,

CHARLES D. BLANEY,

NEWELL D. DARLINGTON,

California Highway Commission.

AUSTIN B. FLETCHER,

Highway Engineer.

WILSON R. ELLIS, Secretary.

Dated: October 13, 1913. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Wednesday, November 26, 1913**, said bids then and there to be publicly opened and read. Proposals for furnishing all plant materials, and labor, and doing the work required for the construction and erection of a building to be known as the new State Building, at the State Department of Engineering at Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Each bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of \$10.00 Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Nursery Building for Males, Sonoma State Home, Eldridge, California."

[Signed] W. F. McClure, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Friday, November 28, 1913**, said bids then and

there to be publicly opened and read for furnishing all plant materials, and labor, and doing the work required for construction and erection of a building known as the Laundry Building at the Napa State Hospital, Napa, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Laundry Building, Napa State Hospital, Napa, California."

[Signed]

W. F. McCURE,
State Engineer. (*)

PROPOSALS FOR CONSTRUCTING BUILDING.

BUILDING — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. November 26, 1913, for the construction, complete, of the U. S. post office at Albany, Oreg. Drawings and specifications may be obtained from the custodian of the site at Albany, Oreg., or at this office, in the discretion of the supervising architect. O. WENDE-ROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 212, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M. Thursday, November 26, 1913, for Constructing a Court of Honor in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

BUNGALOW — 1½ story and base, frame, \$1,000. San Francisco. Architect, Joseph M. Geary, 23rd and Folsom streets, S. F. Owner, Parkside Home Building Co. The dwelling will be erected on 20th avenue north of Ulloa street and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine, redwood and some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and work will be done by Day Labor. All materials are being purchased by the owners.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, Arthur Howard Peterson. Mills Bldg., S. F. Owner, Charles Anderson. The dwelling will be erected on 25th avenue in the Sunset District and will contain seven rooms and bath. Interior will be finished in pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick or tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$6,000. San Francisco. Architect, Edward F. Helms, 1334 Church street, S. F. Owner, O. E. Anderson. The house has been designed to contain seven rooms and bath and will be erected on the east side of 15th avenue north of California. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, A. H. Peterson. Mills Bldg., S. F. Owner, A. Kohn. This work has been mentioned here before when plans were first started. Working drawings are complete and construction has been started by Day Labor. The dwelling will contain seven rooms and is being erected in St. Francis Wood. Interior will be finished in pine and hardwood. There will be hardwood floors and tile or brick mantels. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior will be covered with cement plaster on metal lath. A clay

tile roof will be used. All materials are being purchased.

APARTMENT HOUSE — 3 story and base, frame, \$25,000. San Francisco. Architects, Falch and Knoll, Hearst Bldg., S. F. Owner, Miss D. Loaiza. The building will be erected at the southwest corner of Washington and Taylor streets and has been designed to contain 18 suites of two and three rooms. Interior finish will be of pine. Some elm panels will be used in the living rooms and dining rooms. There will be steam heat and a vacuum cleaning system. All suites will have wall beds and private bath rooms. Ornamental plaster will be used in the lobby. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Marble and tile will be used in the entrance vestibule. Plans are now being revised and bids will be called for shortly.

APARTMENT HOUSE — 3 story and base, frame, painting only. Cost not stated. San Francisco. Architect, none. Owner, A. Benzinzer, South side of Green street near Montgomery, S. F. The owner is now taking figures on painting, interior and exterior, of the building now in the course of construction. There are twelve suites of two and three rooms. Mr. Benzinzer will be found at the building.

APARTMENT HOUSE — 3 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner, Mrs. Sarah Norton. This building will be erected on the north side of Hayes street west of Webster. The first floor will contain the residence of the owner and will be arranged for eight rooms. Upper floors will contain four suites of four rooms each. Interior will be finished in pine with some hardwood panels and imported tapestries in the first floor. All suites will have private bath rooms and wall beds. A central heating system and hot water plant will be installed. Bath rooms will have composition floors and tile wainscot. A large open fire place with tile mantel will be used in the owner's apartments. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic with a brick veneer base. Plans are complete and figures are being taken.

GARAGE AND SALES ROOMS — 2 story and base, reinforced concrete, \$20,000. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, B. Davidson. The building will be erected on the east side of Van Ness avenue north of Jackson street and will have a frontage of 60 feet by a depth of 123 feet. The design is in the classic style. Construction will be practically fireproof. Interior partitions will be of metal lath and plaster. Metal window frame and sash are specified. Interior finish will be of pine and hardwood with tile and marble wainscoting and base. There will be steam heat and a vacuum cleaning system. Patent store fronts and plate glass windows will be used.

Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

GARAGE AND SALES ROOMS—1 story, base, and mezzanine floor. Reinforced concrete, \$35,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Walter Sullivan. This building will be erected on Van Ness avenue near line and will have a frontage of 60 feet and a depth of 120 feet. There will be a basement and sub-basement. Entire height of the building is 49 feet. Interior partitions will be of metal lath and plaster. Interior finish will be of pine, hardwoods and tile. Cement floors and metal window sassa and frames are specified. Considerable marble and tile work will be used. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$8,000. San Francisco. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. This is the first of several high class homes which the S. A. Born Building Co. will erect on the property on 25th avenue near J street, recently purchased. The dwelling has been designed for a seven room house with bath, garage and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials will be purchased by Mr. Born.

HOTEL—6 story and base, reinforced concrete, \$15,000. San Francisco. Architect, Frank S. Holland, 109 Haight street, S. F. Owner's name withheld. The building will be erected on the south side of Sutter street near Taylor and will have a frontage of 49 feet by a depth of 86 feet. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will contain in the neighborhood of 75 guest rooms, all of which will have private bath rooms. Plans provide for steam heat, elevator service and vacuum cleaning system. All rooms will be supplied with hot and cold running water. Interior finish will be of pine and hardwood. Some ornamental plaster will be used in the bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and ready for figures.

ISLAND PARKS—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. J. G. Harney submitted the lowest regular figure to the Board of Public Works at their last meeting for constructing Island Park in Dolores street. This bid which will probably be accepted, is \$6,799. A complete list of the figures received appear under the heading of San Francisco in this issue.

UNDERTAKING PARLORS—2 story

and base, frame, \$10,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, McAvoy & O'Hara. The building will be erected on the south side of Market east of 14th street. First floor has been arranged for office, chapel and waiting rooms. Interior finish will be of pine and white enamel. Upper floor will contain living rooms and will be finished in pine and elm panels. There will be a central heating system and automatic water heater. Bath room will have tile wainscot. Exterior of the building will be covered with rustic, shiplap and cement plaster. Plans are complete and figures have been taken under advisement by the architect.

WHOLESALE HOUSE—1 story and base, reinforced concrete, \$11,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, Alfred Gonzalez. The building will be erected on the north side of Washington street east of Davis, in the wholesale district and will be arranged for one large store. The building will be carried on a pile foundation. Interior finish will be of pine throughout. Cement floor will cover the entire area. Metal window sash and frames will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken. A contract will be awarded within a short time.

STORES AND LOFTS—2 story and base, brick and steel, \$50,000. San Francisco. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, M. Fisher, 105 Montgomery street, S. F. The building will be erected at the southwest corner of Van Ness avenue and Sutter street and will cover an area of 129 by 109½ feet. The building will probably be arranged for the automobile trade. Construction will be of steel and brick with exterior faced with pressed brick. Interior finish will be of pine and hardwood. A ground floor will be used on the ground floor. Upper floor will be finished in pine throughout. There will be plate glass windows in patent sash fronts and metal window sash and frames. Plans are nearly complete and work will be done by Day Labor. Mr. Fisher will let subcontracts on parts of the work.

NICKLEDEON—1 story, frame, \$10,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected at the southwest corner of Divisadero and Grove streets and will cover an area of 40 by 105 feet. The auditorium will seat 539 people. Interior will be finished in pine throughout. A modern system of ventilation will be installed. Considerable ornamental plaster will be used. Exterior of the building will be covered with rustic and shiplap. A large ornamental iron marquise will be used on the main entrance. Plans are complete and figures are being taken.

AMUSEMENT PIER—2 story reinforced concrete and frame, \$1,000,000. San Francisco. Architects, Coates and Trover, Addison Head Bldg., S. F. Owners, Ocean Pier Amusement Co., 715 Merchants' National Bank Bldg., S. F. The exact location of this pier has not been given to the public. Only preliminary sketches have been made and the promoters are now arranging

for financing construction. There will be several buildings on the pier and they will house the various concessions. Further mention will be made if the work progresses.

CONCRETE AND FRAME CONSTRUCTION—\$90,107. Various state institutions, California. Architect, State Department of Architecture, Sacramento. Owners, State of California. The State Engineering Advisory Board has approved the plans and estimates calling for \$90,107 in improvements and buildings at nine different institutions. Included in the prospective improvements, which are to be made under the supervision of State Engineer McClure, was a \$17,500 boys' dormitory at the Sonoma State Home and \$2,685 to be expended for the restoration of the Sonoma Mission. The work approved was Berkeley Deaf and Blind Home, fire escapes, \$6,500; Los Angeles Normal School, grand stand \$2,360, clock and bell system \$3,200, telephone system \$3,000; Napa hospital, laundry \$18,000; San Francisco Normal School, painting \$1,900; San Jose Normal School, manual training building \$3,600, gymnasium \$3,750; Yountville Veterans' Home, improvement to building \$2,550, repairs to dining hall \$6,637; San Quentin Prison, guards' grotto \$11,900, windows for cell building, \$1,701, plumbing \$1,824; Folsom Prison dairy barn \$5,900.

RESIDENTIAL FLATS—2 story and base, frame, \$7,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mary Wagner. The building will be erected on the east side of 18th avenue near Lincoln Way and has been designed to contain two large residential flats of seven rooms each. Interiors will be finished in pine and veneer hardwood. Hardwood floors will be used in all rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. A garage is provided for in the basements. Exterior will be covered with shingles and half timber. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$4,700. San Francisco. Architect, none. Owner, Frank Pegel, 366 10th avenue, S. F. The dwelling has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$11,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Morris and Minnie Green, Hartford street, S. F. Contract price, Contractors, Ratto and Giannini, 232 \$11,000.

City Bids Opened.

Five Sets of Bids Submitted to Board of Public Works For Constructing Island Parks.

Bids were received by the Board of Public Works at their Wednesday afternoon session for constructing Island Parks along Dolores street, where parks are not already constructed. T. W. McClenahan submitted a figure of \$3,334, but claims a mistake of \$2,900. The next lowest figure was submitted by J. G. Harney for \$6,700. The following is a list of all figures received:

Constructing Island Parks.

Monson Bros.	\$10,790.00
Blanchard-Brown Co.	6,734.50
McSheehy Bros.	6,724.00
T. W. McClenahan.	3,334.00
J. G. Harney.	6,700.00

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
3337	Hills	Witzelsberger	1550
3338	Sacred Heart	Graham	1253
3339	Rittore	Ferroni	6000
3340	Norton	Leigh	2235
3341	Miller	Miller	1650
3342	Harrison	Beach	3100
3343	Nolan	Nolan	1970
3344	Sylvia	Sylvia	1250
3345	Langpaap	Leigh	500
3346	Brown	Brown	2900
3347	Wolff	Born	8100
3348	Lachman	Malloch	4152
3348	Egan	Welsh	3470
3349	Dillon	Petry	7000
3350	Moody	Larsen	3480
3351	Water Front	Arnold	1520
3352	Allred	Allred	2500
3353	Sass	Sass	6000
3354	Pape	Olson	1650
3355	Holward	Ward	7920
3356	Blum	Con Concrete	1200
3357	Oppici	Prasso	3850
3358	Roth	Pearson	500
3359	Johnson	Johnson	500
3360	Pogel	Pogel	4700
3361	McLachlan	McLachlan	1500
3362	Agarrie	Zupar	600
3363	Carnegie Hsptl	Gilmour	1000
3364	Karetton	Karetton	450
3365	Turner	Brumfield	500
3366	McDevitt	McDevitt	1400
3367	Kohn	Kohn	5000
3368	Fisher	Fisher	3200
3369	Monson	Monson	1800
3370	Parkside Bldg Co.	Owner	4000
3371	Montrouil	Montrouil	1250
3372	Brooks	Chase	1000
3373	Dreyer	Dahl	2567
3374	Blattner	New Era	1600
3375	Goodfrey	Stevenson	2000
3376	Gray	Hamill	4400
3377	Lombardi	Petri	3837
3378	Herlich	Montgomery	2190
3379	Hamill	Hamill	2800
3380	P P I E.	Healy	4930
3381	Holgersen	Miller	400
3382	St Ignatius	Col. Owner	400
3383	Garcenau	Rosenberg	400
3384	Chichizola	Chichizola	400
3385	Atlas	Moise	400
3386	Freng	Strong	400
3387	Wertheil	Pierson	400
3388	Reid	Roller	1175
3389	Swayne	Sunset	7000
3390	Dillon	Petry	1200
3391	Myers	Leigh	2000
3392	Same	Same	2000
3393	Same	Same	2000
3394	Born	Born	800
3395	Weller	Dickerson	450
3396	Henry	Henry	1000
3397	Tiscornia	Tiscornia	1800
3398	U R R.	U R R	500
3399	Pope	Reid	5200
4000	Same	Same	5200
4001	Kirstovich	Nelson	1200
4002	Bergquist	Bergquist	1200
4003	Same	Same	1200
4004	Harrison	Beach	450
4005	Tracy	McCarthy	1000
4006	Green	Ratto	11000
4007	McAllister	Jacks	7450
4008	Oakland Brwg	Trevia	6955

(Correction in Architect's Name.)

(3948) NW LOMBARD AND OCTAVIA W 31-3xN 82-6. All work except light fixtures for two-story flat and store. Owner.....H. H. Sattler and Gustave Lachman, Nevada Bank Bldg., San Francisco. Architect...Heilman & Schwartz, Nevada Bank Bldg., S. F. Contractor...J. S. Malloch, 110 Jessie, San Francisco.

Filed Oct. 28, '13. Dated Oct. 16, '13.
Roof on\$1038.25
Brown coated 1038.25
Completed 1038.25
Usual 35 days 1038.25

TOTAL COST, \$4153.00

Bond, \$2076.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(3937) NO. 15 PATTON. Alterations and additions to make a two-story frame building (flats). Owner.....Chas. J. Hills, Premises. Architect...Plans by Contractor.

Contractor..Jacob Witzelsberger, 126 Rousseau, San Francisco.

Filed Oct. 27, '13. Dated Oct. 9, '13.
Completed and accepted.....\$1550

TOTAL COST, \$1550

Bond, none. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(3938) NW JACKSON AND SCOTT N 127-84xW 127-6. Slatting work for Chapel addition and for additions and alterations to present building. Owner.....Academy of the Sacred Heart.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor..R. G. Graham, 898 Monadnock Bldg., S. F.

Filed Oct. 27, '13. Dated Oct. 17, '13.
Slate has been delivered on premises\$500

Completed and accepted..... 439

Usual 35 days 314

TOTAL COST, \$1253

Bond, \$700. Surety, Fidelity & Deposit Co. of Maryland. Limit, 15 days after completion of roof sheathing. Forfeit, \$25. Plans and specifications filed.

(3939) S GREENWICH 157-6 W Grant Ave 32-9x137-6. All work except gas fixtures, window shades and finish hardware for two-story and basement frame flats.

Owner.....Markana Rittore, 972 Greenwich, S. F.

Architect...Paul J. Capurro, 1844 Powell, San Francisco.

Contractor..G. Ferroni & Sons, 3045 Octavia, San Francisco.

Filed Oct. 27, '13. Dated Aug. 26, '13.
Frame up\$1500

Brown coated 1500

Completed and accepted..... 1500

Usual 35 days 1500

TOTAL COST, \$6000

Bond, none. Limit, 90 days after Sept. 1. Forfeit, none. Plans and specifications filed.

(3940) W TWENTY-FIRST AVE 41 N Geary N 25xW 70. Concrete, carpenter, wiring, plumbing and painting for five-room and basement frame cottage.

Owner.....Mike and Bridget Norton, Premises.

Architect...Plans by Contractor.

Contractor..Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Oct. 27, '13. Dated Oct. 3, '13.

Walls up and roof on.....\$558.75

Brown coated 558.75

Completed 558.75

Usual 35 days 558.75

TOTAL COST, \$2285.00

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

NOTE—Specifications read S 18th Avenue 100 N Clement.

(3941) E MOULTRIE 75 S Jefferson. One-story and basement frame dwlg.

Owner.....Wm. Miller, 49 Park, S. F.

Architect...None.

Day's work. COST, \$1650

(3942) N SUTTER 107-6 W Hyde. General repairs to store.

Owner.....A. Roy Harrison, 1008 Sutter, San Francisco.

Architect...M. Mattanovich, Hewes Bldg., San Francisco.

Contractor..Beach & Heffernan, Hewes Bldg., San Francisco.

COST, \$450

(3943) W TWENTYETH AVE 125 S California. Two-story and basement frame cottage.

Owner.....Will Nolan, 1219 Webseer, San Francisco.

Architect...None.

Day's work. COST, \$1970

(3944) W THIRTIETH AVE 130 N Clement. One and one-half-story and basement frame residence.

Owner.....A. M. Sylvia, 353 27th Ave., San Francisco.

Architect...None.

Day's work. COST, \$1250

(3945) S CLEMENT 75 W Nineteenth Ave. Add 3 rooms and concrete foundation.

Owner.....Hugo Langpaap, Premises.

Architect...None.

Contractor..Leigh & Schultz, 330 8th Ave., San Francisco.

COST, \$500

(3946) E SIXTH AVE 25 S Kirkham. Two-story and basement frame residence.

Owner.....Lillie E. Brown, 1434 6th Ave., San Francisco.

Architect...None.

Contractor..S. E. Brown, 1434 6th Ave., San Francisco.

COST, \$2904

(3947) L BRODERICK 82-6 S Green S 27-6xS 165 WA 493. All work for two-story and basement and attic frame residence.

Owner.....Julia E. Wolf.

Architect...Edw. G. Bolles, 660 Market, San Francisco.

Contractor..Geo. A. Born, 660 Market, San Francisco.

Filed Oct. 28, '13. Dated Oct. 27, '13.
Rough frame up.....\$1518

1st coat plaster on..... 1518

Standing finish up..... 1521

Completed and accepted..... 1521

Usual 35 days..... 2025

TOTAL COST, \$8100

Bond, \$4050. Surety, S. A. Born. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(3948) E EIGHTEENTH AVE 100 S Anza S 25xE 120. All work for two-story frame residence.

Owner.....E. J. Egan.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor..Jas. Welsh.

Filed Oct. 29, '13. Dated Oct. 29, '13.
Rafters on\$867 50
Brown coated 867 50
Completed and accepted..... 867 50
Usual 35 days..... 867 50

TOTAL COST, \$3470 00

Bond, \$1735. Surety, The Aetna Accident & Liability Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3949) S PAGE 90 E Fillmore E 25 S 105 W 25 N to beg. All work for three-story & basement frame building (flats, garage and store).

Owner.....Wm. R. and Catherine M. Dillon, 763 Page, S. F.

Architect...None.

Contractor..Adolph Petry, 336 Pierce, San Francisco.

Filed Oct. 29, '13. Dated Oct. 28, '13.

Rough frame enclosed.....\$1000
Brown coated 2500
Completed 1750
Usual 35 days..... 1750

TOTAL COST, \$7000

Bond, \$3500. Sureties, Philip Wesendunk and H. H. Norman. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3950) S WASHINGTON 206-2 W Laurel S 127-8 1/4 x W 30. All work for two-story frame apartments and garage.

Owner.....Ida J. Moody.

Architect...J. R. Miller, 213 Lick Bldg San Francisco.

Contractor..H. H. Larsen & Bro., Lick Bldg., San Francisco.

Filed Oct. 29, '13. Dated Oct. 28, '13.

Rough frame up.....\$870
Outside shingled and roof on.... 870
Completed and accepted..... 870
Usual 35 days..... 870

TOTAL COST, \$3480

Bond, \$1740. Sureties, Chris Larsen & E. L. Fischer. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3951) S OREGON 53 m or 1 W from E line East S 30 W 12 N 18 W 20 N 12 E 32. Brick, cement, concrete, trenching excavation, filling, iron, galvanizing iron, carpentry, joinery, hardware, mill, glazing, electric, painting, plumbing, etc., for one-story Class "C" laundry building with loft.

Owner.....Water Front Realty Co., 126 Post, San Francisco.

Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor..H. W. Arnold.

Filed Oct. 29, '13. Dated Oct. 28, '13.

Mezzanine joists set with brick walls\$350
Building roofed 350
Completed and accepted..... 350
Usual 35 days..... 350

TOTAL COST, \$1520

Bond, none. Limit, 40 days. Forfeit, \$3. Plans and specifications filed.

(3952) S LIBERTY 272-6 E Dolores E 25xS 114 MB 76. All work for two-story frame residence.

Owner.....Margie L. Alired, 120 Onondago Ave., S. F.

Architect...None.

Contractor..Clifford S. Alired, 120 Onondago Ave., S. F.

Filed Oct. 29, '13. Dated Oct. —, '13.

Frame up\$625
Brown coated 625
Completed 625

Usual 35 days..... 625

TOTAL COST, \$2500

Bond, limit, forfeit, none. Plans and specifications filed.

NOTE:—First report Oct. 18, No. 3313

(3953) E ST. ANNE 118-7 1/2 N Pine N 42-6x E 60. Brick, cement, carpenter, plumbing, painting, etc., for three-story and basement Class "C" lofts.

Owner.....Helen and Henry Sass, 972 Dolores, San Francisco.

Architect...None.

Contractor..Sass & Son, 648 California, San Francisco.

Filed Oct. 29, '13. Dated Oct. 27, '13.

Payments of 75% as work progresses as follows:

2nd floor joists on.....

Roof on 1500

Building completed..... 1500

Usual 35 days balance 25%.....\$1500

TOTAL COST, \$6000

Bond, none. Limit, Jan. 1, '14. Forfeit, \$5. Plans and specifications filed.

NOTE:—First report Oct. 8, No. 3666.

(3954) NO. 920 SANCHEZ. Alterations and additions to one-story frame cottage.

Owner.....Henry J. and Auguste Pape Premises.

Architect...John A. McCarthy.

Contractor..A. E. Olson, 125 Jersey, San Francisco.

Filed Oct. 29, '13. Dated Oct. 28, '13.

Frame up\$315.50

Ready for lathing..... 315.00

White coated 315.00

Completed and accepted..... 315.00

Usual 35 days..... 420.00

TOTAL COST, \$1680.50

Bond, \$340. Sureties, H. A. Norman and Albin M. Samuelson. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3955) N GEARY 112-6 W Hyde W 25x N 137-6. All work for one-story Class "C" building.

Owner.....Chas. S. Howard.

Architect...Frederick H. Meyer, Bankers' Invst Bldg., S. F.

Contractor..Ward & Goodwin, 981 Guerrero, San Francisco.

Filed Oct. 29, '13. Dated Oct. 29, '13.

On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$7920

Bond, \$3960. Sureties, P. H. Loftus and Geo. Hammersmith. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3956) N POST 247-3 W Van Ness Ave W 27-6xN 120. Concrete retaining wall.

Owner.....Leon Blum.

Architect...Sylvain Schnaltacher, 1st National Bank Bldg., S. F.

Contractor..The California Concrete Co., 14 Montgomery, S. F.

Filed Oct. 29, '13. Dated Oct. 23, '13.

Wall is poured.....\$700

Completed and accepted..... 200

Usual 35 days..... 300

TOTAL COST, \$1200

Bond, \$600. Sureties, Wm. Sorensen & J. H. Anlster. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(3957) W GRANT AVE 92-6 N Greenwich 22-6x58-9. Excavation, concrete, cement, flues, tile and terrazzo, carpenter, roof, galvanized iron and

sheet metal doors, windows, plaster, glazing, plumbing, gas fitting and electric work for three-story frame flats.

Owner.....G. and F. Oppiel.

Architect...Zanolini & Jewett, 604 Montgomery, S. F.

Contractor..P. Prasso, 22-A Julius, San Francisco.

Filed Oct. 29, '13. Dated Oct. 28 '13.

75% as follows:

Frame up, rough plumbing and electric work in and roof on....

Enclosed and rough plastering on

Completed and accepted.....

Usual 35 days.....

TOTAL COST, \$3850

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(3958) NO. 259 SIXTH. Raise building to official grade and extend foundation.

Owner.....D. Roth, 1 Drumm, S. F.

Architect...None.

Contractor..E. K. Pearson, 2362 Bryant, San Francisco.

COST, \$500

(3959) N FILLMORE 40 S Sacramento. Plaster front, erect marquee and install prism glass.

Owner.....Johnson Bros., Premises.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$500

(3960) N GEARY 60 W Jordan Ave. Two-story and basement frame residence.

Owner.....Frank Pegel, 366 10th Ave., San Francisco.

Architect...None.

Day's work. COST, \$4700

(3961) E TWENTY-FOURTH AVE 150 S Anza. Two-story and basement frame dwelling.

Owner.....G. H. McLachlan and Wm. B. Tibbals, 2250 Clement, San Francisco.

Architect...None.

Day's work. COST, \$1500

(3962) W ABBY 100 N 17th. Add 4 bath rooms and minor repairs to dwelling.

Owner.....Fortunato Agarrrie, 15 Abby, San Francisco.

Architect...None.

Contractor..Wm. G. Zupar, 1095 Mission, San Francisco.

COST, \$600

(3963) 36 KEARNY. Erect partition and alter offices.

Owner.....Carnegie Hospital Ass'n., 246 Cole, San Francisco.

Architect...Joseph Cahen, 45 Kearny, San Francisco.

Contractor..T. D. Gilmour.

COST, \$1000

(3964) NO. 831 RHODE ISLAND. One-story frame stable.

Owner.....Alek Karetan, Premises.

Architect...None.

Day's work. COST, \$450

(3965) NO. 2757 MISSION. Electric sign.

Owner.....Turner & Dahnen, Prem.

Architect...None.

Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$500

(3966) N TWENTY-NINTH 230 E Castro. One and one-half-story and basement frame dwelling.
Owner.....A. J. McDevitt, 1668 Dolores, San Francisco.
Architect...None.
Day's work. COST, \$1400

(3967) E SAN FERNANDO WAY 105 N St. Francis Boulevard. Two-story and basement frame residence.
Owner.....A. Kohn, 872 Clayton, S. F.
Architect...A. H. Peterson, Mills Bldg., San Francisco.
Day's work. COST, \$5000

(3968) SW VAN NESS AVE AND Sutter. Two-story brick stores and lofts.
Owner.....M. Fisher, 105 Montgomery San Francisco.
Architect...D. C. Coleman, Merchants' Bank Bldg., S. F.
Day's work. COST, \$30,000

(3969) W CUVIER 325 N Bosworth. One and one-half-story and basement frame dwelling.
Owner.....F. Monson, 865 Church, S. F.
Architect...None.
Day's work. COST, \$1800

(3970) E TWENTIETH AVE 216-S N Ulloa. One and one-half-story and basement frame residence.
Owner.....Parkside Home Bldg. Co., (for Helen and Grace A. Sullivan), 408 Crocker Bldg San Francisco.
Architect...Jos. M. Geary, 23rd and Folsom, San Francisco.
Day's work. COST, \$4000

(3971) W MOULTRIE 100 S Powhattan. One-story and basement frame dwlg.
Owner.....P. W. Montrouil, 255 Moultrie, San Francisco.
Architect...None.
Day's work. COST, \$1250

(3972) SE HOWARD AND EIGHTH. Raise saloon, rat proof, plumbing and brick work for same.
Owner.....J. H. Brooks.
Architect...None.
Contractor...John G. Chase Jr., 463 31st Ave., San Francisco.
COST, \$1000

(3973) E SIXTEENTH AVE 100 S Anza S 25x—. All work except finished hardware, shades, gas and electric fixtures, water, gas and sewer connections for one and one-half-story and basement frame building.
Owner.....Viola A. & Wm. H. Dreyer, 467 19th Ave., S. F.
Architect...None.
Contractor...Emile Dahl and Wm. Bahrs 519 19th Ave., San Francisco
Filed Oct. 30, '13. Dated Oct. 27, '13.

Frame up\$513.50
Ready for lath 513.50
White coated 513.50
Completed and accepted..... 513.50
30 days after..... 513.50
TOTAL COST, \$2567.50
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3974) S DAY 180 W Castro S 114xW 25 HA 173. All work for one-story frame cottage.
Owner.....Jos. and Adèle Blattner.
Architect...None.
Contractor...New Era Bldg. Co., Inc., 3289 Mission, S. F.
Filed Oct. 30, '13. Dated Oct. 27, '13.

Rough frame up and roof sheathing on\$400
1st coat plaster on..... 400
Completed and accepted..... 400
Usual 35 days..... 400
TOTAL COST, \$1600

Bond, limit, forfeit, none. Plans and specifications filed.

(3975) N WILLARD AVE 50 W Ceres W 25; being Lot 34 Blk "G" Silver Terrace. All work for two-story and basement frame residence.
Owner.....Richard A. and Caroline E. Godfrey, 1639 Kirkwood Ave., San Francisco.

Architect...Plans by Contractor.
Contractor...Stevenson & Gowan, 112 Girard, San Francisco.
Filed Oct. 30, '13. Dated Oct. 29, '13.
Frame up\$500
Brown coated 500
Completed 500
Usual 35 days..... 300
Balance secured by mtge..... 200
TOTAL COST, \$2000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3976) S CALIFORNIA 32-6 E 24th Ave E 50xS 75. All work except plumbing for two one and one-half-story frame cottages.
Owner.....John Gray, 402 Broderick, San Francisco.

Architect...None.
Contractor...Thos. Hamill, 268 25th Ave., San Francisco.
Filed Oct. 30, '13. Dated Oct. 29, '13.
Frame up and roof on.....\$1100
Brown coated 1100
Completed and accepted..... 1100
Usual 35 days..... 1100
TOTAL COST, \$4400

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—One building is to be erected on S California 57-6 E 24th Ave.

(3977) S UNION 60 E Kearny E 21-10 xS 68-9. All work except grading, concrete, plumbing, painting, gas fixtures, shades and finish hardware for one three-story and one two-story and basement frame buildings.
Owner.....Lorenzo Lombardi, 423 Union, San Francisco.

Architect...L. Traverso, 854 Union, San Francisco.
Contractor...Farnocchia Petri & Co.
Filed Oct. 30, '13. Dated Oct. 29, '13.
Roofs on & buildings enclosed.....\$59.25
Brown coated 59.25
Completed and accepted..... 59.25
Usual 35 days..... 59.25
TOTAL COST, \$237.00

Bond, none. Limit, 90 days after Nov. 7. Forfeit, none. Plans and specifications filed

(3978) W TWENTY-FIFTH AVE 175 S California S 25xW 120. All work for one-story and basement frame bldg.
Owner.....John P. Herlthy.
Architect...W. D. Shea, 244 Kearny, San Francisco.
Contractor...Elmer J. Montgomery, 1318 Broadway, San Francisco.
Filed Oct. 30, '13. Dated Oct. 29, '13.

Rough frame up.....\$410
Brown coated 410
Hard finish on 411
Completed and accepted..... 411
Usual 35 days..... 548
TOTAL COST, \$2190

Bond, \$1095. Sureties, Chas. Schlesinger and Jno. H. Brickwedel. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

(3979) E TWENTY-FIRST AVE 250 N Anza N 25x E 120. All work for two-story frame building.
Owner.....Margaret Hamill, 268 25th Ave., San Francisco.

Architect...None.
Contractor...Thos. Hamill, 268 25th Ave. San Francisco.

Filed Oct. 30, '13. Dated Oct. 30, '13.
TOTAL COST, \$2800
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

(3980) EXPOSITION SITE. Constructing and installing sheet piling bulkhead.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...Healy Tibbitts Constr. Co., 9 Main, San Francisco.

Filed Oct. 30, '13. Dated Oct. 21, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1930

Bond, \$3000. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(3981) NW HARRISON AND 21ST. New front.

Owner.....Julia Holgersen, 2952 21st, San Francisco.

Architect...W. J. Holgersen, 2952 21st, San Francisco.
Contractor...H. A. Muller, 3112 22nd, San Francisco.

COST, \$400

(3982) NE FULTON AND PARKER Ave. One-story frame and galvanized iron boiler house.

Owner.....President and Board of Trustees of St. Ignatius College, Inc., 2211 Hayes, San Francisco.

Architect...Chas. J. Devlin, 737 Pacific Bldg., S. F.
Day's work. COST, \$400

(3983) NO. 2504 JACKSON. Alter and add to residence.

Owner.....Mrs. A. Garcean, Premises.
Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor, E. Rosenberg, 1845 Buchanan, San Francisco.
COST, \$400

(3984) NO. 1180 FILBERT. One-story brick and concrete private garage.

Owner.....J. B. Chichizola, Premises.
Architect...N. D. Shea, 244 Kearny, San Francisco.

Day's work. COST, \$400

(3985) NO. 326 SUTTER. Electric sign.

Owner.....Atlas Dining Room Co., 326 Sutter, San Francisco.
Architect...None.

Contractor...Moise-Klinkner Co., 1212 Market, San Francisco.
COST, \$400

(3986) NO. 2628 MISSION. Repairs to restaurant.

Owner.....A. Streng and H. W. Hage, Premises.
Architect...None.

Contractor...C. H. Walton, 2745 Mission, San Francisco.
COST, \$400

(3987) NW GROVE AND OCTAVIA.
New front.
Owner.....Arthur Werthel, 311 Holbrook Bldg., S. F.
Architect...None.
Contractor...Pierson & Lee, 434 Grove, San Francisco.

COST, \$400

(3988) E DIAMOND 51-6 S Duncan S 25x105. Alterations and additions to two-story frame building.
Owner.....Jas. D. and Annie T. Reid, 1515 Diamond, S. F.
Architect...None.
Contractor...Edwin Roller, 767 27th, San Francisco.

Filed Oct. 31, '13. Dated Oct. 28, '13.
Frame up\$275
Brown coated 300
Completed and accepted..... 200
Usual 35 days..... 300

TOTAL COST, \$1175

Bond, \$587.50. Sureties, Fred Dicken and Frank W. Mullen. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3989) BLK BDED BY LINCOLN WAY Irving, 26th and 27th Aves. Number of yards to moved being 37,820. Grading.

Owner.....Swayne & Hoyt, 430 Sansome, San Francisco.
Architect...None.
Contractor...Sunset Constr. Co., 62 Post San Francisco.

Filed Oct. 31, '13. Dated July 12, '13.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, 17c per cubic yd.

Bond, limit, forfeit, none. Plans and specifications none.

(3990) S PAGE 90 E Fillmore E 25xS 105. All work for three-story and basement frame (3 flats, garage and store rooms).

Owner.....William R. and Catherine M. Dillon, 768 Page, S. F.
Architect...None.
Contractor...A. Petry, 336 Pierce, S. F.

Filed Oct. 31, '13. Dated Oct. 30, '13.
Frame enclosed\$1000
Brown coated 2500
Completed 1750
Usual 35 days..... 1750

TOTAL COST, \$7000

Bond, \$3500. Sureties, H. A. Norman and Phillip Wesendunk. Limit, 90 days from recording. Forfeit, none. Plans and specifications filed.

(3991) W NINETEENTH AVE 50 S Anza. Two-story and basement frame residence.

Owner.....Nevada W. Meyers, 1960 Page, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.

COST, \$2000

(3992) W NINETEENTH AVE 75 S Anza. Two-story and basement frame residence.

Owner.....Nevada W. Meyers, 1960 Page, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.

COST, \$2000

(3993) W NINETEENTH AVE 25 S Anza. Two-story and basement frame residence.

Owner.....Nevada W. Meyers, 1960 Page, San Francisco.
Architect...None.

Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
COST, \$2000

(3994) E THIRTY-FIFTH AVE Lot "I" West Clay Park and Presidio. Three-story and basement and attic frame residence.

Owner.....S. A. Born Bldg. Co., 660 Market, San Francisco.
Architect...Edw. G. Bolles, 669 Market, San Francisco.

Day's work. COST, \$8000

(3995) E POLK 50 S Pine. Alter front and ratproof basement.

Owner.....L. B. Weller and Mrs. A. Beyer, 1420 Polk, S. F.
Architect...None.
Contractor...J. E. Dickleson, 1046 Hyde, San Francisco.

COST, \$450

(3996) W THIRTY-FIFTH AVE 300 N Taraval. One-story and basement frame residence.

Owner.....M. J. Henry, 347 Prospect Ave., San Francisco.
Architect...Croft's Bungalow Co., Seattle, Washington.

Day's work. COST, \$1000

(3997) S OCEAN AVE 25 E Otsego. Two-story and basement and attic frame dwelling.

Owner.....Domonic Tiscornia, 233 Delano, San Francisco
Architect...F. A. Hanson, 155 Delano, San Francisco.

Day's work. COST, \$1800

(3998) HERMAN AND OTIS. One-story frame store room.

Owner.....United Rail Roads, 58 Sutter, San Francisco.
Architect...W. B. Farlow, 58 Sutter, San Francisco.

Day's work. COST, \$700

(3999) NW ASHBURY 205 S Piedmont. Two-story and basement frame residence.

Owner.....Pope & Talbot Land Co., Ft. Third, San Francisco.
Architect...None.

Contractor...W. W. Rednall, 2500 Filbert
COST, \$5300

(4000) NW ASHBURY 242 S Piedmont. Two-story and basement frame residence.

Owner.....Pope & Talbot Land Co., Ft. Third, San Francisco.
Architect...None.

Contractor...W. W. Rednall, 2500 Filbert
COST, \$5300

(4001) N BRYANT 62 W Beale. One-story frame restaurant.

Owner.....Crist Kirstovich, 62 Townsend, San Francisco.
Architect...None.

Contractor...N. F. Nelson, 117 Laidley, San Francisco.
COST, \$1200

(4001) N BRYANT 40 W Beale. One-story frame saloon.

Owner.....Crist Kirstovich, 62 Townsend, San Francisco.
Architect...None.

Contractor...N. F. Nelson, 117 Laidley, San Francisco.
COST, \$1200

(4002) NW MADRID 200 SW France. One-story and basement frame dwlg.

Owner.....Ted Bergquist, 3931 21st, San Francisco.
Architect...None.

Day's work. COST, \$1200

(4003) NW MADRID 175 SW France. One-story and basement frame dwlg.

Owner.....Ted Bergquist, 3931 21st, San Francisco.
Architect...None.

Day's work. COST, \$1200

(4004) N SUTTER 107-6 E Leavenworth. Underpin wall.

Owner.....A. Roy Harrison, 847 Sutter San Francisco.
Architect...M. Matanovich, Hewes Bldg., San Francisco.

Contractor...Beach & Hefferman, Hewes Bldg., San Francisco.
SOCT, \$450

(4005) SE DIAMOND AND 24TH. One story frame store.

Owner.....Mr. Tracy, Premises.
Architect...None.
Contractor...Jas. McCarthy, 432 Eureka, San Francisco.

COST, \$1000

(4006) N SACRAMENTO 31-9 W Stelner W 29xN 103. All work for three-story and basement frame apartments.

Owner.....Morris & Mina Green, Sacramento & Stelner, S. F.
Architect...C. O. Clausen, Phelan Bldg., San Francisco.

Contractor...Ratto & Giannini, 232 Harford, San Francisco.

Filed Nov. 1, '13. Dated Oct. 28, '13.
Frame up\$2750
Brown coated 2750
Completed and accepted..... 2750

Usual 35 days..... 2750
TOTAL COST, \$11,000

Bond, \$5500. Sureties, H. Ratto and O. Giannini. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4007) S PACIFIC 45 E Buchanan S 127-8 1/2xW 45. All work except painting, papering, tinting and heating for alterations and additions, new reinforced garage, exterior plastering of house and new front for frame residence.

Owner.....Alice D. McAllister.
Architect...Welsh & Carey, Merchants National Bank Bldg., S. F.

Contractor...Henry Jacks, 180 Jessie, San Francisco.

Filed Nov. 1, '13. Dated Oct. 27, '13.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....\$1867.25

TOTAL COST, \$7469.00

Bond, \$3734.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, 70 days. Forfeit, \$10. Plans and specifications filed.

(4008) E HARRISON 50 S 18th S 75x E 124-3. All work for one-story warehouse.

Owner.....Oakland Brewing & Malt- ing Co., 26th & Chestnut, Oakland.

Architect...Henry C. Smith, 785 Market, San Francisco.

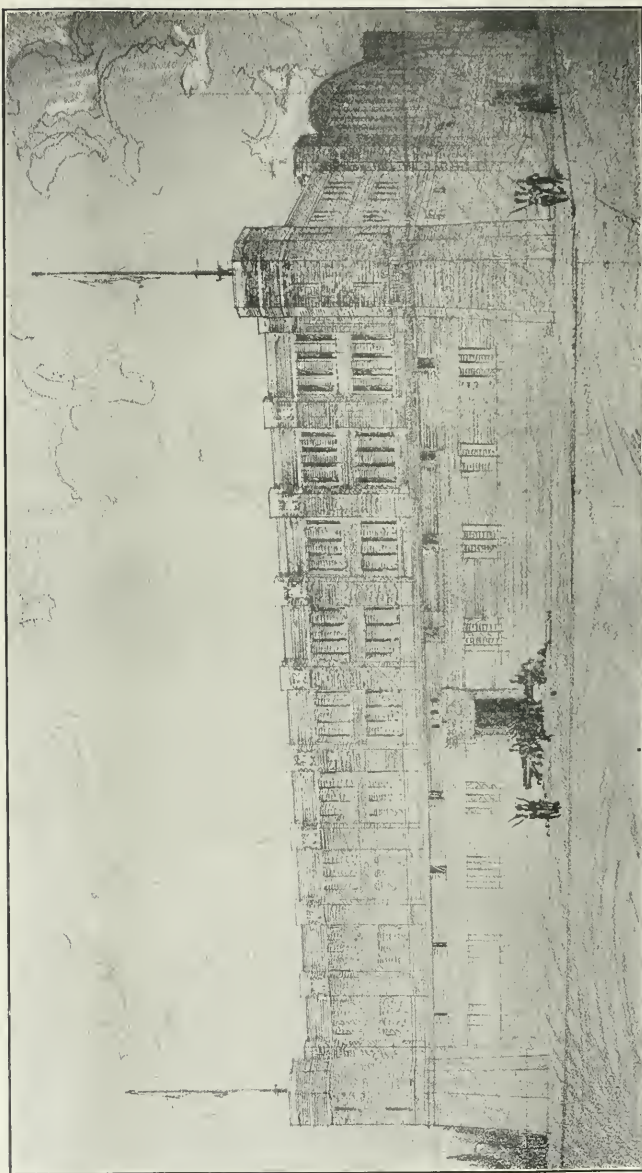
Contractor...Trevis & Pasqualetti, 400 Bay, San Francisco.

Filed Nov. 1, '13. Dated Oct. 30, '13.
Roof on\$1955
Concrete floors in..... 2000

Completed and accepted..... 1250
Usual 35 days..... 1750

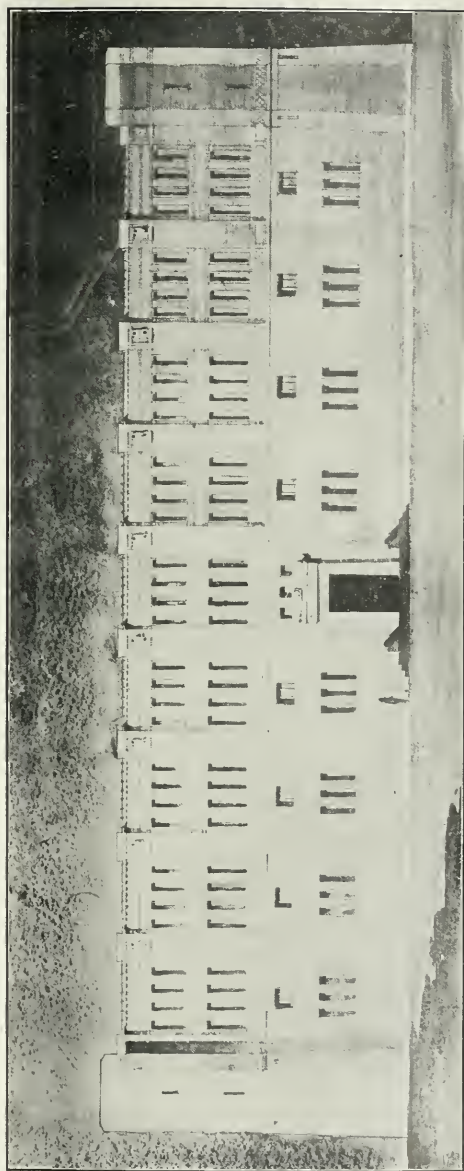
TOTAL COST, \$6955

Bond, \$4000. Surety, Angelo V. Gar-



PRINCIPAL ELEVATION NEW STATE ARMORY
San Francisco

State Department of Engineering, Architects
Sacramento



SIDE ELEVATION NEW STATE ARMORY
San Francisco

State Department of Engineering, Architects
Sacramento

rsino and Domenico Trevia. Limit, 40 days after Nov. 1. Forfeit, \$5. Plans and specifications filed.

BUILDING OPERATIONS FOR MONTH OF OCTOBER, 1913.

Building activities for the month of October, as reported by the Bureau of Public Works, show a total of 552 permits issued amounting to \$1,118,280. Complete report as follows:

Class	No. of Bldgs.	Amount
Class "A".....	2	\$ 187,350
Class "B".....	1	55,000
Class "C".....	14	253,083
Frames.....	177	527,887
Alterations.....	358	114,960

Total.....552 \$1,118,280

REPORT FOR OCTOBER, 1913.

Class	No. of Bldgs.	Amount
Class "A".....	1	\$ 60,000
Class "B".....	1	110,000
Class "C".....	25	642,292
Frames.....	218	747,582
Alterations.....	317	167,936

Total.....562 \$1,722,860

NOTICE OF NON-LIABILITY.

ct. 27, 1913—NE TENTH 100 SE Howard SE 125xNE 100. Margaret Lynch as to improvements on leased property.....

BUILDER'S BOND.

ct. 27, 1913—S WASHINGTON 98-9 W Front W 30xS 120. Bianchi Poultry & Produce Co with F Rolandi; Sureties, H J Perazzi and Arthur Granfield. Bond.....\$13,692

NOTICE OF NON-RESPONSIBILITY.

ct. 27, 1913—NW STOCKTON AND O'Farrell—137-6 N 137-6 E 137-6 S 127-6. Heyman Bros Co as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

ct. 30, 1913—E TWENTY-FOURTH Ave 150 S Anza S 25xE 120. Jacob Weissbein as to improvements on leased property.....

COMPLETION NOTICES.

San Francisco.

ct. 1, 1913—N JACKSON 68-6 E Larkin E 23xN 87-6. Geo F Welch to Chas J O Koenig.....Sept. 29, 1913
ct. 1, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Car Co of California by Clinton Fireproofing Co to Lyden & Bickel.....Sept. 24, 1913
ct. 1, 1913—SE POWELL AND O'Farrell. The Union League Club, Lessee to A C Wocker.....Oct. 1, 1913
ct. 1, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8 1/4. A B Spreckels to John G Sutton Co.....Sept. 29, 1913
ct. 1, 1913—E FORTY-SEVENTH Ave 7-0 S Balboa S 50xE 120. Eugene B Hallett to whom it may concern.....Sept. 30, 1913
ct. 1, 1913—E FORTY-SEVENTH Ave 310 S Balboa S 50xE 120. Eugene B Hallett to whom it may

concern.....Sept. 22, 1913
Oct. 1, 1913—NE VALLEJO & HYDE 24x60. William K Bush to E J Montgomery.....Sept. 18, 1913
Oct. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Thomas Elam & Son.....Sept. 30, 1913
Oct. 1, 1913—SW O'FARRELL AND Broderick S 74xW 35. E W and A M Bender to whom it may concern.....Oct. 1, 1913
Oct. 1, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange to Vulcan Iron Works. Sept. 29; J E O'Mara.....Sept. 29, 1913
Oct. 1, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. John A Lennon to Pacific Fire Extinguisher Co.....Sept. 27, 1913
Oct. 1, 1913—SE GOLDEN GATE AV and Laguna S 100xE 54 m or l. Jas F Coghlan vs Mrs Kate Besore, 2-5; Frank J Fallon, 1-5; Jas Fallon, 1-5; Eugene Fallon, 1-5. \$186.25
OCT. 3, 1913—S GREENWICH 150 W Larkin W 25xS 150. Mae Marino, Rinaldo J and Ida M Olivi to Ratto & Giannini.....Oct. 2, 1913
Oct. 3, 1913—E PUTNAM (Putnam Ave) 125 N Jarboe (Jefferson) Ave N 50xE 70 Lots 1094 and 1096 Gift Map S. Thos S Webb to T H Parry.....Sept. 27, 1913
Oct. 2, 1913—W NINTH AVE 100 S Irving W 73xN 66. Patrick Furlong to whom it may concern.....
Oct. 2, 1913—EDDY NO. 47, fronting on Eddy and Market. Leong Entow to Brandt & Stevens.....Oct. 1, 1913
Oct. 2, 1913—S EIGHTEENTH AND Collingwood. L A Gautier to E A F Carson.....Oct. 2, 1913
Oct. 2, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/2. Sierra Invest Co to F L Maino.....Oct. 2, 1913
Oct. 2, 1913—SW O'FARRELL AND Broderick 75xW 40. Frank Neldick vs Ada M Bender.....\$301
Oct. 2, 1913—NW THIRD & BRYANT N 80xW 115. Redwood Mfgs Co vs H D Matherly, John O'Kane, John Doe Ross and Josephine Hendrickson.....\$45.79
Oct. 4, 1913—N TWENTY-SEVENTH 80 E Noe E 26xN 114. Charles A and Martha Michelsen to whom it may concern.....Sept. 30, 1913
Oct. 4, 1913—E NINTH AVE 160 S Balboa 27-5x120. Christina Stewart Wells to whom it may concern.....Oct. 4, 1912
Oct. 4, 1913—NE BUSH & STOCKTON N 78xE 88-10. Harriet McCarthy to Fred C Jones.....Sept. 27, 1913
Oct. 4, 1913—S LAWTON 96 E 10th Ave S 100xE 24. A V or Andrew V Anderson.....Oct. 2, 1913
Oct. 4, 1913—NW FOLSOM 275 SW Third NW 155 SW 175 SE 75 NE 99-0 1/2 SE 80. Henry E Holmes to whom it may concern.....Oct. 4, 1913
Oct. 4, 1913—NW BUSH AND VAN Ness Ave N 60xW 100. Charles Brown & Sons (cpn) vs J P Sweeney, R J MacKenzie and Mary MacKenzie (wf).....\$132.90
Oct. 6, 1913—W PALM AVE 226-4 S Euclid Ave S 33-4xW 120. Chas F W Webber Jr to whom it may concern.....Completed—
Oct. 6, 1913—LOT 26 BLK "I" Mission Terrace Rubie Hanson and Bertha Koenigsthal to Frederick A Hanson.....Sept. 29, 1913
Oct. 6, 1913—SE TWENTY-SECOND & Eureka S 60xE 23-9. Hannah Howarth to Richard Fahy.....Aug. 4, 1913
Oct. 6, 1913—E LARKIN 87-6 N Broadway N 25xE 137-6. A D Van Dorn to W L Terry.....Oct. 1, 1913
Oct. 6, 1913—W ARKANSAS 175 N 20th N 25xW 100. Giuseppe Cavaglieri to whom it may concern.....Oct. 4, 1913
Oct. 6, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-8 1/4. The San Francisco Polyclinic & Post Graduate College to Frederick W Snook Co.....Oct. 2, 1913
Oct. 6, 1913—NE FOURTH AVE & Parnassus Ave N 70 E 57-6 S 53-3 m or l W 60 m or l. Augusta M Hewitt to whom it may concern.....Oct. 6, 1913
Oct. 6, 1913—NE TURK & FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Lyden & Bickel.....Sept. 29, 1913
Oct. 7, 1913—W FIFTEENTH AVE 100 N Judah N 25xW 127-6. T L McGovern vs Holger Nelson and A E Olson.....\$115
Oct. 7, 1913—SE ALMA & SHRADER W H Yates vs M F Cariss and W S King.....\$26.95
Oct. 7, 1913—N NINETEENTH 175 E Sanchez E 25xN 114. Eureka Sash Door & Moulding Mills, \$553.42; A Davis, \$273 vs Joseph and Linda E Herb and S Malmberg.....
Oct. 7, 1913—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training to H Maundrell.....Oct. 2, 1913
Oct. 7, 1913—E FOURTH AVE 210 N "C" 25x125. Jennie Frye to Leslie G Geary.....Oct. 6, 1913
Oct. 7, 1913—NW JACKSON AND Drumm N 60xW 60. Thos W Butcher to Bradley & O'Reilly and George Goodman Artificial Stone Co.....Oct. 6, 1913
Oct. 7, 1913—E SECOND AVE 250 N Anza N 25xE 120. Chas S Boyen to whom it may concern.....Oct. 2, 1913
Oct. 7, 1913—N PAGE 30 W Webster W 30xS 100. Rousseau Realty Co to whom it may concern.....Oct. 6, 1913
Oct. 7, 1913—NE TURK & FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Pacific Fire Extinguisher Co.....Sept. 29, 1913
Oct. 7, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-8 1/4. The San Francisco Polyclinic and Post Graduate College cpn to The Turner Co.....Oct. 2, 1913
Oct. 7, 1913—E FIFTEENTH AVE 125 N California 25x127-6. O E Anderson to whom it may concern.....Oct. 6, 1913
Oct. 7, 1913—N NINETEENTH 175 E Sanelaz E 25xN 114. Chas J Powers vs J Herb & S Malmberg.....\$145.40
Oct. 8, 1913—SW O'FARRELL AND Jones W 49-6 S 68-9 W 22 S 22 E 71-6 N 90-9. A E Hornlein vs J M Kane and W J Yore.....\$439.69
Oct. 8, 1913—E LYON 99 S Union St 25x8 10 m or l. Mary S Newmeyer to J A Hill.....Sept. 24, 1913
Oct. 8, 1913—W SECOND AVE 135 S Irving S 25xW 120. W J and Mary K Wagner to Ed Zinkand & Son.....Sept. 29, 1913

Oct. 8, 1913—NE TURK AND FILLMORE N 275x E 130. Realty & Rebuilding Co by MacDonald & Kahn to Western Furnace and Cornice Co.Sept. 29, 1913

Oct. 8, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8 1/4. A B Spreckels to The McGilvray Stone Co.Aug. 11, 1913

Oct. 8, 1913—NE TURK AND FILLMORE N 275x E 130. Realty & Rebuilding Co by MacDonald & Kahn to Pacific Mfg Co.Oct. 8, 1913

Oct. 8, 1913—N IRVING 32-6 W 9th Ave W 25xN 69. John Meierdierks to Mager Bros.Completed

Oct. 8, 1913—SW MARKET AND FOURTH. Judah Boas to Ira W Coburn Inc.Oct. 7, 1913

Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Healy Tibbitts Construction Co.Sept. 27, 1913

Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Healy Tibbitts Construction Co.Oct. 4, 1913

Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Pringle-Dunn & Co

Oct. 8, 1913—S PACIFIC AVE 155 E Webster E 30xS 117; No. 2221 Pacific Ave. Judah Boas to Ira W Coburn Inc.Oct. 7, 1913

Oct. 9, 1913—E RAMONA AVE 205 N 15th N 25x E 75. Sallie Clot to DucasseOct. 7, 1913

Oct. 9, 1913—SW SANCHEZ AND Elizabeth 25 on Sanchez x 101-9 on Elizabeth. Martha Anderson to A W Burnett & Co.Oct. 8, 1913

Oct. 9, 1913—NW VAN NESS AVE & Post N 120xW 159-9. Hecht Invest Co to Lindgren Co.Oct. 4, 1913

Oct. 9, 1913—W STANFORD 106-3 S Brennan W 80-1 1/2xS 100. Crane Co to E M Huie & Co.Sept. 8, 1913

Oct. 9, 1913—N SACAMORE AVE 230 W Mission W 25xN 100. Mary E Soto to Gustave Anderson.Sept. 30, 1913

Oct. 9, 1913—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Estate Co to Western Iron Wks.Oct. 6, 1913

Oct. 9, 1913—W DOLORES 53 S 21st W 35xS 25. C T O'Leary to N A Carlson.Oct. 8, 1913

Oct. 10, 1913—N TWENTY-NINTH 105 W Castro W 25xN 114. Arthur T Jansson to whom it may concern.Oct. 10, 1913

Oct. 10, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley and H P Stoltenberg to Bishop & Duarte.Oct. 9, 1913

Oct. 10, 1913—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to The McGilvray Stone Co.Oct. 13; Campbell Bros.Oct. 3, 1913

Oct. 10, 1913—LOT 9 BLK "B" Mission Street Land Co. Homestead Land Co to William H Grahn.Oct. 8, 1913

Oct. 10, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/2. Sierra Inv Co to P J Lynch.Oct. 10, 1913

Oct. 10, 1913—NW THIRD AND Townsend N 33xW 57-6. John A and D Williamson to Ira W Coburn Inc.Oct. 8, 1913

Oct. 10, 1913—N FULTON 137-6 E Gough E 98-9xN 120. Augusta E Bergson to Stockholm & Allyn.Oct. 10, 1913

Oct. 11, 1913—LOT 586 Gift Map No. 1 W G McDiarmid to whom it may concern.Oct. 8, 1913

Oct. 11, 1913—S VANDEWATER

91-3 E Mason 22x60. Luigi Merlio to B Pagano.Oct. 11, 1913

Oct. 11, 1913—NW MCKINNON AVE and Newhall N 100xW 50. J M Cervieres to J M Burns.Oct. 2, 1913

Oct. 11, 1913—N PFEIFFER 67-6 W Grant Ave W 27-6 N 52-6 E 5 N 2-6 E 22-6 S 55. G Cosce to Devencenzi Bros & Co.Oct. 10, 1913

Oct. 11, 1913—E FIFTH 221-7 N Parnassus Ave. C A Hall to whom it may concern.Oct. 11, 1913

Oct. 11, 1913—S VALLEY 205 E Castro E 25xS 114. Charles and Sadie McArthur to whom it may concern.Oct. 4, 1913

Oct. 11, 1913—EDDY NOS. 40 AND 42. M Lager to Wm C Lynch.Oct. 11, 1913

Oct. 14, 1913—SE SANCHEZ AND 24th S 90 E 25 N 90 — 25. Peter Gumm to A E Olson.Oct. 14, 1913

Oct. 14, 1913—N SEVENTEENTH 100 W Howard W 25x100. John and Daniel Lagan to W M Foley.Oct. 14, 1913

Oct. 14, 1913—E MISSISSIPPI 50 S 18th S 25x E 100. Otto and Ella R Scharter to E A Janssen.Oct. 11, 1913

Oct. 14, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to W P Fuller & Co.Oct. 11; Thos Day Co.Oct. 11, 1913

Oct. 14, 1913—E TWELFTH AVE 75 S Anza S 25x E 100. Alfred T Morris to whom it may concern.Oct. 10, 1913

Oct. 14, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Co by Clinton Fireproofing Co of California to North Star Iron Works.Oct. 10, 1913

Oct. 14, 1913—E TAYLOR 91-8 N Sutter 22-11xS7-6. Herman D or H D Hogrefe to whom it may concern.Oct. 10, 1913

Oct. 14, 1913—N BUSH 137-6 E Dupont N 115 W 27-6 N 22-6 E 27-6 N 70 E 58-9 S 70 E 20 S 137-6 W 78-9. Macdonough Estate Co to Mealey & Collins.Oct. 10, 1913

Oct. 14, 1913—S GREENWICH 100 E Hyde S 68-9x E 37-6. Laura B Powers to Holm & Son.Oct. 9, 1913

Oct. 14, 1913—N TWENTIETH, bet Connecticut and Missouri 25 W Missouri frontage of lot. Amanda E Thiff to J S Malloch.Oct. 10, 1913

Oct. 14, 1913—S BUSH 165 W Polk W 27-6xS 120. F W Noltemeier to William Martin.Oct. 14, 1913

Oct. 15, 1913—E CURTISS Lot 40 Blk 5, Crocker Amazon Tract. Veronica M Brown and Meta Mahan to Oliver Evans.Sept. 25, 1913

Oct. 15, 1913—E TWENTY-THIRD AVE 200 S Clement S 25x E 120. T Anderson to whom it may concern.Oct. 15, 1913

Oct. 15, 1913—E FORTY-FIRST AVE 148-8 N Balboa N 25x E 120. Frank E Winters to Geo F Cleese.Oct. 9, 1913

Oct. 15, 1913—S GENEVA AVE 50 77 E Madrid E 25xS 100. Wallace J Peebles to Gus Anderson.Oct. 7, 1913

Oct. 15, 1913—NW BALBOA AND 43rd Ave N 100xW 60. Oscar Heyman & Bro to W H Upham.Oct. 9, 1913

Oct. 15, 1913—LOT 28 BLK 4 Crocker Amazon Tract. Arthur G Duncan to L L Allen.Oct. 15, 1913

Oct. 16, 1913—SE CALIFORNIA & Leidesdorff fronting N on California and at rear 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to W D Henderson.Oct. 15, 1913

Oct. 16, 1913—N PINE 57-8 W Stockton W 20 N 59-6 E 17-6 S 19-6 E 2-6 S 40. John and Sara Rice Birmingham to Arthur D Collman.Oct. 16, 1913

Oct. 16, 1913—N TWENTY-THIRD 26-9 W Diamond 23x85. Margaret B and Paul Semmig to Charles F Weldon.Oct. 15, 1913

Oct. 15, 1913—CARL NO. 172 on N line bet Cole and Stanyan. William Sargent to J J Murray.Oct. 14, 1913

Oct. 16, 1913—W Willard 75 S Turk S 25xW 96-5. Mr and Mrs S or Carrie Goldsmith to W F Duffer.Oct. 7, 1913

Oct. 17, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 51-4 1/4 W 60 th 18-10 1/4. W F Wilson Est Co to Fibrestone & Roofing Co.Oct. 16, 1913

Oct. 17, 1913—N GEARY 90 W Jordan Ave N 100xW 30. Frank Pegel to whom it may concern.Oct. 2, 1913

Oct. 17, 1913—SE EDDY & FILLMORE S 275x E 130. Realty & Rebuilding Co to MacDonald & Kahn.Oct. 17, 1913

Oct. 18, 1913—W FOURTH AVE 75 N Kirkham N 25xW 95. T F McDermott and Sarah G McDermott to R Keller.Oct. 16, 1913

Oct. 18, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley and H P Stoltenberg to Hicks & Folte.Oct. 10, 1913

Oct. 20, 1913—S BROADWAY 149-6 W Taylor W 18-9xS 60. Lillian Palmer and Emily E Williams to J H Malloch.Oct. 18, 1913

Oct. 20, 1913—E EIGHTH 165 S Howard 30x137-6. A Hinkelmann to O W Britt.Oct. 17, 1913

Oct. 20, 1913—SE CALIFORNIA & Gough E 72-6xS 109. Sylvain Schnaittacher to A H Wilhelm.Oct. 11, 1913

Oct. 20, 1913—SE EDDY & FILLMORE S 275x E 130. Macdonald & Kahn to whom it may concern.Oct. 17, 1913

Oct. 20, 1913—E TWENTY-FIRST AVE 225 N Anza N 25x E 120. Margaret Hamill to Thos Hamill.Oct. 16, 1913

Oct. 20, 1913—W FOLSOM 460 N Stoneman N 25xW 80. Giuseppe Pedrone to Francesco Bonaccorso.Oct. 20, 1913

Oct. 20, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley and H P Stoltenberg to McCabe & Brown.Oct. 17, 1913

Oct. 20, 1913—N NINETEENTH 150 E Sanchez 25x114. Louis J Henriouille to S Malmberg.July 2, 1913

Oct. 20, 1913—W ARLINGTON 225 S Mateo 25x100. John Halvorsen to John P Dybdal.Oct. 18, 1913

Oct. 21, 1913—NW JACKSON AND Drumm N 60 S 60 W 60 E 60. Thos W Butcher to Cronan Cornice Wks.Oct. 21, 1913

Oct. 21, 1913—E NINTH AVE 275 N "D" N 75x E 120. Daniel S McCarthy to whom it may concern.Oct. 21, 1913

Oct. 21, 1913—NW POST AND SCOTT N 165 W 132-6 S 55 E 55 S 110 E 197-6. Mount Zion Hospital to Simonds Machinery Co.Oct. 17, 1913

Oct. 21, 1913—E BANKS 175 N Eugenia Ave 25 on Banks x 70. Bernardino Barbero to whom it may concern.Oct. 20, 1913

Oct. 21, 1913—W NINTH 200 S Market S 25xW 80. Catherine Degan to F G Denke.Oct. 16, 1913

Oct. 21, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley

and H P Stoltenberg to Geo Haub
Oct. 21, 1913—N BROADWAY bet
Baker and Broderick. Albert L
Ehrman to Frank M Garden & Co
Oct. 21, 1913—S BELVEDERE &
Grattan. Ernestine V Scheid to
Otto Carson & Co.....Oct. 20, 1913
Oct. 21, 1913—S FELL 134 W Polk W
31 S 135-2 1/4 to a pt on NW Market
NE 38-2 1/4 N 112-10 1/2. P J Mc-
Govern to Arthur Elvin.....Oct. 18, 1913
Oct. 21, 1913—SE SIXTH & MINNA
E 100 S 75 W 25 N 50 W 75 N 25
E 100 W Blk 38. Lange Invest Co to
J J Connolly & Son.....Oct. 14, 1913
Oct. 21, 1913—N BROADWAY 47-7 W
Grant Ave W 21-2xN 48-6. Prosper
Bacigalupi to G Caranza and A
Curran.....Oct. 20, 2013
Oct. 22, 1913—E STOCKTON 50 S
Sutter E 80 S 40-8 1/2 — 80 N 40-8 1/2
Sierra Invest Co to John G Sutton.....
Oct. 22, 1913—E CHURCH 51 N 27th
N 25xE 95. Otto A Busse to Einar
Peterson.....Oct. 22, 1913
Oct. 22, 1913—NE SEVENTEENTH &
Hampshire E 200xN 133-4. Lux
School of Industrial Training to
Joseph Musto Sons-Keenan Co.....
Oct. 20, 1913
Oct. 22, 1913—E STOCKTON 50 S
Sutter E 80 S 40-8 1/2 — 80 N 40-8 1/2
Sierra Invest Co to Van Emon Elev
Co.....Oct. 22, 1913
Oct. 23, 1913—S MISSION 146-6 W
10th W 102-10 S 80 W 27-4 S 80 E
130-2 N 160. Gantner & Mattern
Co to Lindgren Co (2 completion
notices filed).....Oct. 18, 1913
Oct. 23, 1913—LOTS 9 AND 10 BLK
25 Reis Tract. John E Lindberg to
A H Wheeler.....Oct. 8, 1913
Oct. 23, 1913—N OAK 157-6 W Van
Ness Ave W 89-9 N 120 E 65-9 S 40
E 21 S 80. The Young Men's In-
stitute Hall Ass'n to The Daniel
O'Day Co.....Oct. 15, 1913
Oct. 23, 1913—N PAGE 165 W Frank-
lin W 54-6xN 120. Druids Hall
Society to F J Klenck. Oct. 22, 1913
Oct. 23, 1913—E EIGHTEENTH AVE
125 N Clement. John Donahue to
Jeremiah Scanlon.....Aug. 28, 1913
Oct. 23, 1913—E FORTIETH AVE
100 S "I" S 25xE 100. Gustav and
Eva Thielke to C Wengard.....
Oct. 23, 1913
Oct. 24, 1913—W WINFIELD (Chapu-
itepec) 50 S Esmeralda Ave S 25x
W 70; Lot 292 Gift Map No. 3.
Mary Chesney to A W Burnett.....
Oct. 23, 1913
Oct. 24, 1913—N BUSH 121-4 1/2 W Polk
W 56-7 1/2xN 120. L A Myers to O
W Britt and B C Van Emon.....
Oct. 23, 1913
Oct. 27, 1913—NE SEVENTEENTH &
Hampshire E 200xN 133-4. Lux
School of Industrial Training to D
B Farquaharson.....Oct. 22, 1913
Oct. 27, 1913—W FIFTEENTH AVE
200 N Irving N 50xW 127-6. Sunset
Home Realty Co to Cox Bros.....
Oct. 27, 1913
Oct. 27, 1913—NE EIGHTEENTH &
Mississippi 25x100. Jos and Lilah
Cole to H H Bergfeld.....Oct. 20, 1913
Oct. 27, 1913—S EIGHTEENTH 110
E Dolores — 28 S 112 W S 45 W
20 N 157. Theresa D Murphy to
Frank Ennis and John H McGivern
.....Oct. 18, 1913
Oct. 27, 1913—LOT 35 BLK 12,
Crocker Amazon Tract. Clarence

D Biever to whom it may concern
.....Aug. 1, 1917
Oct. 27, 1913—NW TAYLOR & COSMIC
Place (Lewis Place) N 28-9xW 50.
Josephine Winterburn to Continen-
tal Fireproofing Co.....Oct. 20, 1913
Oct. 28, 1913—S SUTTER 76 W Hyde
40-6x100. Alicia B Wood to P J
Lynch.....Oct. 27, 1913
Oct. 28, 1913—S SUTTER 25 W Larkin
W 40xS 120. Florence Ward to J D
Hannah.....Oct. 22, 1913
Oct. 28, 1913—TWENTY-SECOND NO.
3191. Geo B Heart to Peter Megas
.....Oct. 25, 1913
Oct. 28, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra In-
vestment Co to C J Hillard Co, Oct.
27, '13; W P Fuller Co., Oct. 27, 1913
Oct. 23, 1913—LOT 645 Gift Map No.
3. Johann Knudsen to whom it
may concern.....Oct. 22, 1913
Oct. 28, 1913—N MISSION AND NEW
Montgomery NW 160-1 1/4 NE 133
SE 160 SW 142-10 1/4. Central Bldg
Co to Raiston Iron Wks., Oct. 21, 1913
Oct. 28, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Invest
Co to Ideal Cornice Co., Oct. 27, 1913
Oct. 28, 1913—E TWELFTH AVE 50
N Anza 25xS2-6. Geo E or G E and
Mary A Mitchell to Max Hantzsch
and Fred McKay.....Oct. 23, 1913
Oct. 28, 1913—NW VAN NESS AVE &
Post N 120xW 159-9. The Hecht
Invest Co to John G Sutton Co, Fish-
er & Wolfe Co and J St. Denis & Co
.....Oct. 18, 1913
Oct. 28, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Clark &
Dickson.....Oct. 10, 1913
Oct. 29, 1913—SE CALIFORNIA AND
Leidesdorff fronts N on California
and at the rear end 107-6 and ex-
tending on E and W sides 137-6.
The Insurance Exchange Inc to The
Turner Co.....Oct. 20, 1913
Oct. 29, 1913—N RIPLEY 225 E Fol-
som E 25xN 100. Giuseppe Cav-
aglieri to whom it may concern.....
Oct. 17, 1913
Oct. 29, 1913—E SANCHEZ 400 E
30th S 25x125. Chas Anderson to C
Anderson.....Oct. 18, 1913
Oct. 29, 1913—E TWELFTH AVE 125
S "C" (Cabrillo) S 25xE 120. Wil-
liam G and Louise Gertrude Kaiser
to Leonard Youngferdort., Oct. 4, '13
Oct. 29, 1913—S DAY 305 W Noe W 25
xS 114. Julia C Schmidt to Louis
J Roberts and John B Woolfrey....
Oct. 29, 1913
Oct. 29, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Invest
Co to H D Samuel Co.....Oct. 27, 1913
Oct. 27, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Invest
Co to Wm G Gilmour.....Oct. 27, 1913
Oct. 30, 1913—FOUNTAIN AT EN-
trance of center lines of St. Francis
Boulevard and Santa Barbara Ave.,
St. Francis Wood. West Gate Park
Co to Gass Bros Co.....Oct. 22, 1913
Oct. 30, 1913—S BUSH 57-2 E Larkin
27-3 1/2x92-11. The Kincanon Con-
struction Co to whom it may concern
.....Oct. 30, 1913
Oct. 30, 1913—E STOCKTON 50 S Sutter
E 80xS 40-8 1/2. Sierra Inv Co to
Roberts Mfg Co.....Oct. 30, 1913
Oct. 30, 1913—S BRUCE 50 E Harold
Ave. Joseph Brayshaw to V M
Trace.....Oct. 29, 1913
Oct. 30, 1913—EXPOSITION SITE,
Panama-Pacific International Ex-
position Co to Monson Bros, Oct.
29; John Monk.....Oct. 29, 1913

Oct. 30, 1913—NW JUDAH & 26TH AV
W 32-6xN 100. Sol Getz & Son to
whom it may concern.....Oct. 5, 1913
Oct. 30, 1913—SW CALIFORNIA AND
Leidesdorff. The Insurance Ex-
change to The Dow Pump & Diesel
Engine Co.....Oct. 22, 1913
Oct. 31, 1913—W NOE 64 N Day N 50
xW 80. Edw Connors to Jno P
Cuneo.....Oct. 31, 1913
Oct. 31, 1913—E DOLORES 219-6 S
22nd S 25x137-6. Jas E and Elsie
M Farnham to whom it may concern
.....Oct. 29, 1913
Oct. 31, 1913—S SACRAMENTO 112-6
W Walnut W 25xS 100. Catherine
B Lippincott to J M Ploeger.....
Oct. 31, 1913
Oct. 31, 1913—N BROADWAY 68-9 W
Webster W 148-9xN 375. James L
Flood to C C Morehouse., Oct. 21, 1913
Oct. 31, 1913—W NINETEENTH AVE
225 N Balboa 25x120. James W
Hansen to whom it may concern....
Oct. 30, 1913
Oct. 31, 1913—LOTS 13 AND 34 BLK
1 Heyman Tract No. 2. George Ty-
minski to John Rodomistken.....
Oct. 30, 1913

LIENS FILED

SAN FRANCISCO COUNTY.

Oct. 23, 1913—NW VAN NESS AVE
and Bush N 60xW 100. Macdonald
& Applegarth vs R T and May Mac-
Kenzie and James P Sweeney. \$6000
Oct. 24, 1913—W FIFTEENTH AVE
250 N Anza N 36xW 120. J M
Enyeart vs D C Robinson.....\$183.84
Oct. 25, 1913—N NINETEENTH 175 E
Sanchez E 25xN 114. Hart-Wood
Lumber Co vs Joseph and Linda E
Herb and S Mainberg.....\$334.31
Oct. 28, 1913—NW BUSH AND VAN
Ness Ave N 60xW 100. Mels M
Alling and Herman Hallensieben
(as Monarch Iron Works) vs J P
Sweeney, R J and Mary MacKenzie
.....\$78.35
Oct. 28, 1913—NW BUSH & TAYLOR
N 137-6xW 137-6. John E Beck vs
Jones & Lubbe and E F Burns. \$3625
Oct. 27, 1913—E SIXTH AVE 250 S
Balboa S 25xE 120. Alfred Goddard
as Balboa Hardware Store vs Emma
Fry and W P Garfield.....\$78.25
Oct. 28, 1913—SW CHESTNUT AND
Fillmore E 40xW 80. Julius Hey-
man Co vs Vergilio & Bellante and
California Steel Monolithic Co. \$506.76
Oct. 29, 1913—E FORTY-SEVENTH
Ave 260 S Balboa S 100xE 120.
Isona Mfg Co vs E B Hallett and
J W Schouten & Co.....\$1408.05
Oct. 29, 1913—E FORTY-SEVENTH
Ave 260 S Balboa (B) S 100xE 120.
O F Williams & Co (co-partnership
consisting of Oscar F Williams
and Mark Eudey) vs Eugene B
Hallett and J W Schouten & Co....
.....\$299.85
Oct. 29, 1913—E FORTY-SEVENTH
Ave 260 S Balboa S 100xE 120. W
P Fuller & Co, \$152.22; James
Johnston, \$399 vs E B Hallett....
Oct. 29, 1913—NE CALIFORNIA AND
22nd Ave E 35xN 100. W J Kiefer
and F L Nicholson (as American
Electrical Eng Co) vs G Giuliani, V
Palisi & Fraumeni and Steur &
Bury\$53
Oct. 30, 1913—E FORTY-SEVENTH
Ave 260 S Balboa S 100xE 120. J H
Kruse vs E B Hallett.....\$120
Oct. 30, 1913—E FORTY-SEVENTH

Ave 260 S Balboa S 25xE 120. J W Schouten & Co vs Eugene B Hallett\$617.82
 Oct. 30, 1913—E FORTY-SEVENTH
 Ave 310 S Balboa S 25xE 120. J W Schouten & Co vs Eugene B Hallett\$617.82
 Oct. 30, 1913—E FORTY-SEVENTH
 Ave 335 S Balboa S 25xE 120. J W Schouten & Co vs Eugene B Hallett\$617.82
 Oct. 30, 1913—W KANSAS 200 m or 1 S 19th S 25xW 100. L Di Grazia and Alfred Berni vs P Molinari and Giuseppe Cavaglieri\$320
 Oct. 30, 1913—E FORTY-SEVENTH
 Ave 285 S Balboa S 25xE 120. J W Schouten & Co vs Eugene B Hallett\$617.82
 Oct. 31, 1913—E FORTY-SEVENTH
 Ave 260 S Balboa S 19xE 120. P Messner vs Eugene B Hallett.....\$297
 Oct. 31, 1913—W SEVENTH AVE 125 N Irving N 25xW 120. J H Kruse vs E B Hallett.....\$699.80
 Oct. 31, 1913—E FORTY-SEVENTH
 Ave 310 S Balboa S 50x120. Mangrum & Otter vs E B Hallett.....\$56.80

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. F. Evelath. The dwelling will be erected on Russell street near Piedmont avenue and has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, Cost not stated. Oakland, Cal. Architect, none. Owner, H. M. Swalley, 545 Grant avenue, Oakland. The dwelling has been designed for a nine room house with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Mitchell. The house has been designed for a seven room dwelling and will be erected on Elvarado Road. Interior will be finished largely in pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and figures will be called for shortly.

BUNGALOW — 1½ story and base, frame. Cost not stated. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mr. Grove. This dwelling, designed for a six room house, will be erected in one of the new residence tracts in Oakland. Interior finish will be of pine throughout. Some hardwood floors will be used. Elm panels will be used in the dining room. There will be furnace heat and open fire place. Mantel will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$7,000. Piedmont, Alameda Co., Cal. Architect, Joseph T. Carter, Balboa Bldg., S. P. Owner, George Wallace. The dwelling will be erected in Piedmont and will contain eight rooms, baths and sleeping porch. Interior will be handsomely finished in pine and hardwood. Hardwood floors will be used throughout except in the bath room which will have a composition floor. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,500. Oakland, Cal. Architects, Hutchinson Bros, 470 13th street, Oakland. Owner's name withheld. The dwelling will be erected in the Piedmont by the Lake tract and will contain six rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Principal rooms will have hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and will shortly be out for figures.

APARTMENT HOUSE — 3 story and base, frame, \$20,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Dr. Crawfish. This building is to be erected at the corner of Prince and Ellsworth streets covering a considerable area. Interior has been arranged for 12 suites with connecting baths and wall beds. Interior finish will be of pine and redwood. A central heating system, hot and cold running water and a vacuum cleaning plant will be installed. Bath rooms will have composition floors and tile wainscot. Tile and marble will be used in the entrance vestibule. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared for the work.

GARAGE AND SALES ROOM — 1 story and base, brick and steel. Cost not stated. Oakland, Cal. Architects, Rousseau & Rousseau, Monadnock Bldg., S. P. Owner's name withheld. This building has been mentioned here before when plans were first started. Working drawings have been completed and figures are being taken. The structure will be erected at the corner of Broadway and Brook street and will have foundations and exterior walls heavy enough to carry an additional

story. Interior will be finished in pine and hardwood. Tile and marble wainscoting and base will also be used. A tile floor will be laid. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick.

BUNGALOW — 1½ story and base, frame, \$3,000. Piedmont, Alameda Co., Cal. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The bungalow will contain six rooms, bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Asbestos roofing is specified. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. J. Pfrrang, 5459 Shafter avenue, Oakland. The house has been designed for a six room dwelling and will be erected on Joseph street west of Monterey. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile or brick. Tile wainscoting will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

RESIDENCE — 2 story and base, frame, \$4,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Leon M. Gove. The house, which has been designed for a seven room dwelling with bath and sleeping porch, will be erected at the corner of Walker avenue and Boulevard Way. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and large open fire place. Mantel will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

AMUSEMENT PARK AND BATHS — Concrete and frame construction, \$200,000. Alameda, Alameda Co., Cal. Architect, A. L. Mazurette, Bacon Bldg., Oakland. Owners, The Alameda Baths, Casino and Swimming Co. These buildings are to be erected at the southwestern end of the city and include a large casino, power house, bath houses and swimming pool. Special mechanical equipment will be used in the power house including a hot water heating system. Interior of the casino and bath houses will be finished in pine and redwood. There will be structural steel, reinforced concrete work and a large amount of marble and tile used. Exteriors of the buildings will be cov-

ered with cement plaster on metal lath. Plans are being prepared and bids will be called for as soon as working drawings can be completed.

PLATS—2 story and base, frame, \$1,000. Oakland, Cal. Architects, Hutchinson Bros 470 13th street, Oakland. Owner's name withheld. The building will contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Bath rooms will have tile wainscot and composition floors. A large open fire place will be used in each of the living rooms. Mantels will be of tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

ARMORY—2 story and base, brick and steel, \$11,000. Oakland, Cal. Architects, Oliver and Thomas, Pantages Theatre Bldg., Oakland. Owner, Charles S. Booth. The building will be erected on 24th street between Telegraph and Grove street. First floor will be arranged for stores and the upper floor for large drill hall and club rooms. Interior finish will be of pine and redwood. A maple floor will be used in the drill hall. Metal window sash and frames are specified. There will be a central heating system and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

AUTOMOBILE SALES ROOMS ALTERATIONS—Cost not stated. Oakland, Cal. Architect, Chester H. Miller, Foxcroft Bldg., S. E. Owner, Roy E. Fish. The present building on Broadway will undergo extensive repairs. Included in the work will be new interior finish, pine, hardwood and tile electric work, plumbing, painting and plastering. Cement floor will be laid. Exterior of the building will also undergo alteration. Plans are being prepared and figures will shortly be taken.

3219	Teyes	.....Teyes	550
3220	G W Brewery	.....Bruecker	400
3221	Ghignoni	.....Burnett	5500
3222	Vollheim	.....Higgins	3171
3224	McGuinness	.....Owner	2500
3225	McCracken	.....McChesney	3550
3226	Pallen	.....Pallen	2500
3227	Hutchinson	.....Manseau	1900
3228	Nowak	.....Hagert	400
3230	Oakland Hotel	.....Neal	4100
3234	Beckwith	.....Okd Bldg	1200
3235	Mulvihill	.....Mulvihill	2200
3236	Grove	.....Grove	4000
3237	Field	.....Elliott	800
3238	McDowell	.....McDowell	400
3239	Torrano	.....Lukes	400
3242	Batdorf	.....Batdorf	600
3243	Torsellens	.....Peterson	1800
3244	Baumgartner	.....Knowles	1500
3246	Kummer	.....Kummer	4000
3247	United Hm Bldrs.	.....Owner	2550

(3172) NO. 3320 FOOTHILL BLVD., Oakland. Alterations.
Owner.....A. H. Fitch, Santa Cruz.
Architect.....None.
Contractor.....O. W. Britt, 330 Ivy, S. F.
COST, \$500

(3173) NO. 738 SIXTH, Oakland Stable.
Owner.....L. E. Brown, Premises.
Architect.....None.
Contractor.....K. Rulenstein.
COST, \$400

(3174) NO. 1202 E-TWENTY-FIRST, Oakland. Alter and repair.
Owner.....W. R. Plunkett, 2129 E-25th, Oakland.
Architect.....None.
Contractor.....A. E. Fake, 1552 10th Ave., Oakland.
COST, \$500

(3175) N RICH 100 W Webster, Oakland. Alterations and additions.
Owner.....J. E. Appling, Premises.
Architect.....None.
Contractor.....Leo L. Nichols, MacDonough Bldg., Oakland.
COST, \$1500

(3176) NO. 1808 SAN PABLO AVE., Oakland. Alterations and repairs.
Owner.....J. O. F. Smith, 618 18th, Oakland.
Architect.....None.
Contractor.....Fred Kley.
COST, \$400

(3177) NO. 682 THIRTY-THIRD, Oakland. Alterations and repairs.
Owner.....T. T. Lee, Premises.
Architect.....None.
Contractor.....A. Massie, 678 33rd, Okd.
COST, \$400

(3178) NO. 1273 EIGHTY-SECOND Ave., Oakland. Two-story addition.
Owner.....John Hamilton, Premises.
Architect.....None.
Contractor.....M. C. Kaler, 1514 92nd Ave., Oakland.
COST, \$550

(3179) W MONTGOMERY 200 S John, Oakland. One-story 5-room dwelling
Owner.....Sanford Burnham.
Architect.....A. J. Yerrick, Blake Bldg., Oakland.
Day's work. COST, \$1800

(3180) E BENVENUE AVE 125 N Alcatraz Ave., Oakland. One-story six-room dwelling.
Owner.....B. C. Reed, 5121 Manila Ave., Oakland.
Architect.....None.
Contractor.....W. A. Farris, 16 Monte Vista Ave., Oakland.
COST, \$3500

(3181) W BROADWAY 70 N Kales Ave., Oakland. One-story 5-room dwelling.
Owner.....John Altucker, Oakland.
Architect.....None.
Contractor.....G. K. Tufts, 2746 Hillegass Ave., Oakland.
COST, \$2200

(3182) NO. 260 TWENTY-EIGHTH, Oakland. Alterations and additions.
Owner.....H. Kareweske, Premises.
Architect.....None.
Contractor.....Sommarstrom Bros., 202 E-12th, Oakland.
COST, \$1000

(3185) NO. 3737 THIRTY-NINTH AVE 39th Ave 430 NE Hopkins 50x205, Oakland. All work for one-story 4-room dwelling.
Owner.....Anna and Joseph Cottrell, 1122 Ellis, San Francisco.
Architect.....W. H. Judson, Albany Bldg., Oakland.
Contractor.....Home Buyers Syndicate, Albany Block, Oakland.
Filed Oct. 27, '13. Dated Sept. 25, '13.
Executing this agreement, 2nd mortgage Deed of Trust for ...\$200
Rough frame up.....100
Plumbing and electric wiring in place.....300
Accepted.....300
Usual 35 days.....300
TOTAL COST, \$1200
Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(3186) NE THIRTY-FIFTH AND POA, Oakland. One-story 4-room dwlg.
Owner.....Calentino Mazzanti.
Architect.....None.
Contractor.....D. A. McKay, San Lorenzo.
COST, \$1500

(3187) S FORTY-THIRD 160 E Grove, Oakland. One-story 5-room dwlg.
Owner.....Alfred Olson, 1116 Myrtle, Oakland.
Architect.....None.
Day's work. COST, \$1600

(3188) S NAVY AVE 123 E Broadway, Oakland. One-story 5-room dwlg.
Owner.....Mrs. W. J. Casselman, 2003 Filbert, Oakland.
Architect.....None.
Contractor.....R. Macdonald, 3338 14th, Oakland.
COST, \$2000

(3189) NOS. 467-71 THIRTEENTH, Oakland. Alterations.
Owner.....Kahn Bros.
Architect.....None.
Contractor.....F. J. Wilson, 96 Frisbee, Oakland.
COST, \$1500

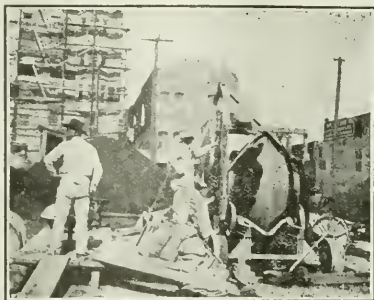
(3190) NO. 1116 BROADWAY, Oakland Alterations.
Owner.....J. O. Meads, Premises.
Architect.....Wm. Wilde, Albany Bldg., Oakland.
Contractor.....W. W. Kern, 1355 Regant, Alameda.
COST, \$800

(3191) W SIXTY-FOURTH AVE 300 N E-14th, Oakland. One-story 5-room dwelling.
Owner.....J. R. Freeman, 1109 Oak, Oakland.
Architect.....None.
Day's work. COST, \$1800

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Val.
3172	Fitch	.....Britt	600
3173	Brown	.....Rubenstein	400
3174	Plunkett	.....Fake	500
3175	Appling	.....Nichols	1500
3176	Smith	.....Kley	400
3177	Lee	.....Massie	400
3178	Hamilton	.....Kaler	550
3179	Burnham	.....Burnham	1800
3180	Reed	.....Farris	350
3181	Altucker	.....Tufts	2200
3182	Kareweske	.....Sommarstrom	1000
3185	Cottrell	.....Home Buyers	1200
3186	Mazzanti	.....McKay	1500
3187	Olson	.....Olson	1600
3188	Sasselman	.....Macdonald	2000
3189	Kahn	.....Wilson	1500
3190	Meads	.....Kern	500
3191	Freeman	.....Freeman	1800
3192	Myers	.....Birdsell	900
3193	Ilsen	.....Whidden	3760
3195	Ross	.....Maxwell	500
3196	Waterman	.....Burkes	400
3197	Sandkuhle	.....Owner	500
3198	Ferish Milk	.....Williams	450
3200	Jersey	.....Knight	400
3201	Davis	.....Brewin	700
3205	Hanchumacher	.....Stiles	800
3206	Oakland	.....Owsley	166310
3207	Un Elec	.....Johnson	800
3208	Lubetch	.....St. Mary	1600
3209	Rowe	.....MacGregor	1000
3210	Hargrave	.....Bullock	1900
3211	Fenn	.....Penn	2900
3212	Fenn	.....Penn	2000
3213	Coit	.....Coit	2000
3214	Fake	.....Fake	1800
3215	Pryal	.....Bullock	3200
3216	BruguiereSpencer	6758
3217	SomeLass	6828
3218	SameReinhart	5250

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(3192) E WALNUT 250 N 94th Ave.,
Oakland. One-story 4-room dwlg.
Owner.....H. Myers, 9331 Walnut,
Oakland.

Architect...None.
Contractor...A. H. Birdsall, 2642 94th
Ave., Oakland.

COST, \$500

(3193) LOT 17 BLK 4 Map Highland
Sbdvn Adams Point Ppty; NE Palm
Ave 118.50 N Perkins 45x130, Oak-
land. All work for two-story dwlg.
Owner.....F. G. Ilsen, 1218 Grove,
Oakland.

Architect...Julia Morgan, Merchants'
Exchange Bldg., S. F.
Contractor...G. R. Whidden, 505 Chicago
Ave., Oakland.

Filed Oct. 28, '13. Dated Oct. 28, '13.
Frame up and boarded, chimneys
up and rough plumbing in..... 1/4
1st coat plaster on interior and
exterior 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$3760

Fond. \$1880. Surety, Maryland Casualty
Co. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

(3195) NO. 4026 PIEDMONT AVE.,
Oakland. Two-story store room and
sleeping porch.

Owner.....Adelle H. Ross, Premises
Architect...None.
Contractor...F. E. Maxwell, 4632 Pied-
mont Ave., Oakland.

COST, \$500

(3196) NO. 2514 TENTH AVE., Oak-
land. Repairs

Owner.....E. A. Waterman, 2503 10th
Ave., Oakland.

Architect...None.

Contractor.....Burkes.

COST, \$400

(3197) NO. 86 GLEN AVE., Oakland.
Addition.

Owner.....H. J. Sandkuhle, Premises.
Architect...None.

Contractor...E. D. Sandkuhle, 1846 38th
Ave., Oakland.

COST, \$500

(3198) NO. 679 THIRTY-SEVENTH,
Oakland. Alterations.

Owner.....Jersey Milk, Cream and
Butter Co., Premises.

Architect...None.

Contractor...F. J. Williams.

COST, \$450

(3200) NO. 2846 BROADWAY, Oak-
land. Alterations.

Owner.....R. Fish, Premises.

Architect...None.

Contractor...H. C. Knight, 1725 Broad-
way, Oakland.

COST, \$400

(3201) NO. 1315 CAMPBELL, Oakland
Alter barn to dwelling.

Owner.....John S. Davis, Premises.

Architect...None.

Contractor...P. Brewin, 1473 7th, Old

COST, \$700

(3205) W THIRTY-FIFTH AVE 250 S
E-17th, Oakland. One-story 4-room
dwelling.

Owner.....Jno. Handschumacher, 1607
35th Ave., Oakland.

Architect...None.

Contractor...E. C. Sydes.

COST, \$500

(3206) E WEST, bet. 28th and 29th,
Oakland. Two-story Class "A"
school building (Durant School.)

Owner.....City of Oakland.

Architect...John J. Donovan, Security
Bank Bldg., Oakland.

Contractor...B. T. Owsley, Sharon Bldg
San Francisco.

COST, \$166,310

(3207) NO. 3304 TELEGRAPH AVE.,
Oakland. Additions.

Owner.....United Elc. & Vehicle Co.,
Premises.

Architect...None.

Contractor...Ben O. Johnson, 2014 E-
30th, Oakland.

COST, \$300

(3208) E EIGHTY-SIXTH AVE 200 N
E-14th, Oakland. One-story 5-room
dwelling.

Owner.....Lawrence Lubetch, 1449
86th Ave., Oakland.

Architect...None.

Contractor...Joe St. Mary, 2237 Grove,
Oakland.

COST, \$1600

(3209) NO. 175 KEMPTON AVE., Oak-
land. Alterations, additions and re-
pairs.

Owner.....Mrs. Chas. H. Rowe, 421
Fairmont Ave., Oakland.

Architect...None.

Contractor...C. M. MacGregor, 470 13th,
Oakland.

COST, \$1900

(3210) E MANILA AVE 150 S 51st,
Oakland. One-story 6-room dwlg.

Owner.....Mr. Hargrave, 16th and
Broadway, Oakland.

Architect...None.

Contractor...O. M. Bullock, 1706 8th
Ave., Oakland.

COST, \$1900

(3211) S BOULEVARD 400 E Cole,
Oakland. Two-story 6-room dwlg.

Owner.....Theo. Fenn, 749 61st, Okd.
Architect...None.

Day's work.

COST, \$2900

(3212) N FIFTY-SECOND 180 W Shat-
tuck Ave., Oakland. One-story five-
room dwelling.

Owner.....C. B. Coit, 1522 Broad-
way, Oakland.

Architect...Alvin J. Stern, 1522 Broad-
way, Oakland.

Contractor...Roger Coit, 1522 Broadway
Oakland.

COST, \$2000

(3213) N FIFTY-SECOND 150 W Shat-
tuck Ave., Oakland. One-story five-
room dwelling.

Owner.....C. B. Coit, 1522 Broadway,
Oakland.

Architect...Alvin J. Stern, 1522 Broad-
way, Oakland.

Contractor...Roger Coit, 1522 Broadway,
Oakland.

COST, \$2000

(3214) E TWENTY-FIFTH AVE 200 S
Boulevard, Oakland. One-story six-
room dwelling.

Owner.....W. H. Fake, 2247 E-19th,
Oakland.

Architect...None.

Day's work.

COST, \$1800

(3215) NO. 101 FIFTY-NINTH, Oak-
land. Two-story 7-room dwelling.

Owner.....Wm. Pryal, Premises.
Architect...None.

Contractor...O. M. Bullock, 1706 8th Ave., Oakland.
COST, \$3300

(3216) NW TWELFTH AND GROVE 50x112, Oakland. Brick work for 6-story & basement steel frame apartment house.

Owner.....The Bruguere Co.
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor...J. P. Spencer, Oakland.
Filed Oct. 29, '13. Dated Oct. 24, '13.
Brick work to 2nd floor level...\$ 758
Brick work to 3rd floor level... 850
Brick work to 4th floor level... 850
Brick work to 5th floor level... 850
Brick work to 6th floor level... 850
Completed and accepted... 900
Usual 35 days... 1700
TOTAL COST, \$6758

Bond, \$5500. Surety, Pacific Coast Casualty Co. Limit, 45 days. Forfeit, \$1. Plans and specifications filed.

(3217) PLUMBING AND GAS FITTING on above.

Contractor...Henry F. Lass, 1915 48th Ave., Oakland.
Filed Oct. 29, '13. Dated Oct. 18, '13.
Roughing in of basement and 1st floor completed...\$ 500
Roughing in and 2nd floor completed... 744
Roughing in and 3rd and 4th floors completed... 744
Roughing in and 5th and 6th floors completed... 744
Finish plumbing completed on 5th and 6th floors... 744
Finish plumbing completed on 4th and 3rd floors... 744
Completed and accepted... 976
Usual 35 days... 1742
TOTAL COST, \$6938

Bond, \$3504. Sureties, F. B. and H. S. Walker. Limit, 30 days. Forfeit, \$5. Bonus, \$5. Plans and specifications filed.

(3218) MILL WORK ON ABOVE.

Contractor...Reinhart Lumber & Planing Mill Co., 15th and Kansas, San Francisco.

Filed Oct. 29, '13. Dated Oct. 16, '13.
Window frames delivered on grounds except store fronts...\$ 700
Jamb and trim delivered... 1125
Doors delivered... 1125
Completed and accepted... 950
Usual 35 days... 1350
TOTAL COST, \$3250

Bond, \$2626. Sureties, R. J. Dieden, C. C. Parrish and F. J. Finney. Limit, 1st delivery within 15 days after being notified. Forfeit, none. Plans and specifications filed.

(3219) S FOURTH 900 E Jones Ave., Oakland. One-story 4-room dwlg.

Owner.....J. T. Teves, 1329 36th Ave., Oakland.
Architect...None.
Day's work. COST, \$550

(3220) SW SEVENTH & KIRKHAM, Oakland. Alterations.

Owner.....Golden West Brewery, Premises.
Architect...None.
Contractor...J. H. Breucker, Cor. 14th Ave. and E-12th, Oakland.
COST, \$100

(3221) PT. 357-2 N FROM FOREST running W from College Ave 120 NE

50 E 100 S 50 to pt of beg. Oakland. All work for two-story store and flat building (3 stores and 2 5-room flats)
Owner.....F. Ghighoni, 5629 College Ave., Oakland.
Architect...None.

Contractor...Chas. H. Burnett, 865 32nd, Oakland.
Filed Oct. 29, '13. Dated Oct. 18, '13.
Frame up... 1 1/2
Rough plaster on interior... 1 1/2
Completed and accepted... 1 1/2
Usual 35 days... 1 1/2
TOTAL COST, \$5500

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.
NOTE:—Property is situated W College Ave. bet Shafter and Forest.

(3222) PT. 52.75 FROM COR. SW line Greenbank and SW line Lake Ave SW 91 NW 39.52 NE 101 SE 40, Piedmont. All work for two-story 7-room dwelling and garage.

Owner.....Paula Vollheim, Oakland.
Architect...Dixon & Newsom, 1844 5th Ave., Oakland.
Contractor...W. H. Higgins, 2477 34th Ave., Oakland.
Filed Oct. 29, '13. Dated Oct. 28, '13.
Roof rafters in place... 1 1/2
1st coat interior and exterior plaster on... 1 1/2
Completed and accepted... 1 1/2
Usual 35 days... 1 1/2
TOTAL COST, \$3171

Bond, \$1600. Sureties, W. H. and Mary C. Higgins. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(3224) S E-SEVENTEENTH 132 W 57th Ave., Oakland. One-story 6-room dwelling.

Owner.....Jas. McGuinness, 5615 E-16th, Oakland.
Architect...None.
Day's work. COST, \$2500

(3225) N ARIMO AVE 500 E Walla Vista Ave., Oakland. Two-story 7-room dwelling.

Owner.....Dr. W. J. McCrackin, 1347 Broadway, Oakland.
Architect...None.
Contractor...W. E. McChesney, 2605 Etna, Oakland.
COST, \$3950

(3226) S GLENDALE AVE 120 E Manila, Oakland. One-story 5-room dwelling.

Owner.....A. H. Pullen, 686 61st, Okd.
Architect...None.
Day's work. COST, \$2500

(3227) NO. 2731 TWENTY-FIRST AVE Oakland. Alterations.

Owner.....E. C. Hutchinson, Premises
Architect...None.
Contractor...J. J. Manseau, 1949 E-27th, Oakland.
COST, \$1900

(3228) NO. 862 WILLOW, Oakland. Alterations.

Owner.....Mrs. Nowak, Premises.
Architect...None.
Contractor...A. Haggert, 1759 8th, Okd.
COST, \$400

(3230) BOUNDED BY 13TH, 14TH, Harrison and Alice, Oakland. Painting for 6th, 7th and 8th stories of 8-story Class "A" hotel.

Owner.....Oakland Hotel Co., P. J. Walker Co., Agents, Monadnock Bldg., S. F.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor...L. J. Neal, 461 Hayes, S. F.
Filed Oct. 29, '13. Dated Oct. 29, '13.
On 1st and 15th of each month... 75%
Usual 35 days... 25%
TOTAL COST, \$4100
Bond, \$2050. Surety, Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3234) W ANITA AVE 240 N Railroad Ave., Oakland. One-story 4-room dwelling.

Owner.....Matilda Beckwith, Cor. Wentworth & Fairfax Ave., Oakland.
Architect...None.
Contractor...Oakland Bldg. & Invst. Co., Bacon Bldg., Oakland.
COST, \$1200

(3235) S FIFTY-FIRST 145 E Shafter Ave., Oakland. One-story 5-room dwelling.

Owner.....M. J. Mulvihill, 518 53rd, Oakland.
Architect...None.
Day's work. COST, \$2200

(3236) SW WALKER AVE & BOULEVARD Way, Oakland. Two-story 9-room dwelling.

Owner.....Leon M. Grove, 1206 Broadway, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Day's work. COST, \$4000

(3237) E MILLS AVE 80 S Fortune Way, Oakland. One-story 4-room dwelling.

Owner.....E. A. Field, 1139 5th Ave., Oakland.
Architect...None.
Contractor...Clayton & Elliott, 1139 5th Ave., Oakland.
COST, \$500

(3238) NO. 9272 "D," Oakland. Addition.

Owner.....J. E. McDowell, Premises.
Architect...None.
Day's work. COST, \$400

(3239) NO. 719 FIFTH, Oakland. Alterations.

Owner.....F. Torrono, Premises.
Architect...None.
Contractor...Thiele & Lutes, 547 Filbert, Oakland.
COST, \$400

(3242) W THIRTY-EIGHTH AVE 300 N Carrington, Oakland. One-story 4-room dwelling.

Owner.....E. C. Batdorf, 1736 Milvia, Berkeley.
Architect...None.
Contractor...F. W. Batdorf, 1736 Milvia, Berkeley.
COST, \$600

(3243) NW TRASK AND BEST AVE., Oakland. One-story 5-room dwlg.

Owner.....J. Torseliens, 1519 15th, Oakland.
Architect...None.
Contractor...T. S. Peterson, 2028 Dwight Way, Oakland.
COST, \$1800

(3244) NO. 280 LENOX AVE., Oakland. Alterations.

Owner.....A. C. Baumgartner, Prem.
Architect...None.

Contractor...Wm. Knowles, Central Bk Bldg., Oakland.

COST, \$1500

(3246) N MONTE 180 — Moraga, Piedmont. Two-story residence.

Owner.....Clara A. Kummer, Piedmont.

Architect...Wm. Knowles, 425 Central Bk Bldg., Oakland.

Day's work COST, \$4000

(3247) S GREENBANK 132 E Rose, Piedmont. Bungalow.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.

Day's work COST, \$2550

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
3183	Diggs	Diggs	4000
3184	Kerulff	Diggs	3000
3194	Silveira	Schmitz	550
3199	Wiampelmier	Owner	400
3204	Larson	Larson	800
3223	Brown	Bischoff	3500
3229	Wood	Nelson	10000
3231	United Hm Bldrs.	Owner	1800
3232	Same	Same	1600
3233	Pinkerton	Pinkerton	1800
3240	Pfarrang	Pfarrang	3000
3241	Catholic Archb.	Ehret	2000
3245	Bkly Elks	Sorensen	66967

(313) N ASHBY AVE 170 W Claremont Ave., Berkeley. Two-story 8-room dwelling.

Owner.....Marshall Diggs, 2444 Bo-witch, Berkeley.

Architect...Maury Diggs, 2444 Bo-witch, Berkeley.

Day's work COST, \$4000

(3184) N AVALON 300 W Claremont Blvd., Berkeley. Alterations and additions.

Owner.....G. D. Kerulff, 2928 Derby, Berkeley.

Architect...W. H. Ratcliff Jr., 1st National Bk. Bldg., Berkeley.

Contractor...Junk-Riddell Invst. Co., 2217 Telegraph Ave., Bkly.

COST, \$3000

(3191) W SEVENTH 125 S Channing Way, Berkeley. One-story 4-room dwelling.

Owner.....J. V. Silveira, 2329 7th, Berkeley.

Architect...None.

Contractor...H. J. Schmitz, 2440 4th, Berkeley.

COST, \$550

(3199) NW DURANT AND PIEDMONT Ave., Berkeley. Alterations.

Owner.....T. J. Wiampelmier, 2324 Piedmont Ave., Berkeley.

Architect...None.

Day's work COST, \$400

(3204) W ROOSEVELT 283 N Bancroft, Berkeley. One-story one-room bakery.

Owner.....A. Larson, 2224 Roosevelt Ave., Berkeley.

Architect...None.

Contractor...S. Larson, 2224 Roosevelt Ave., Berkeley.

COST, \$800

(3223) N WOOLSEY 96 W Regent, Berkeley. One and one-half-story 8-room dwelling.

Owner.....Ella B. Brown.

Architect...None.

Contractor...John A. Bischoff, 551 Crofton Ave., Oakland.

COST, \$3500

(3229) SE HILLEGASS AND RUSSELLA, Berkeley. Two-story 12-room apartment house.

Owner.....J. H. Wood, 2228 Durant, Berkeley.

Architect...J. W. Plachek, 1424 Spring, Berkeley.

Contractor...H. P. Nelson, 2241 Grove, Berkeley.

COST, \$10,000

(3231) E LEE 51 S Ashby, Berkeley. One-story 5-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.

Day's work COST, \$1800

(3232) E LEE 451 S Ashby Ave., Berkeley. One-story 4-room dwlg.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.

Day's work COST, \$1600

(3233) E SPAULDING 154 N Channing, Berkeley. One-story 5-room dwelling.

Owner.....J. A. Pinkerton, 1931 Berryman, Berkeley.

Architect...None.

Day's work COST, \$1800

(3240) N JOSEPH 100 W Monterey, Berkeley. Two-story 6-room dwlg.

Owner.....C. J. Pfarrang, 5459 Shafter Ave., Oakland.

Architect...None.

Day's work COST, \$3000

(3241) BLK 6 McGEE TRACT, Berkeley. Plumbing, sewerage and tinning for three-story and basement convent.

Owner.....Roman Catholic Archbishop of San Francisco.

Architect...John J. Foley, 46 Kearny, San Francisco.

General Contractor...Kidder & McCullough, 2075 Addison, Bkly.

Sub-Contractor...Eugene Ehret, 2043 University Ave., Berkeley.

Filed Oct. 30, '13. Dated Oct. 29, '13.

On 10th of each month..... 75%

Completion and acceptance of building 25%

TOTAL COST, \$2000

Bond, none. Limit, 100 days after Oct. 1. Forfeit, none. Plans and specifications, none.

(3245) S COR. ALLSTON WAY AND Harold Way 100x110, Berkeley. All work except painting for three-story and basement Class "C" lodge bldg.

Owner.....Berkeley Elks' Hall Ass'n.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...Walter Sorensen, 3219 Ellis, Berkeley.

Filed Nov. 1, 13. Dated Oct. 31, '13.

Excavation completed and concrete poured to 1st floor level. \$ 5000

Frame completed to 2nd floor level and concrete poured to 2nd floor level 5000

Frame completed to 3d floor level and concrete poured to 3d floor level 5000

All concrete poured, steel work and frame work completed.... 7500
Roof on, interior brown coated 7500
Finish coat plaster on interior 2500
Exterior plaster completed.... 5000
Completed and accepted..... 12732
Usual 35 days..... 16742
TOTAL COST, \$66,967
Bond, \$33,483.50. Surety, Maryland Casualty Co. Limit, 150 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
3202	Lundholm	Lundholm	1975
3203	Martin	Lick	500

(3202) NO. 1449 PAGE, Alameda. One-story dwelling.

Owner.....John M. Lundholm, 1717 Wood, Alameda.

Architect...None.

Day's work COST, \$1975

(3203) NO. 918 SANTA CLARA AVE., Alameda. One-story 3-room dwlg.

Owner.....H. C. Martin, Premises.

Architect...None.

Contractor...Peter Lick, 1021 Lincoln Ave., Alameda.

COST, \$500

NOTICE OF NON-RESPONSIBILITY.

Oct. 31, 1913—E BROADWAY 75 S 29th S 50 SE 172 N 60 W 52.86 N 4 W 100, Okd. F W Wheeler as to improvements on leased property...

NOTICE OF NON-RESPONSIBILITY.

Oct. 28, 1913—LOT 2 BLK 20 and Lot 11 Blk 18 Map Northbrae, Bkly. J H Spring as to improvements on leased property
Oct. 28, 1913—LOTS 22 AND 23 BLK 1 Map Solano Ave Terrace, Alameda Regents Park Land Co as to improvements on leased property....

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED

Oct. 14, 1913—NW TWENTY-FIRST and Telegraph Ave N 100 W 158-11 7-16 S 100 th along N In 21st 160 to beg, Okd. Young Mens' Christian Association to Yager Sheet Metal Co.....Oct. 3, 1913

Oct. 11, 1913—LOT 32 Map No. 2 Blk "J" Vernon Park Tract, Temescal, Okd. Mary G Ryan to B R DexterOct. 10, 1913

Oct. 17, 1913—LOTS 41 AND 42 BLK 3 Map Regents Park No. 6, Oakland Tp. County Line Land Co as to improvements on leased property
Map Huntington Tract, Okd. J S Ramos to whom it may concern.....

Oct. 15, 1913—LOTS 4 & 5 Map Ellsworth Trct, Bkly. Alameda County Home Investment Co to F E NelsonOct. 6, 1913

Oct. 15, 1913—S NINETEENTH 100 E Broadway E 50xS 100, Okd. F T McHenry to McCreary & SampsonOct. 15, 1913

Oct. 15, 1913—LOT 4 Map Walker & Bradhoff Tract, Okd. Mrs George

E Wilkinson to E T Leiter & Sons
Oct. 15, 1913—LOT 12 BLK "A" Map
Hemphill Tract, Brooklyn Tp. Chas
W Rudy to C B Stanley...Oct. 11, 1913
Oct. 16, 1913—N FORTY-FIRST
E Telegraph Ave E 40xN 88.95, Okd.
William English to John Bernhardt
Oct. 17, 1913—Oct. 16, 1913
Oct. 17, 1913—S FIFTY-SIXTH 116.82
W Park W 25xS 91, Okd. David
Robert Berry\$2600
Oct. 18, 1913—LOT 9 BLK 2 Map
Claremont, Bkly. Hattie M Turton
(w/ F R).....\$7500
Oct. 17, 1913—NW TWENTY-FIRST
& Telegraph Av N 100 W 155-11 7-16
S 100 th along N in 21st 160 to beg.
Okd. The Young Men's Christian
Association to Yager Sheet Metal
Co.....Oct. 3, 1913
Oct. 17, 1913—NW GREENWOOD
Ave NE Fleet NW 34.66 NE 61 SE
to pt distant 64 NE from pt beg
SW 64, Okd. B Axel Ovlen to John
Vaughn.....Oct. 16, 1913
Oct. 18, 1913—LOT 6 BLK 24 Map
Lakeside Tract Adams Point Pkty.
Okd. C H Redington to G R Whid-
den.....Oct. 18, 1913
Oct. 18, 1913—LOT 25 BLK 3 Map
Thousand Oaks, Bkly. George
Friend to Spring Constr Co.....
Oct. 14, 1913
Oct. 18, 1913—BOUNDED ON W by
Webster, S by N in Oakland Har-
bor, E by water slip bunkers and
land Bay Development Co, on N by
alley known as Heinholz Ave, Okd.
Webster St. Wharf Co to San Fran-
cisco Bridge Co.....Sept. 25, 1913
Oct. 20, 1913—W TELEGRAPH AVE
100 S 16th S 130 NW 103.95 SW
102.44 N 130 NE 90 NW 5.72 NE
112.89 SE 74 SW 100, Okd. Kahn
Realty Co to W P Fuller & Co.....
Oct. 20, 1913
Oct. 20, 1913—LOT 13 BLK "A" Map
Hemphill Tract, Okd. Chas W
Rudy to C B Stanley...Oct. 17, 1913
Oct. 21, 1913—NW TWENTY-FIRST
and Telegraph Ave N 100 W 155-11
7-16 S 100 th along N in 21st 160 to
beg, Okd. Young Men's Christian
Ass'n to J C Peterson, Oct. 17, '13;
C Christensen.....Oct. 17, 1913
Oct. 21, 1913—LOT 41 Map North
Christiania Tract, Albany. Patrick
Nelson Bldg Co to whom it may
concern.....Oct. 17, 1913
Oct. 21, 1913—LOTS 13, 14 AND 15
Blk "R" Knowles-Posser Shv'n of
Kennedy Tract, Brooklyn Tp. Ideal
Laundry Co to W G Thornalley.....
Oct. 21, 1913
Oct. 21, 1913—W PTN LOT 29 Map
Potts Tract, Okd. Margaret A
Powers to John Laamanen.....
Completed—
Oct. 21, 1913—LOT 19 BLK 2 Hotel
Claremont Tract, Bkly. Otto Mail-
anen, Paul Gustafsen and August
Laine to whom it may concern.....
Oct. 15, 1913
Oct. 23, 1913—NW BROADWAY &
N 26th W 153.63 W 232.20 E 199.94 S
52.13 SW 187, Okd. The First Pres-
byterian Church of Oakland to
Sartorius Co, Oct. 17, '13; W W
Tucker Co, Oct. 10, '13; Thomas
Day Co.....Oct. 15, 1913
Oct. 23, 1913—NE THIRTEENTH &
Webster E 100xN 50, Okd. H A
Powell to Judson Mfg Co.....
Oct. 26, 1913
Oct. 23, 1913—PTN 10 ACRE TRACT
conveyed by Executors Estate of
Faxon D Atherton to Ferdinand

and Celia Laura Klee, deed dated
June 17, 1881, recorded Lillre 221
of Deeds Page 169, Hayward. Hay-
ward School District to E Anderson
.....Sept. 25, 1913
Oct. 24, 1913—N LINDA AVE 103 E
Piedmont Ave E 41.5xN 125, Oak-
land Tp. Ellen B Connahan to
Charles M McGregor.....
Oct. 24, 1913—SE LAWTON AVE
403.75 NE Clifton th along Lawton
40xSE 100, Okd. Andrew Nelson to
whom it may concern.....Oct. 20, 1913
Oct. 24, 1913—LOT 35 BLK 14 Regents
Park No. 4 SE Cor. Stannage Ave
and Dartmouth, Albany. Berkeley
Bldg & Mortgage Co to F R Peake
Co.....Oct. 22, 1913
Oct. 24, 1913—LOTS 1 AND 2 BLK 3
Thousand Oaks, Bkly. Elinor Har-
rell Kennedy to Arthur T Riggs.....
Oct. 14, 1913
Oct. 25, 1913—LOTS 13 & 15 Amended
Map Woodlawn, Okd. J F Krull to
E W LarmerOct. 23, 1913
Oct. 25, 1913—LOT 1 BLK "B" North-
brae Business Ppty, Bkly. F R
Peake Co to whom it may concern
.....Oct. 24, 1913
Oct. 27, 1913—E VERSAILLES AVE
203.77 N San Jose Ave N 27.5xNE 100,
Ala. Marie L Murray to Aitchison
& Sons.....Oct. 27, 1913
Oct. 27, 1913—PTN LOT 13 University
Terrace, Bkly. W S Runde to
Sullivan Bros.....Oct. 23, 1912
Oct. 29, 1913—SE WARWICK AVE
51.20 NE Perkins NE 35xSE130,
Okd. Elizabeth Loughery to whom
it may concern.....Oct. 24, 1913
Oct. 29, 1913—W WINSOR AVE 120 S
Girard Ave Lot 31 Blk "D" Pied-
mont Knoll, Piedmont. Mollie E
Connors to John M Bartlett.....
Oct. 30, 1913
Oct. 29, 1913—S LA Verna AVE 330
W 55th Ave Lot 15 Blk "B" Central
Terrace Tract, Okd. May H Drake
to C O Bradhoff.....Oct. 7, 1913
Oct. 29, 1913—LOT 79 Map A J Snyders
Piedmont Terrace-by-the-Lake, Okd
C H Chase to Junk-Riddell Invest
CoOct. 18, 1913
Oct. 30, 1913—E COLLEGE AVE 100
S Channing Way, Bkly. Alameda
County Home Invest Co to George
StoddardOct. 28, 1913
Oct. 30, 1913—SW E-SEVENTEENTH
and 57th Ave; No. 5633 E-17th, Okd.
James McGuinness to whom it may
concern.....Oct. 30, 1913
Oct. 31, 1913—LOT 14 Blk 5 Map
Northbrae, Bkly. Interurban Home
Builders to whom it may concern
.....Oct. 27, 1913
Oct. 31, 1913—NW TWENTY-FIRST
and Telegraph N 100 W 155-11 7-16
S 100 th along N 21st 160 to beg.
Okd. The Young Men's Christian
Ass'n of Oakland to H S Tittle,
Robert Dalziel Jr, Frederick W
Snook & Co.....Oct. 27, 1913
Oct. 31, 1913—W PTN LOT 17 BLK "I"
Map Northbrae Terrace, Berkeley.
Patrick-Nelson Bldg Co to whom it
may concern.....Oct. 25, 1913
398.95 W Telegraph Ave W 40xS
1.3, (Okd. W J Ridney (Oakland
Mintel Co) vs J C Peterson, Laura
Peterson, B B Wickersham...\$175.95
Oct. 11, 1913—S DWIGHT WAY 120
E Ellsworth E 60.5xS 134.5, Bkly.
E H Bellows (Pacific Wall Bed Co)
vs Estate of Willis G Witter and
Elizabeth Gooding Witter.....\$165.50
Oct. 14, 1913—LOT 15 BLK "C" Map
Sunnyslope, Okd. Hogan Lumber
Co vs C M Coveil and C L Decker
.....\$143.32
Oct. 16, 1913—N ELIZABETH now
67th 125 from E in San Pablo Ave
E 25 N 110.09 W 22.3 S 110.72, Okd.
J A Graves and J W Beck, \$72; A
Soda, \$30.50 vs Margaret A and
Thos J Powers and John Laamanen
Oct. 16, 1913—LOT 1 and W 10 feet
Lot 2 Blk 119 Map Allison Tract,
Bkly. Fred Nyberg, \$29; Berkeley
Lumber Co, \$474.45; A Soda, \$111.05;
J A Graves and J W Beck, \$48.75
vs Samuel Illich & John Laamanen
Oct. 18, 1913—LOT 23 Map Dimond
Vista, Okd. Hogan Lumber Co vs
C M Blabon.....\$78.31
Oct. 18, 1913—LOT 24 and W 3 feet
Lot 23 and E 22 feet Lot 25 Blk 95,
Kellersberger's Map of Oakland.
Hogan Lumber Co vs Oliver Le-
gault and Martial Davoust.....\$1526.21
Oct. 20, 1913—LOT 35 BLK 16 Map
Havenscourt, Okd. Inland Floor
Co vs Havenscourt Co, C Barkoff,
K Gustafson & W G Harlan.....\$32.57
Oct. 20, 1913—LOT 37 BLK 16 Map
Havenscourt, Okd. Inland Floor
Co vs Havenscourt Co, C Barkoff,
John Doe Taylor and W G Harlan
.....\$28.48
Oct. 20, 1913—LOT 1 and W 10 feet
Lot 2 Blk 119 Map Allison Tract,
Bkly. Contra Costa Bldg Materials
Co vs Samuel Illich and John
Laamanen\$58
Oct. 20, 1913—LOT 26 BLK "D" 4557
of Revised Map of Fairview Tract,
Piedmont. Wm J Tobin & Edmond
Heafey vs A Matheson.....\$33
Oct. 20, 1913—LOT 30 BLK "D" 4557
of Revised Map Fairview Tract,
Piedmont. Wm J Tobin & Edmond
Heafey vs A Matheson.....\$40
Oct. 20, 1913—LOT 24 and W 3 ft Lot
23 and E 22 Lot 25 Blk 95, Keller-
berger's Map, Oakland. California
Door Co vs Oliver Legault and
Martial Davoust\$150.40
Oct. 23, 1913—SE NINTH & ALLIS-
ton Way E 50xS 100, Bkly. John
P Maxwell (Maxwell Hardware
Co) vs John Laamanen and Samuel
Illich\$44
Oct. 23, 1913—N SIXTY-SEVENTH
125 E San Pablo Ave N 110.72 E
22.13 S 110.09 W 25, Okd. John P
Maxwell (Maxwell Hardware Co)
vs John Laamanen and Margaret
Powers\$25
Oct. 24, 1913—SE THIRTY-FOURTH
and Market E 100xS 50, Okd. J S
Carr vs A Gikbarg.....\$12
Oct. 24, 1913—LOT 32 BLK 101 Map
Allston Tract, Bkly. Martin S Foss,
\$170.02; F W Foss Co, \$95.03 vs M G
Fox and A C C Krueger.....
Oct. 25, 1913—LOT Rshv'n of W pt
Blk 8, Rock Ridge Park, Okd. T K
Henderson vs R O Wilson.....\$170
Oct. 27, 1913—LOT 107 Map Redwood
Park, Okd. Contractors & Builders
Supply Co vs Theodore, Emma and
G W Steffen.....\$73.22
Oct. 27, 1913—LOT 252 Map Fourth
Ave Terrace Extension, Okd. Pierce
Hardware Co vs D L Rountree and

LIENS FILED.

ALAMEDA COUNTY.

Oct. 10, 1913—S THIRTY-THIRD
398.95 W Telegraph Ave W 40xS
128, Okd. Henry Cowell Lime &
Cement Co vs J C and Laura Peter-
son and B B Wickersham...\$121.40
Oct. 10, 1913—S THIRTY-THIRD

James Rountree\$161.85
 Oct. 28, 1913—LOT 34 BLK 16 Map
 Havenscourt Sheets 1 and 2, Okd.
 O M Houghton and M S Beem vs
 C Barkoff and Havenscourt Co....\$80
 Oct. 22, 1913—LOT 1 and W 10 feet
 Lot 2 Blk 119 Map B L T 1 Ass'n,
 Bkly. John Larson vs S Illich and
 John Laamanen\$22
 Oct. 30, 1913—NW THIRTY-FIFTH
 Ave 100 SW Deering SW 50xNW 125
 Okd. Burnham Standeford Co vs
 Letitia Mario Wilson and A N
 Phelps\$186.60
 Oct. 31, 1913—S FIFTY-FIFTH 153.84
 W Grove W 40xS 125. Okd. Union
 Floor Co vs Mary A Shumway....\$55
 Oct. 31, 1913—S FIFTY-FIFTH 153.84
 W Grove W 40xS 125. Okd. J G
 Poorman (Poorman & Co) vs W B
 White and Mary A Shumway...\$368.30

SAN JOSE AND THE SANTA CLARA VALLEY.

COTTAGE—1 story and base, frame,
 \$1,800. San Jose, Santa Clara Co., Cal.
 Architect, none. Owner, Mrs. L. M.
 Curtis, 29 Montgomery street, San Jose.
 The dwelling will contain six rooms
 and bath. Interior will be finished in
 pine throughout. There will be an
 open fire place in the living room and
 tile mantel. Tile wainscot will be used
 in the bath room and kitchen. Exterior
 of the house will be covered with rustic
 Plans are complete and the work
 will be done by Day Labor.

RESIDENCES—1 and 2 story, frame.
 Cost not stated. San Jose, Santa
 Clara Co., Cal. Architect, none. The
 following Day Labor jobs are reported
 as about to be started at San Jose:
 Alex York, Russ House, 1 story four
 room cottage, \$1,400; Rocco Martorona,
 S.W. William and Monor, 1 story frame
 cottage, \$900; and L. Morden, 662 Willis
 ave., repairs to cottage, \$709.

Building Contracts.

SANTA CLARA COUNTY.

NO. 65 WILLOW, San Jose. Repair
 cottage.
 Owner.....Mrs. E. L. Auzeais, Santa
 Clara and 24th, San Jose.
 Architect...None.
 Contractor..J. S. Thorp, Porter Bldg.,
 San Jose. COST, \$660

SW WILLIAM AND MINOR AVE., San
 Jose. One-story cottage.
 Owner.....Rocco Martorona, Prem.
 Architect...None
 Day's work. COST, \$800

NO. 662 WILLIS AVE., San Jose. Re-
 pair and remodel cottage.
 Owner.....L. Morden, Premises.
 Architect...None.
 Day's work. COST, \$700

NW FULLER AVE AND PREVOST,
 San Jose. Four-rooms and sleeping
 porch.
 Owner.....Alex York, Russ House,
 San Jose.
 Architect...None.
 Day's work. COST, \$1400

NO. 1295 VINE (rear), San Jose. Two
 room addition.
 Owner.....Salvatore Concilia, Prem.
 Architect...None.
 Day's work. COST, \$400

MANUEL AVE, Town of Los Gatos. All
 work for one and one-half-story
 frame bungalow.

Owner.....John Thompson, San Fran-
 cisco.

Architect...R. W. Follmer.
 Contractor..G. W. Mosher, Palo Alto.
 Filed Oct. 28, '13. Dated Oct. 20, '13.

Frame up\$550
 Roof and 1st coat plaster on..... 550
 Sides shingled and 2nd coat
 plaster on 550
 House completed 550
 Usual 35 days..... 550
 TOTAL COST, \$2750

Bond, none. Limit, 90 days. Forfeit,
 \$10. Plans and specifications filed.

ON FIRST E, between San Carlos and San
 Salvadore, San Jose. All work for
 two-story reinforced concrete bldg.

Owner.....C. L. Meisterhelm, 189 So-
 First, San Jose.

Architect...C. S. McKenzie, Bank of
 San Jose Bldg., San Jose.

Contractor..Morrison Bros., Santa Clara
 Filed Oct. 16, '13. Dated Oct. 14, '13.

As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$22,067

Bond, \$11,037. Sureties, D. O. Druffel
 and H. P. Ebahart. Limit, 175 days.
 Forfeit, none. Plans and specifications
 filed.

NEAR SIXTEENTH AND SAN CARLOS
 San Jose. All work for frame cot-
 tage and sleeping porch.

Owner.....C. D. Cavallaro, San Jose.
 Architect...C. S. McKenzie, Bank of
 San Jose Bldg., San Jose.

Contractor..P. J. Schmidt, 1222 Delmas
 San Jose.

Filed Oct. 29, '13. Dated Oct. 28, '13.

Frame up\$644.25
 Plaster on 644.25
 Fully completed 644.25
 Usual 35 days..... 644.25
 TOTAL COST, \$2577.00

Bond, \$1250. Sureties, V Seeman and
 Wm. Stalker. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

NO. 23 W-SANTA CLARA, San Jose.
 Remodel front, etc.

Owner.....W. H. O'Bannan, Premises.
 Architect...None.

Day's work. COST, \$800

NO. 372 W-SANTA CLARA (rear), San
 Jose. One-story garage.

Owner.....San Jose Water Co., Prem.
 Architect...None.

Contractor..Shottenhamer Bros., 143 S-
 16th St., San Jose. COST, \$1000

NO. 662 WILLIS, San Jose. Repairs.

Owner.....L. Morden.
 Architect...None.

Day's work. COST, \$700

NO. 901 S-SEVENTH, San Jose. Sleep-
 ing porch.

Owner.....F. G. Pyic, Premises.
 Architect...None.

Day's work. COST, \$450

Building Contracts.

SAN MATEO COUNTY.

PARK ROAD AND BURLINGAME AVE
 Burlingame. Brick and concrete
 work for City Hall.

Owner.....City of Burlingame.

Architect...Charles Peter Weeks, Mu-
 tual Bank Bldg., S. F.

Contractor..Willis L. Gott, 229 11th
 Ave., San Francisco.

Filed Oct. 18, '13. Dated Oct. 10, '13.

Grading and foundations in.....\$1800 00
 1st story walls up..... 2600 00
 2nd story walls up..... 1800 00
 Roof on 1800 00
 Plastering finishel 2700 00
 Completed and accepted..... 1796 25
 Usual 35 days..... 4198 75
 TOTAL COST, \$16,795 00

Bond, none. Limit, March 1, 1914. For-
 feit, \$20 per working day. Plans and
 specifications filed.

LOT 13 BLK 27 Re-subdivision of
 Dingee Park. All work for six-room
 frame bungalow.

Owner.....James R. and Mamie A.
 Stansbury.

Architect...None.
 Contractor..Charles Miller.

Filed Oct. 22, '13. Dated Oct. 22, '13.

Frame up\$690
 Plaster on 690
 Completed and accepted..... 694
 Usual 35 days..... 705
 TOTAL COST, \$2375

Bond, \$1387.50. Sureties, Z. T. Thorning
 and G. L. Bresse. Limit, 70 working
 days. Forfeit, none. Plans and specifi-
 cations filed.

RAILROAD AND FIRST AVES, San
 Mateo. All work for reinforced con-
 crete barn.

Owner.....Thos. F. Casey.
 Architect...Havens & Toepke, 46

Kearny, San Francisco.

Contractor..Caldwell & Wisnom.

Filed Oct. 25, '13. Dated Oct. 23, '13.

1st and 15th of each month sums
 equal to 75%.....\$3407
 Usual 35 days, 25%..... 1135
 TOTAL COST, \$4542

Bond, \$2300. Sureties, William D.
 Wisnom and John Sufrin. Limit, Dec.
 15, '13. Forfeit, \$5 per day. Plans and
 specifications filed.

LOT 15 BLK 1, Central Addition to San
 Mateo. Concrete foundation, plumb-
 ing, painting, electrical work, etc., for
 one and one-half-story frame bldg.

Owner.....John McCouvey.
 Architect...None.

Contractor..Croop & Keegan.

Filed Oct. 17, '13. Dated Oct. 14, '13.

Frame up\$500
 1st coat plastering on..... 500
 Completed and notice filed..... 500
 Usual 35 days..... 500
 TOTAL COST, \$2000

Bond, none. Limit, 70 days from date
 hereof. Forfeit, none. Plans and specifi-
 cations filed.

SECOND AVE AND COUNTY ROAD.
 All work for Troy metal washing ma-
 chine for hospital.

Owner.....St. Matthew's Red Cross
 Hospital.

Architect...Louis P. Hobart, Crocker
 Bldg., San Francisco

Contractor..Troy Laundry Machinery
 Co., Ltd., 581 Mission, S. F.

Filed Oct. 20, '13. Dated Oct. 3, '13.

No payments given.....
 TOTAL COST, \$3285

Bond, none. Limit, 60 days. Forfeit,
 none. Specifications only filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED **ACCEPTED**
 Oct. 23, 1913—SECOND AVE AND
 County Road, San Mateo. St. Mat-
 thew's Red Cross Hospital to Wat-
 son Mantel & Tile Co. Oct. 20, 1913
 Oct. 22, 1913—LOT 7 J J Moore Trct,
 Woodside Road, Redwood City. E
 Comigton Pringle to Van Sant-
 Houghton Co. Oct. 20, 1913
 Oct. 23, 1913—SECOND AVE AND
 County Road, San Mateo. St. Mat-
 thew's Red Cross Hospital to Thos
 W Alton. Oct. 20, 1913

LIENS FILED

SAN MATEO COUNTY.

RECORDED **AMOUNT**
 Oct. 27, 1913—LAND LYING S of
 County Road leading from La
 Honda to San Gregorio and E of
 land of Geo C Ross. H P Fennell
 and C M Weyman (Finnell & Wey-
 man) vs D Pieri & Co and Dora
 Wilson \$363.25

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—1 story and base, frame. Cost not stated. Healdsburg, Sonoma Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Laura E. Gilliss. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick or tile mantel. Automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are being prepared.

WOMEN'S CLUB—2 story and base, frame, \$7,000. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, 611 Macdonald ave., Richmond. Owners, Richmond Club. The building, which will be designed somewhat like a large residence, will be erected on Xevyn avenue. Interior finish will be of pine and redwood. Hardwood floors will be used in several of the rooms. There will be a central heating system and open fire place. Mantel will be of brick. Exterior of the building will be covered with cement plaster. Plans are complete and construction will be started as soon as funds can be raised.

LIENS FILED

MARIN COUNTY.

RECORDED **AMOUNT**
 Oct. 20, 1913—MILL VALLEY, Marin Co. Mill Valley Lumber Co vs Sadie De Souza and Alice Lewis, owners and Peter Johnson, contractor \$174.90

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

HOTEL ALTERATIONS—\$5,000. Fresno, Fresno Co., Cal. Architect Eugene Mathewson, Forsythe Bldg., Fres-

no. Owner, T. C. White. This work will consist of extensive alterations to the first floor of the building. Included in the work will be interior finish, plastering, painting and electric work. New store fronts in patent fronts and plate glass windows will be installed. Marble and tile will also be used. Plans are complete and figures are being taken.

STORE AND RESIDENCE—1 and 2 story and base, brick and steel. Cost not stated. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Jacob Richter. The building will be erected at the corner of Mono and I streets and will be arranged for a store on the first floor and the owner's residence on the upper floor. Interior finish will be of pine and hardwood. There will be a central heating system and an open fire place. Mantel will be of brick. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architect.

STORES AND OFFICES—1 story and base, Class A construction, \$120,000. Architect's name not given. Owner, L. L. Cory, Fresno. The building will be erected at the corner of J and Fresno streets and will have frontages of 159 by 65 feet. There will be several stores on the first floor and a large number of offices on the upper floors. There will be a complete steel frame with exterior walls of brick and concrete faced with pressed brick or terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. Concrete floors will be used. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Interior finish will be of pine, hardwood, metal trim and marble. Patent store fronts and plate glass windows are specified. The name of the architect and further details of the work will be published later. Construction will be started within a couple of months.

RESIDENCE—2 story and base, frame, \$8,000. Fresno, Fresno Co., Cal. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owner, P. W. Niederbauer. The dwelling has been designed for an 11 room house with three baths and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—2 2-story and base, frame, \$3,500 and \$5,000 respectively. Fresno, Fresno Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Fresno. Owner's name withheld. These dwellings will each contain seven rooms and bath. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. The more costly house will have furnace heat. Open fire places will be used in the living rooms and mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Automatic water heaters will be installed. Exterior of the houses will be covered with cement plaster on metal lath, rus-

set and 1-plap. Plans are now being prepared.

SCHOOL—1 story, frame, \$5,000. Excelsior School District, Kings Co., Cal. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Excelsior School District. The building has been designed for a one-room district school. Interior finish will be of pine. Stoves will be used for heating. Exterior of the building will be covered with rustic and cement plaster. Plans are now being prepared.

Contracts Awarded.

SCHOOL—1 story, frame, \$3,000. Buena Vista School District, Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners, Buena Vista School District. Contractor, O. C. Schatz, Bakersfield. Contract price, \$2,539.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. A. Pierce, 2207 1st street, Sacramento, 3 2-story frame dwellings, \$2,600 and \$3,000 respectively.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: C. A. Kennedy, 720 East Weber street, 1 story frame dwelling, \$1,500; J. E. Rice, 32 South Sutter street, 1 story frame dwelling, \$2,000; C. Kenyon, 727 East Fremont street, 2 story frame dwelling, \$2,200; Charles F. Chrisman, Stockton, 1 story frame dwelling, \$1,500; W. E. Stuart, Stockton, 1 story frame dwelling, \$1,000, and George Lytle, 343 North Union street, 1 story frame dwelling, \$1,500.

CHURCH—1 story and base, frame, \$10,000. Willits, Mendocino Co., Cal. Architect, E. W. Hyde, Willits. Owners, First Baptist Church of Willits. The building will be erected on a corner site and has been designed with a large auditorium and Sunday School rooms. Interior will be finished in pine and redwood. A central heating system, probably furnace heat, will be installed. Some art glass windows will be used. Design is in the Mission style and exterior will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans for this work are now being prepared.

HIGHWAY CONSTRUCTION—Cost not stated. State Highways, California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed for state highway work in three counties and figures are now being called. Five separate contracts will be let for the work as follows: Fresno County from Fowler to Kingsburg, (VI, Pre., 4, A); about 8 miles in length, to be built of Portland cement concrete. Fresno County from Fowler to Fresno, (VI, Pre., 4, B); about 8 miles in length, to be built of Portland cement concrete. San Bernardino County from Upland to Citrus Avenue, (VII, S. Bd., 9, A); about 10½ miles in length, to be built of Portland cement concrete. Santa Barbara County from Lincoln Creek to Carpinteria Creek, (V. S. B., 2, H); about 2½ miles



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in length, to be graded and paved in part with Portland cement concrete. San Luis Obispo County from Paso Robles to the northerly county boundary (V. S. L. O. 2, A); about 10½ miles in length, to be built of Portland cement concrete. San Luis Obispo County from Santa Margarita to Atascadero Creek, (V. S. L. O. 2, C); about 8½ miles in length, to be built of Portland cement concrete. Plans, specifications and full particulars can be secured by addressing the State Highway Commissioners at Sacramento. Bids will be opened on November 17th. An official proposal appears in another column of this issue.

HOTEL AND STORES—2 story and base, brick and steel, \$20,000. Willits, Mendocino Co., Cal. Architect, E. W. Hyde, Willits. Owner, T. Scheve. The building is being erected on a corner and will contain stores, the postoffice and a moving picture theatre on the first floor. Upper floors are arranged for guest rooms. Interior finish will be of pine throughout. A central heating system and hot water supply will be installed. All interior finish in the post office will be of metal. There will be patent store fronts. Exterior of the building will be faced with cement plaster. The work is being carried on by Day Labor.

Contracts Awarded.

GARAGE—1 story and base, brick and steel. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mrs. Frankenheimer. Contractor, Frank Tucker, North Sierra Nevada street, Stockton. Contract price not stated. Note—The entire building has been leased to Lee and Tucker, North Eldorado street, Stockton.

Building Contracts

SACRAMENTO COUNTY.

LOT 3, K, L, 5TH AND 9TH STS., Sacramento. Alter dwelling.
Owner.....Mrs. Julia G. Runckel, 81½ K St., Sacramento.
Architect...None.
Contractor...O. A. Henry, 1621 13th St., Sacramento.
COST, \$500

LOT 6, J, K, 9TH AND 10TH STS., Sacramento. Alter shop.
Owner.....Gotsch & Schlefer, 1719 P St., Sacramento.
Architect...None.
Contractor...Murrell & Haley.
COST, \$4600

LOT 6 I, J, 29TH AND 30TH STS., Sacramento. Alter dwelling.
Owner.....W. R. Meiss, 2917 J St., Sacramento.
Architect...None.
Contractor...Clippa Bros., 314 21st St., Sacramento.
COST, \$1250

LOT 13 BLK 3 Boxler Tct., Sacramento. Erect dwelling.
Owner.....E. A. Pierce, 2207 1st St., Sacramento.
Architect...None.
Day's work.
COST, \$2600

LOT 15 BLK 3 Boxler Tct., Sacramento. Erect dwelling.
Owner.....E. A. Pierce, 2207 1st St., Sacramento.
Architect...None.
Day's work.
COST, \$2500

LOT 7 SUB 2, Boxler Tct., Sacramento. Erect dwelling.
Owner.....E. A. Pierce, 2207 1st St., Sacramento.
Architect...None.
Day's work.
COST, \$3000

DEL PASO HEIGHTS, School Site. One-story frame school building.
Owner.....Del Paso Heights School District.
Architect...None.
Contractor...Sacramento Home Bldrs. Forum Bldg., Sacramento.
Filed Oct. 24, '13. Dated Oct. 23, '13.
COST, 6088

LOT 14 BLK 44 Oak Park, Sacramento. Erect dwelling.
Owner.....Roy Smith, 3425 Orange Ave., Sacramento.
Architect...None.
Contractor...J. C. Dillard, 3117 Magnolia St., Sacramento.
COST, \$3500

LOT 1, T, U, 4TH AND 5TH STS., Sacramento. Alter dwelling.
Owner.....Mrs. J. J. Buckley, 319 T St., Sacramento.
Architect...None.
Contractor...W. H. Hawk, 816 O St., Sacramento.
COST, \$800

LOT 6, W, X, 13TH AND 14TH STS., Sacramento. Alter dwelling.
Owner.....P. Cerrutti, 1319 X St., Sacramento.
Architect...None.
Contractor...Ellis & Johnson, 20th and F Sts., Sacramento.
COST, \$600

E. H. Williams Chalmer Munday

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Building Contracts.

SAN JOAQUIN COUNTY.

LOT 18 BLK 6, Yosemite Terrace, Stockton. All work for one-story frame bungalow.
Owner.....Mrs. S. Campbell, Stockton.
Architect...None.
Contractor...Sinnott Bros., 830 N-Van Buren St., Stockton.
Filed Oct. 28, '13. Dated Oct. 27, '13.
Roof on\$750
Plaster completed 750
Building accepted 750
Usual 35 days..... 750
TOTAL COST, \$3000
Bond, limit, forfeit, none. Plans and specifications filed.

LOT 6 BLK 76 W of Center, Stockton. All work for one-story frame residence.
Owner.....N. I. Ross, N-Sutter St., Stockton.
Architect...A. Walter King, Elks' Bldg., Stockton.
Contractor...Arthur Paulson, Stockton.
Filed Oct. 24, '13. Dated Oct. 27, '13.
Foundation in\$200
Frame work up..... 400
Building enclosed 354
All plastering completed..... 354
All work completed..... 394
Usual 35 days..... 568
TOTAL COST, \$2270
Bond, \$1135. Sureties, T. S. Dowman and Geo. Smith. Limit, Dec. 13, '13. Forfeit, \$3 each day not completed. Plans and specifications filed.

SAN JOAQUIN AND JACKSON STS., Stockton. Remodel stairs, etc in Jackson School.
Owner.....Board of Education, Stockton.
Architect...Stone & Wright, 26 So-California St., Stockton.
Contractor...W. Daniels and H. Green, 623 W-Park St., Stockton.
Filed Oct. 28, '13. Dated Oct. 24, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$37,540
Bond, \$19,000. Surety, Globe Indemnity Co. Limit, 120 days. Forfeit, \$10 each day after date said. Plans and specifications filed.

LIENS RELEASED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Oct. 23, 1913—W ½ OF LOT 7, R. S. 16th and 17th Sts., Sacramento.
Clark & Henry Constr Co to Elizabeth Ott, \$187.60; Same to Same
.....\$187.60

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—1 story and base, frame, \$25,000. Los Angeles, Cal. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, J. H. Morrison. The building will be erected on St. Louis street and will cover an area of 60 by 135 feet. There will be five stores on the first floor and the entrance to the apartments above. Upper two floors will be arranged for 50 rooms, two and three room suites. Interior finish will be of pine and redwood. All suites will have private bath and wall beds. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat, elevator service and a vacuum cleaning system. Patent store fronts will be used in the stores. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared. Work will probably be done by Day Labor under the direction of the architects.

CHURCH—2 story and base brick and frame, \$15,000. Ontario, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owner, First Baptist Church of Ontario. The building will be designed in the classic style and will contain a main auditorium seating 300 people and Sunday School room also seating 300 people. Besides these rooms plans provide for 14 class rooms, study hall and ladies' parlors. Interior finish will be of pine and redwood. A central heating system will be installed. Ornamental plaster will be used. Exterior of the building will be covered with pressed brick and cement plaster. Plans are being prepared.

WAREHOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls and Morgan, Van Nuys Bldg., L. A. Owners, Barker Bros. The building will be erected at the corner of Moline and Palmetto streets covering an area of 105 by 130 feet. Considerable structural steel will be used. Interior finish will be of pine. There will be metal lath and plaster interior partitions, metal window sash and frames and fireproof doors. Elevator service and modern lighting and plumbing will be installed. Exterior of the building will be faced with stock brick. Plans are now being prepared.

LODGE HALL AND STORE—2 story and base, brick, \$20,000. Holtville, Imperial Co., Cal. Architects, Mayberry and Parker, Pacific Electric Bldg., L. A. Owners, Holtville Masonic Temple Association. The building has been designed with four stores on the first floor, a number of offices and two lodge rooms on the second floor. All interior finish will be of pine and redwood. A maple floor will be used in the lodge rooms. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOSPITAL—2 story and base, reinforced concrete solarium and alterations to the present buildings. Cost not stated. Los Angeles, Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, College of Medicine. Besides the construction of

the two story solarium the work will include new plastering, hospital plumbing, painting and installation of operating room equipment. A large amount of tile wainscoting will be used. A new steam heating system will be installed. Exterior of the new building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened on November 7th.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls and Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponet. The building will be erected on a corner lot and has been designed for six stores on the first floor besides the hotel entrance and lobby. Upper floors will contain in the neighborhood of 120 rooms and a large number of baths. There will be steam heat, elevator service and a hot water supply. Interior finish will be of pine with some elm panels. Bath rooms will have composition floors and tile wainscot. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL GROUP—1 and 2 story, reinforced concrete, \$160,000. Venice, Los Angeles Co., Cal. Architects, Russell and Singluff, Security Bldg., L. A. Owners, Venice School District. The building or group of buildings will be designed for a polytechnic school. A bond issue of \$250,000 was recently voted and the cost of the site will leave in the neighborhood of \$160,000 for construction. Only preliminary plans have been prepared and details of the plan can not be published at this time. Mr. Russell has a San Francisco office in the Humboldt Bank Bldg. Further mention will be made of the work as plans progress.

MUSIC HALL—2 story and base, reinforced concrete, \$90,000. Claremont, Los Angeles Co., Cal. Architect, Myron Hunt, Hiernian Bldg., L. A. Owners, Pomona College. This work has been mentioned here before. The building is designed in the shape of a letter Y and will cover an area of 260 by 45 feet. The building will contain an auditorium seating 1000 people, eight studios and 16 practice rooms. Construction will be fireproof. Interior finish will be of pine and hardwoods. A central heating system, modern plumbing and electric work will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base, reinforced concrete, \$60,000. Santa Paula, Ventura Co., Cal. Architects, Allison and Allison, Hiernian Bldg., L. A. Owners, Santa Paula School District. The building will cover an area of 55 by 165 feet. The design is in the Mission style. Plans provide for 16 standard sized class rooms, assembly hall, an auditorium seating 600 people, teachers' rooms and principal's office. Interior finish will be of pine with maple floors. Plans provide for a central heating system, probably steam, a modern system of ventilation, program clocks and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOL—1 and 2 story and base,

cost \$15,000. Palms, Los Angeles Co., Cal. Architects, O. P. Dennis and H. H. Hewitt, Fay Bldg., L. A. Owners, Palms School District. The building will be erected on a corner site and will contain eight standard sized class rooms, an assembly hall, teachers' rooms and principal's office. Interior will be finished in pine with maple floors. A central heating system will be installed. There will be program clocks and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The building will be erected on a corner site and will cover an area of 90 by 100 feet. The building has been designed to contain five large stores. A cement floor will cover the entire area. There will be metal window sash and frames. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND LOFTS—4 story and base, \$40,000. Hollywood, Los Angeles Co., Cal. Architect, E. P. Parcher, 1524 Labajo avenue, L. A. Owner, C. E. Tolerman. The building will be erected on a corner site covering an area of 75 feet square. The first floor will contain four stores and second floor eight suites of offices. Third and fourth floors will contain sixteen apartments of two and three rooms each. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a hot water supply. Bath rooms will have composition floors and tile wainscot. There will be metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete.

Contracts Awarded.

HOSPITAL COTTAGES—J. K. L. and M. frame construction, \$69,060. Patton, San Bernardino Co., Cal. Architect, Slate Architect George B. McLaughlin, Sacramento. Owners, State of California. Contractors, Mulder and Harnish, 113 South Rose street, L. A. Contract price, \$69,060.

HOTEL—4 story and base, brick and steel. Los Angeles, Cal. Architects, Richards-Neustadt Construction Co., L. A. Owner, Newton E. Cramer Contractors. The Willard-Slater Co., 2314 Santa Fe ave., L. A. Contract price, \$35,000.

ROUNDHOUSE, MACHINE SHOPS, ETC.—Reinforced concrete construction, \$65,000. Redondo Junction, Los Angeles Co., Cal. Engineer, Chief Engineer G. W. Harris, 6th and Main streets, L. A. Owners, Santa Fe R. R. Co. Contractors, Van Sant-Houghton Co., 503 Market street S. E. Contract price, \$65,000. Note—This work will consist of the following buildings: The main building will be a one-story office building and storage house, forty feet high, making it equivalent to a two-story structure. It will be 50x165 feet, with concrete foundation, walls and floors reinforced with steel, composition and tin roof, metal lat partitions, steel doors and shutters, sprinkler system, plumbing, and eating plant. The cost is estimated at \$25,000. A concrete power house will be erected 61x76 feet, with concrete partitions, tar and

gravel roof, brick floor on the first story, pine above, and steel beams and girders. The cost will be \$10,000. There will be a frame office building 21x60 feet, with rustic interior, and electric wiring. Cost, \$3,500. A frame machine shop 10x100 feet, will cost \$3,550, and a sand house will cost \$3,000. There will be a concrete toilet building 26x45 feet, with cement floors and composition roof to cost \$5,000. A reinforced concrete machine shop 60x148 feet, with concrete floors and composition and tin roof will be built to cost \$12,500.

MOVING PICTURE HOUSE—1 story and base, brick, \$15,050. Los Angeles, Cal. Architects, Austin and Pennell, Wright and Cullender Bldg., L. A. Owner, Joseph L. Murpley, Contractors, Boman and Klarquist, Union League Bldg., L. A. Contract price, \$15,050.

PORTLAND AND OREGON.

PILE AND CONCRETE BRIDGE—Cost not stated. Salem, Ore. Engineer, W. W. Lucius, Portland. Owners, City of Salem. Plans are now being prepared for a bridge 600 feet in length. A portion of this bridge 250 feet will be of reinforced concrete construction and the balance of pile and timber. There will be a 30 foot roadway and 2 six foot walks, one on each side of the roadway. Plans will be completed in the course of three weeks and bids will then be called for by the City Council. Further mention will be made of this work at that time.

CREAMERY—3 story and base, reinforced concrete, \$30,000. Portland, Ore. Architects Emil Schacht & Son, Commonwealth Bldg., Portland. Owners, Townsend Creamery Co. The building is to be erected at the corner of 7th and Everett streets covering an area of 100 feet square. Only the first floor will be of reinforced concrete, upper two stories being of brick and mill construction. The various departments of the creamery will be housed in separate parts of the building. Construction will be fireproof. Much marble and tile will be used. Concrete floors will be used throughout. The estimated cost does not include pasteurizing or cold storage machinery. Separate contracts will be let for the mechanical equipment. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

GARAGE—1 story and base, steel and reinforced concrete, \$15,000. Tillamook, Ore. Architect, E. E. McLaren, Lum's Exchange Bldg., Portland. Owner's name withheld. The building has been designed for a commercial garage and will cover an area of 100 by 105 feet. There will be a steel frame and exterior walls of reinforced concrete. A cement floor will cover the entire area. Plans provide for metal window sash and frames and special gasoline storage tanks. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. A general contract will be let.

Contracts Awarded.

CHURCH—1 story and base, frame, \$10,000. Portland, Ore. Architect, C. A. Houghtaling & Co., Henry Bldg., Portland. Owners, Blessed Sacrament Parish Church. Contractor, J. F. Donohue, 295 17th Street, Portland. Contract price, \$10,000.

BANK—2 story and base, brick and steel, \$20,000. Beaverton, Ore. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owner, F. W. Cady. Contractor, Bert Houten, Beaverton. Contract price not stated.

DEPOT SIDINGS—Steel frame, \$10,000. Portland, Ore. Architect, Engineering Department Northern Pacific Terminal Portland. Owners, shrdlu shrdluudi Co., Portland. Owners, Northern Pacific Terminal Co. Contractor, Charles McGonigle, Chamber of Commerce Bldg., Portland. Contract price, \$10,000.

SEATTLE AND WASHINGTON.

PACKING PLANT—Group of 1 and 2 story concrete and frame buildings, \$200,000. Steveston, B. C. Architect, none. Owners, British Columbia Packers' Association, Steveston, B. C. All buildings will be carried on pile foundations and will have reinforced concrete walls. Other parts of the work will be of frame construction. Three separate contracts will be let, general construction of the buildings, electric work and mechanical equipment. Exterior will be covered with cement plaster and rustic. Plans are complete and in the hands of the owners who are now taking figures on the work.

PAINTING CONCRETE AND CEMENT WALLS.

By A. Ashmun Kelly in the National Builder.

Owing to the porous nature of concrete and cement work generally, it is found necessary to protect the exposed surface from the action of rain or dampness. Water filters easily through it, and this is the reason for works, constructed from such material, deteriorating in time. A variation exists in the permeable qualities of concrete or cement work, the determining factor in the case of concrete being mainly the density of the mixture; where considerable cement is added the porosity will not, of course, be as great as where less quantity is employed. Capillarity decreases with the process of time. It is well to remember these facts when about to treat such material with filler or paint.

Many substances have been tried in the effort to decrease the porosity of concrete, most of them incorporated with the mixture of sand, etc. Most of these experiments have not proven satisfactory. The purpose of these treatments is to make the substance impermeable to water. Some have proven quite satisfactory, the best resulting in the taking up of only five per cent. of the amount of moisture taken up by untreated blocks. In some instances it has been found that the addition of certain waterproofing substances has weakened the concrete, while in others it has not thus affected it, but has materially improved it.

Coming to the painting of concrete or cement surfaces, we may say that two purposes are served thereby, namely, the sealing of the pores of the material, and the enhancing of appearance of same. One of the troubles with cement work is the efflorescence, or exudation, of soluble salts from the action of moisture on the cement. This

can be overcome only by either filling the substance with some waterproofing liquid, or painting the surface with a proper paint or filler.

It has been found that certain pigments have a bad effect on cement. But any inert pigment, such as the earth colors, ochre, umber, sienna, Vandyke brown, etc., being inert, have no harmful influence in this case. Water-soluble dyes have not been found harmful; they are used when more brilliant coloring is desired. Grease will injure fresh cement but not old cemented work.

Floors made of concrete and cemented soon become dusty, and sweeping the floor aggravates the evil. The only thing to do is to paint the floor. This ought to be done in the beginning, or before dust begins to show.

All cements contain more or less alkali, hence in order to prevent action of the alkali on any oil the paint may carry we must neutralize the said alkali. But an acid will injure the cement. Some substance capable of changing the alkali to insoluble salts has been tried, but it is found that to attempt to change the alkali thus, or to get rid of the alkali by neutralizing it, is not satisfactory. First, there should be applied a filler substance, something like a thinned varnish, which will penetrate and fix the alkali, and leave a good surface for ordinary oil paint. On a floor done this way there may be used the ordinary best floor paint. Before applying filler or paint let the surface be carefully brushed off, to remove every particle of dust or grit. But do not make the mistake of washing the surface first with water, for the moisture will sink in more or less and is hard to get out. Concrete requires a long time to dry out. And if a concrete floor is not perfectly dry before it is painted there will be some scaling off of the paint at some subsequent time.

As with painting on wood, thin coats are to be preferred to heavy coats, and even more so in the case of concrete than with wood, for there is not as good a holding surface in the former case. While one coat of paint over the filler will answer, yet two thin coats are still better.

The filled, alluded to as something akin to a thinned varnish, should not be applied so as to leave a glossy or varnish-like surface, for it will not give as good a result. The filler should sink in and leave a mere stain to indicate its presence. If the filler has been applied too thick, brush some turpentine over it before applying the coat of paint.

It has been established that exterior walls coated with cement will take paint all right and without any preparing with filler or other waterproofing, if allowed to stand to the weather for, say, a year. In this time the alkali bleaches out and the cement hardens and so affords a very safe surface for any ordinary paint.

THE VARIOUS USES OF MAPLE WOOD

Maple, the Forestry Bureau says, is one of the chief woods used for agricultural implements and farm machinery, being so employed because of its strength and hardness. All kinds of woodenware are made of maple, which holds important rank also in the

manufacture of shuttles, spools and bobbins. It competes with black gum for first place in the manufacture of rollers of many kinds, from those employed in house moving to the less massive ones used on lawn mowers. Athletic goods, school supplies, brush backs, pulleys, type cases and crutches are a few of the other articles for which maple is in demand.

Seven species of maple grow in the United States, of which sugar maple, sometimes called hard maple, is the most important. The total cut of maple in the United States annually amounts to about 1,150,000,000 feet, nearly one-half is produced by Michigan, with Wisconsin, Pennsylvania, New York and West Virginia following in the order named. Sugar maple, says the department, is in little danger of disappearing from the American forests, for it is a strong, vigorous, aggressive tree, and though not a fast grower is able to hold its own. In Michigan it is not unusual for maple to take possession of land from which pine or hardwoods have been cut clean, and from New England westward through the Lake states and southward to the Ohio and Potomac rivers few other species are oftener seen in woodlots.

HOW THE STATE CONDUCTS ITS BUSINESS.

It is doubtful if there is a big corporation in California that conducts its affairs along more businesslike lines than does the State under the new order of things than came in with the Johnson administration.

A system of pre-estimates, inaugurated by the Board of Control, gives that body direct supervision over all proposed expenditures by institutions, department and offices, and enables it to call a halt where it is planned to exceed the available fund or where it is planned to expend money for a purpose not contemplated in the appropriation granted by the Legislature. This is check No. 1, and a very important check it is, too.

But if no objection is found to a pre-estimate of expenditures and the proposed indebtedness is incurred, there are other systems of checks to see to it, first, that the goods as ordered or work as contracted for come up to standard; second, that the profits charged do not exceed the figures given in the pre-estimate; third, that all extensions and totals are correct; and, fourth, that the claims against the State are drawn against the proper funds. All claims are audited by the Board of Control and the State Controller and if found correct the latter draws the warrants for their payment.

The Board of Control and the Controller's office, as a matter of fact, work together and constitute a double checking system by which it is practically impossible for the State to be deprived of what properly belongs to it. While their duties to some extent are identical, yet they differ materially in other respects. The Board of Control inaugurates proceedings by means of the pre-estimate system, while the Controller winds them up by making the payments, the responsibility falling upon him in the final analysis to see that no illegal claim is paid and that no warrant is drawn except upon the proper fund.

Never in the history of the State has

its business been conducted so efficiently. Not only has graft been stopped, but waste as well. To people are now getting a dollar's worth for every dollar spent. The saving to the taxpayer has been tremendous.

Despite the natural increase in the cost of running the State, due to its wonderful development, and regardless of many unusual expenses, such as \$500,000 for free school books, the rate of taxation under Governor Johnson Johnson has averaged much less than the rate for any two years during the office.

NATURAL-GAS PRODUCTION.

Related returns to the Geological Survey show that the total production of natural gas in West Virginia in 1912 was 239,088,068,000 cubic feet, valued at \$33,349,021, and in Pennsylvania 112,149,855,000 cubic feet, valued at \$18,539,672. This gives West Virginia an additional lead of \$4,000,000 in value over figures recently issued by the Survey.

RAILROAD NEEDED TO YUKON VALLEY, ALASKA.

The estimated value of the gold produced in the Alaska portion of the Yukon basin in 1912, was \$8,645,000, compared with \$9,050,000 in 1911. This decrease is due to the falling off of the output from the Fairbanks and Hot Springs districts, for the other Yukon camps either held their own or somewhat increased their output compared with the preceding year.

The Fairbanks district continues to be the largest producer of placer gold in the Yukon country. It can not maintain this position long, however, without a radical change in mining conditions which will make it possible to exploit profitably its extensive bodies of low-grade placers. But little has been accomplished in this direction, and the best hope of the future lies in obtaining direct railway connection with tidewater.

BORAX DEPOSITS IN CALIFORNIA.

Deposits of colemanite, an ore of boric acid and borax, were discovered in Ventura County, Cal., in 1898, and the district has yielded about 35,000 tons of crude ore, valued at approximately \$1,000,000. This colemanite, although classed among the few important deposits of this kind of ore in the country, has suffered the disadvantage of being a long distance from the main routes of transportation. As in the case of many other western industries, however, it is expected that the opening of the Panama Canal will greatly stimulate production. An examination of the borate deposits of Ventura County was recently made by Hoyt S. Gale, of the United States Geological Survey, and while the investigation was not sufficiently detailed to permit an expression of opinion as to the magnitude of the undeveloped deposits, it is believed that they are very considerable. Mr. Gale's account of the investigation has just been published as advance chapter O from Bulletin 540. A copy may be obtained on application to the Director, U. S. Geological Survey, Washington, D. C.

START \$30,000 TANK.

MARYSVILLE (Yuba Co.), October 28.—The Cahill Construction Company has commenced the erection of the \$30,000 gas tank for the Pacific Gas and Electric Company at Fifth and Walnut Streets in this city. The tank, which will be the largest in the State north of Sacramento, will hold 150,000 cubic feet.

The present work consists of placing the foundation, which will be completed by the end of this month. It is estimated that the tank will be completed by Christmas.

AMERICAN SAWMILL FOR JAMAICA.

An American company has built a small sawmill at St. Margaret's Bay, seven miles from Port Antonio (Jamaica), which will shortly be ready to go into operation. This mill has a capacity of sawing 10,000 feet of lumber and of making 5,000 to 10,000 shingles a day. It is proposed to saw mahogany, Spanish or West Indian cedar, mahoe, greenheart, bullet, satinwood, ebony and lignum vitae for export and local consumption. This mill offers to cabinet makers and furniture manufacturers in the United States an opportunity to test the value of some of the fine woods of Jamaica.

PROVERBS FOR CHINESE WOMEN.

From "China Revolutionized," by John Stuart Thomson.

You cannot tell a good husband that his wife has a defect.

Ugly and beautiful daughters all have one face to a true mother.

Mother's love is even in beasts, for the hungriest tiger will not eat its whelps.

Deeds are better than admiration.

A virtuous wife is like a loyal statesman; she knows only one king, her husband.

Mother and father first and wealth after.

She is dead indeed who walks around with a dead heart.

If you listen to everyone's advice, the picture will never be straight on the wall.

Let thine purse and not thine eyes tell thee what to buy.

You cannot expect the looking glass to reveal more than you put in it.

CONSTRUCTION WORK ABROAD.

Argentina.

Electric-Light Plants.

Sr. Barthelemy will shortly apply to the Municipality of Garin (Buenos Aires) for a concession for an electric-light station.

There is a movement in Azul to constitute the Co-operative Electric Light Co. The contract for public lighting held by the Cia. de Electricidad de la provincia de Buenos Aires shortly expires, and it is not yet known if it will be renewed. The commissioner is consulting with the leading citizens on the subject.

Belgian Congo.

New Port on Lake Tanganika—Railway Construction.

The construction of the port of Albertville on Lake Tanganika is to be commenced at once, under the supervision of Capt. Mauritzen, hydro-

grapher of the Danish navy. This town is situated in Kongo on the western bank of the lake and is the terminus of the Great Lakes Railroad, which, when completed, will connect the lake with Kabalo, just south of Bull, on the Kongo River.

This will open up a new commercial route for the Katanga district, offering quicker means of transportation for passengers and merchandise between the district and Europe than is possible under existing conditions. The Germans are already building their lake port at Kigoma-Ujiji, in German East Africa, which will be the terminus of the railroad to Dar-es-Salaam. The two lake ports will be connected by a line of steamers, the first of which, a vessel of nearly 1,000 tons, is now being constructed by a German company. The new route to the Katanga District will have a great effect upon the development of this part of Africa. The itinerary from Europe will be as follows: By steamer to Dar-es-Salaam, thence by rail to Kigoma, across Lake Tanganyika by steamer to Albertville, and from that port by rail to the interior of Katanga. This will occupy several days less than the present means of communication via Boma, Matadi, Leopoldville, and the long and tiresome river trip up the Kongo. The actual difference in time will probably be about 12 days.

Work on the Dar-es-Salaam or Tanganyika Railway to Kigoma is being pushed, and great numbers of native laborers are now employed in its construction. The contractors hope to reach Kigoma at the end of 1913.

Ceylon.

The Indo-Ceylon Railway.

In continuation of the announcement in Daily Consular and Trade Reports for August 4, 1913, it is stated that the new railway connecting India with Ceylon across Adam's Bridge will be opened on the Indian side on January 7, 1914, for freight carrying only, as the Ceylon railways have not yet sufficient cars available to handle the expected passenger traffic at that time. Three new ferry steamers from England are expected to reach Tuticorin by the end of October. The contract for running them has been awarded to the British India Steam Navigation Co. Straits Settlements.

Durian Daun Hospital.

The Government Gazette of August 29 announces that the Legislative Council, on June 22, approved the expenditure of \$23,275 (U. S. currency) for carrying out additions and repairs, including European ward and nurses' quarters, at Durian Daun Hospital, Malakka.

New Zealand.

DISPLACEMENT OF COAL BY OIL.

On account of the large production of petroleum in California and its use for fuel, coal mining has practically ceased in that State, the production in the last two years being only 16,747 tons in 1911 and 19,978 tons in 1912, according to Edward W. Parker of the United States Geological Survey.

The production of petroleum in California in 1912 was 86,459,767 barrels, of which not less than 50,000,000 barrels was used directly for fuel. Large quantities of oil are also used in place

of coal for gas making, and on the estimate that three and a half barrels of petroleum is equivalent to one ton of ordinary bituminous coal, it is probable that from 1,100,000 to 1,500,000 tons of coal would be required to perform in California the service now rendered by petroleum in the production of heat, light and power. California oil is the principal fuel for locomotives as far north as Washington and across the Sierra and Cascade range, its freedom from sparks serving as a great protection against forest fires, as compared with coal or wood fuel. It is used almost exclusively on inland and coastwise steamers, and to an increasing extent by the transpacific steamers. It has even displaced coal on Puget sound, many of the steamers of the Canadian Pacific fleet plying between Vancouver, Victoria and other points having been equipped for oil burning. There is still, however, some demand for coal in California, particularly for domestic use and for bunker trade at San Francisco, but it is almost exclusively supplied by coals from other states and from abroad.

There are, however, in California, a number of small, widely separated coal fields, chief among which are the Mount Diablo field of Contra Costa county, the Corral Hollow field of Alameda county, the Priest valley and Trafton fields of San Benito county and the Stone Canyon field of Monterey county. The first two, which are on the eastern border of San Francisco bay, and consequently in the west-central part of the State, produce black lignite or subbituminous coal. The coals in Monterey county are of the same geologic age as those farther north, but they have been altered into true bituminous coals. The alteration in the San Benito county areas has not progressed so far as in Monterey county, but the coals closely approach the bituminous grade. None of them possess coking qualities.

A LOCOMOTIVE 24 FEET HIGH.

From the Chicago Examiner.

The largest passenger locomotive in the world pulled into the La Salle Street Station the other day. It is the first of thirty monsters building for the Chicago, Rock Island & Pacific Railroad and will run on the Western division. The locomotive, with tender, is one hundred feet long, the engine eighty-five feet and the tender fifteen. It is twenty-four feet high and weighs 333,000 pounds, or 160,000 pounds without the tender.

It can pull twenty passenger or Pullman cars with ease. There are four 69-inch driving wheels on each side, the largest wheels on any locomotive in the world. The weight on the driving wheels is 224,000 pounds. The engine has a traction power of fifty thousand pounds and runs with a steam pressure of 185 pounds.

New steel equipment necessitates these powerful machines. The Rock Island passenger equipment is now 25 per cent steel and on through mainline trains 51 per cent, exclusive of the Pullmans. The locomotives are built by the American Locomotive Company at the Schenectady works.

RAILROAD'S ANNUAL REPORT.

The annual meeting of the stockholders of the Sacramento & Woodland Railroad Company was held Saturday, and all the outgoing Directors and officers were re-elected, headed by T. T. C. Gregory, its President. Practically all the stock was represented.

The company's report for the year showed a surplus earned over bond interest and charges and expenditures of every sort of \$21,000. This net sum was distributed as dividends on the company's outstanding stock, aggregating \$1,000,000. Very few roads achieve as good a showing as this in their first year of operation.

The main line has been completed from far up in the Suisun Valley to Vacaville Junction, with two branches connecting Vacaville and Suisun and Fairfield. It is proposed now to extend the main line from Woodland in the direction of Winters.

The Northern Electric Railway Company, the holding corporation, applied to the Railroad Commission for an order extending from November 1, 1913, to November 1, 1914, the effective date of the Commission's previous order authorizing the company to issue \$8,000,000 bonds. Of this sum \$5,500,000 is desired for the construction of the Vallejo & Northern Railway and the balance was for refunding purposes.

CALIFORNIA AUTOMOBILES.

The total number of automobiles now licensed in California is 120,776, which, at an average cost of \$1,500 a car, shows

The number of automobile licenses issued during October to the close of business yesterday afternoon was 2,391, an increase of 100 over the number of automobiles registered during September, according to figures compiled by Motor Clerk Mansfield. Four hundred and fifty-five chauffeurs were also licensed, and 423 transfers made.

EXPERIMENTS WITH WIRELESS POWER.

ELK GROVE (Sacramento Co.), October 27.—Representatives of the Pacific Gas & Electric Company of Sacramento and several automobile loads of Elk Grove citizens journeyed to the Ba Roza ranch, two miles west of Elk Grove, yesterday, to see young Roy Thompson operate a thirty-five-horse-power test motor by electricity attracted from the atmosphere by magnets, Leyden jars and tuning coils.

The electric people have become so interested in Thompson's experiments that they loaned him the test motor, saying that if he could make it run by his device he could operate a street car by the same system. It required 400 volts to start the motor.

Thompson's experiment with the motor was a perfect success, for he had the motor running at full speed in the presence of all without any visible means of power.

Another valuable principle that this young electrical genius has discovered is to compel the sound waves that carry wireless messages to operate a Morse telegraph instrument. This he has done.

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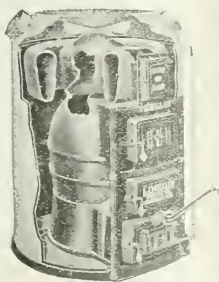
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Connell, J. E.
Campbell, Chas.

Chalmers, H. A.
Connolly & Son

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Damico, Tony

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Felt, R. D.

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Pay, J.

Glosser, Geo.
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Kaiser

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Atlanta Fire-
proofing Co.

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Fire-
proofing Co.

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Lynch, R.

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McClelland, R.

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Roebeling Co. Co.

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Hogberg, Emil
Koldenstrodt, F.

Larsen, H. H.
Larsen, L. C.

Lawson, A. W.
Lindgren, C. J.

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Mead, W. J.

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Lynch, R.

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Maynard, Fred
Potter, A. V.

Pearless Fire-
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Roebeling Co. Co.

Snell & Dennis
Streeter, M.

Sheehan, Thomas
Hock, Chas. H.

Hadley, Chas.
Hibbins, Geo.

Hogberg, Emil
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Larsen, H. H.
Larsen, L. C.

Lawson, A. W.
Lindgren, C. J.

Ludwig, John
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tems.

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nien

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ior Co.

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ber Co.

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terial Co.

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son

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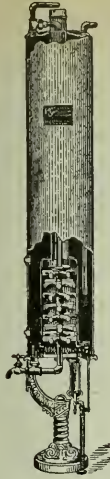
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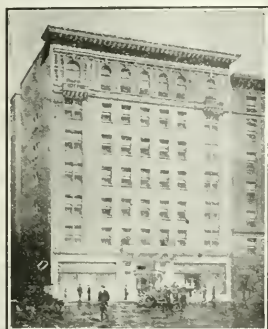
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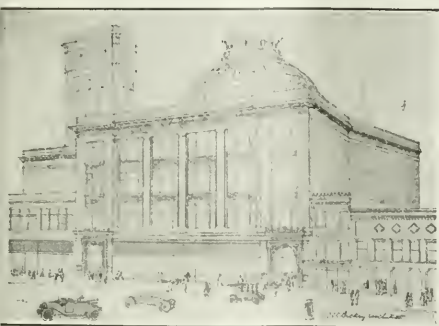
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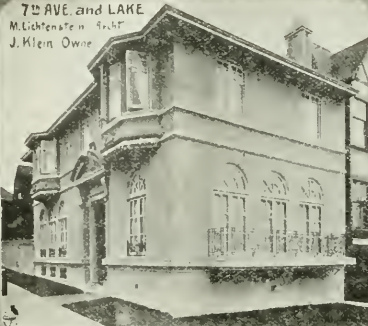
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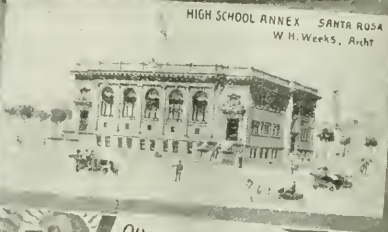
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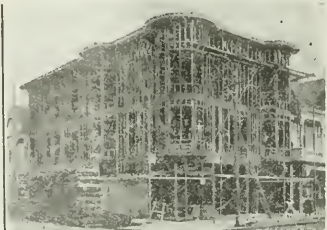
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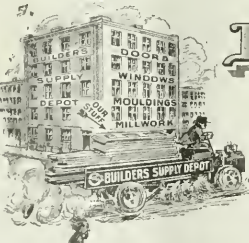
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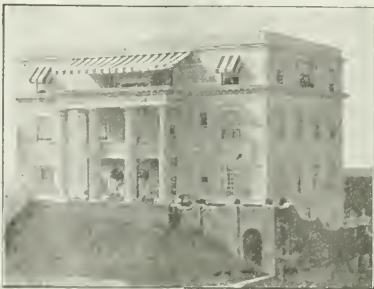


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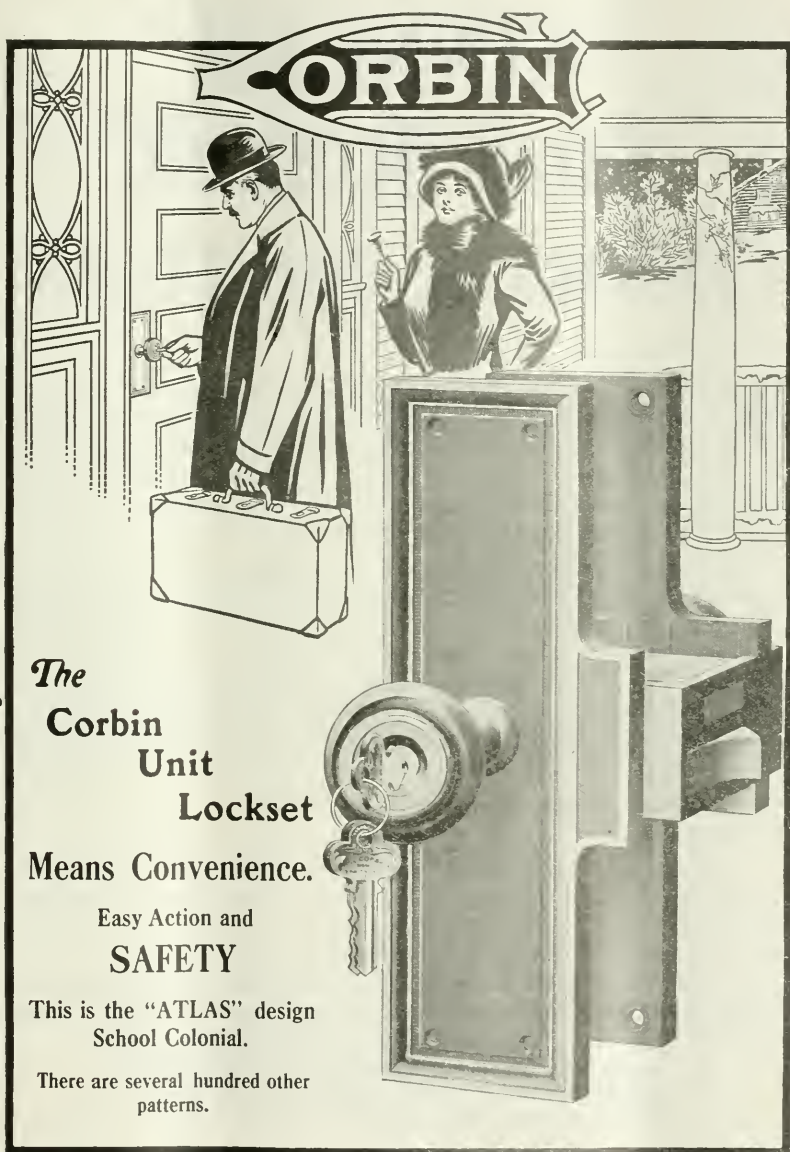
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Editorial Comment.

Building construction for the month of October showed a slight decline in the amount of contracts filed for private construction. Less than two million dollars is the total amount recorded including that of the Panama Pacific Exposition. Segregated the figures are as follows: Brick and fire-proof construction, \$543,385; frame buildings, \$605,392; alterations and additions, \$145,432; Panama-Pacific Exposition contracts, \$253,863; total \$1,518,077.

This record, however, is about an average one for the month of October in the City and County of San Francisco. Compared with other years the record for the past decade is as follows:

October, 1904	\$1,398,524
October, 1905	1,490,510
October, 1906	6,856,331
October, 1907	4,980,508
October, 1908	3,032,047
October, 1909	2,083,385
October, 1910	1,772,952
October, 1911	1,928,826
October, 1912	1,918,839
October, 1913	1,878,077

It will thus be seen that for the past three years construction work and private contracts have not varied much for the month of October. Outside of the rebuilding period October has generally gone below the two million mark. This year has been no exception to the rule. And from the indications the year will finish out about as it started in with a good general average under the circumstances and a better average than most other cities representing building centers will show.

The situation in Mexico seems to have reached a crisis. Dictator Huerta has a wildcat by the tail, he can neither hold on or let loose. So far as reports go President Wilson has demanded that he be eliminated and get out of the position of authority. This seems the only method of clearing the situation and establishing any kind of a just or free government.

The President has been criticised for giving warning to all Americans to leave Mexico. It is said that he refuses American citizens the protection of the flag. The fact is that he has sought by the most fair means to establish justice and lend support to any fair government that might be established in Mexico. Had he told Huerta or any body else to protect Americans in Mexico any of them would have been equally unable to do so. If war had been declared or a movement had been made to coerce the country, in all probability a great many Americans would have been murdered before any

protection could have been furnished by anybody.

Whether Huerta can see the handwriting on the wall will soon be determined. If he is wise he will see that there is but one end to it all and that is for him to get out. The only hope that he can entertain is to play one power off against another if intervention becomes necessary and even then his power and even his life hangs by a single thread. For he placed himself in power by betraying and assassinating the president under whom he served. There are many of his countrymen who would be glad to deal with him in the same manner. Certainly he sails a stormy sea in which there are many hidden rocks. Uneasy lies the head that wears a crown, when the crown has been secured by such means as he has employed.

Things in Mexico seem to be going merrily on in true Mexican fashion. Now comes the report that Gen. Felix Diaz has been stabbed at Havana in an attempt at his assassination. Dead men tell no tales and are poor centers around which to build a revolution seems to be the motto of the Huerta government. If the thing keeps up the ranks of the generals in Mexico will be as dangerous a situation as that of the common soldiers. Certainly the succession of events are not increasing Huerta's claim for the head of the government.

Reports on the rice crop in California state that from 150,000 to 250,000 sacks of that food will be harvested in this state this year. This means an addition to the products of this commonwealth which are already more varied than that of any state in the Union. Rice is a staple food product and forms the principal diet of more than half of the human race. With the river lands used for rice growing a new crop is added which ought to be profitable to the growers.

Reports from the Exposition show a goodly pay roll on the buildings being constructed, and improvements being made. From now on for the period of one year the number of men employed should be on the increase as the State buildings and other structures to be erected will be steadily on the increase.

The contracts on the Municipal railway extension will soon be let. What with the auditorium being under construction, the new City Hall being erected and improvements going on in the Civic Center the new year ought to open with a goodly number of men employed in the building business. And with these improvements going on there ought to be at least as good times in San Francisco for the builders as in any other place, perhaps a little better.

Foundation Problems In Erecting Structures

—By John L. Hall—

The first essential to a great structure is a good foundation. Let us, therefore, go below. Following one of the steel columns to its base, you will probably find a cast iron pedestal that serves to spread the column load over a larger area of concrete. This concrete which supports the column base is known as the "caisson." It is in the form of a cylinder or a rectangular prism, which penetrates deep into the soil and stands on a firm rock floor.

If foundations are among the most important—they are also among the most interesting engineering features of building construction. Caisson foundations are used very extensively in the lower end of New York, where the rock lies at considerable depth below the surface. There is usually a layer of cemented gravel hardpan on top of the rock and then a bed of beach sand filling up to near the surface of the ground. The sand is saturated with water so that an open excavation cannot be made to any great depth. As many of the caissons reach a depth of 60 to 100 feet, the work is done by the aid of compressed air.

The method employed is as follows: The place selected for a caisson is laid out, and a strong wooden box, called the working chamber, is built over it. The bottom is left open, and the bottom of the sides is sharpened to an edge. This edge rests on the ground and is called the cutting edge. A round hole is made in the center of the top about 24 inches in diameter, and to this is fitted a tall iron tube or vent having an iron ladder inside for the laborer's use. At the top of the vent tube is an enlargement called the air chamber. This has a door or a valve in the bottom communicating with the tube, and a door in the top opening to the outer air.

Forms are now built up from the working chamber and a mass of concrete is poured around the vent forming a block just covering the top of the working chamber, and built to any height desired.

The weight of the concrete forces the cutting edge into the ground. Laborers inside shovel the soil into buckets, which are hoisted through the vent. When the water line is passed and the water begins to be troublesome, the air chamber above is closed and air pumped into the vent until the pressure forces the water outside the working chamber and the excavation proceeds to the desired depth. As the caisson sinks, the concrete is built up, and the vent lengthened. Finally, when rock is reached, or the cutting edge penetrates the hard pan, the working chamber and vent are filled with concrete, the air chamber is removed, and the caisson is ready to receive the column base.

As the depth of excavation below the water line increases, the air pressure must be increased at the rate of about three pounds per square inch for every seven feet of depth. Life at sea level is adjusted to an air pressure

of 15 pounds. At a depth of 35 feet in the pneumatic caisson this pressure is doubled. At 70 feet it is four atmospheres, at 105 feet five atmospheres, and at 140 feet six atmospheres, a pressure which is practically prohibitive to human life.

The deeper excavations require very short shifts and long rests for the men. The progress becomes very slow and expensive, and many human lives are unavoidably sacrificed.

Where the rock is too deep to be reached by pneumatic caissons, as it was at the new Municipal Building near the entrance to Brooklyn bridge, the caissons are widened out at the bottom by undercutting the sides and are permitted to rest permanently on the sand.

There was a man in the Scriptures who built his house upon the sand, but that was apparently above the ground—for sand in a deep excavation makes a pretty firm foundation. I have known a pressure of 30 tons to the square foot to cause only a fraction of an inch settlement. The important thing about sand for the support of foundations is that it must be at a depth which will not be disturbed by subway or other excavations.

The method of building in Chicago is much simpler. The rock or overlying hard pan which serves to support the caissons is 80 to 100 feet below the surface in the business center, but the soil is a blue clay which is nearly impervious to water. So that it is practicable to dig open wells to the depth desired. The wells are walled with short wood staves, which are driven ahead as the digging proceeds, and the staves are held in place by iron hoops made in two half circles and fitted together inside of the staves.

Among the other types of foundations used are wood piles, which are driven in soft wet ground on the tide lands, and concrete piles for soft ground where the saturation is not sufficient to preserve wood piles. After these come spreading footings of steel grillage, reinforced concrete, or masonry.

All of these types are used on Manhattan Island—for if you could follow the rock floor uptown from the building we have been examining, you would presently find yourself at the surface. When it becomes necessary to blast the rock for basements, it is often feasible to set the column directly on the rock, by leveling up with cement.

After foundations, the most important structural member is often the column. Let us therefore return to the place of beginning and look at the steel column. It will be found to be the largest in its lowest story and requiring in size with each succeeding story to the top of the building. Each column carries its portion of the top floor, besides the column above, and therefore carries part of one floor and roof. The next story column lower carries a corresponding part of two

floors and roof and so on to the bottom story, which carries part of all floors and roof.

Thus it will be seen that a column in a high building is like the trunk of a tree, which increases toward the bottom as its load increases. Except, of course, the increase in a tree trunk is more gradual and more graceful.

Consider next how the several floors are supported. The weight of a floor rests upon steel beams and the beams connect to girders, which are riveted to the columns. A beam or girder, unlike a column, carries only one floor. The corresponding beam therefore may be of the same size in all floors. The walls also are carried on beams at the floor level in each story—so there is never much load on the masonry in a tall building. An exception to this rule occurs in the north half of the Monadnock block in Chicago. This 17-story building has self-supporting walls, which are four or five feet thick at the ground story.

In fireproof buildings the floors between beams are constructed of hollow tile arches or concrete slabs. Brick arches are no longer used for that purpose except occasionally in vaults and sidewalks.

You have now seen the principal elements that make up what is known as skeleton construction, namely: Beams, girders, columns and foundations. One thing in the walls may have escaped your notice, and that is the wind bracing. In tall buildings this becomes a very important factor.

The designing of the foundations and framework of buildings constitutes the work of a structural engineer. His problem consists in determining what forces are to be resisted, and in providing the safest and most economical means of resisting those forces. The principal forces are of two kinds: vertical and horizontal. The vertical forces are the weight of the materials used in the construction, and the floor loads to be carried. The horizontal forces are the wind pressure and the earth pressure.

The structural design comprises the calculations, framing plans, foundation plan and specifications. Afterward the shop details follow as part of the steel contract, and these may either be made by the designing engineer or simply approved by him.

It would be possible to enlarge upon the various elements of the construction; to note, for instance, the changing styles of columns beginning with round and square cast iron columns; next the circular steel columns known as the Phoenix column, the Z-bar column, the channel column, the angle and plate column, the Gray column made of I-beams, the Latimer column, made of angles and batten plates, and the new H-shaped columns rolled at Bethlehem, Pennsylvania. Then we might note the various kinds of beams and girders, including plate girders, lattice girders and trusses of many varieties.

It would be interesting also to note the special conditions in certain buildings, as, for example, the New York Times building, with the subway station under it intercepting most of the columns, so that they must be carried on heavy girders to other columns situated outside the subway. Similar conditions obtain at the new Municipal building.

It would be interesting to discuss the properties and strength of materials, the fire-resisting qualities, the best way to protect steel from rust, the expansive effect of heat and the stresses in material due to it—the best type of construction to resist vibration and earthquake shock; the changes in the type of construction due to different heights of buildings, and the customary construction in different localities.

It would be interesting to note the investigation and tests conducted in our state universities and at Watertown arsenal, and the changes being made in the building laws of our cities on account of more definite knowledge.

Thus far we have limited our thought to steel skeleton construction. This is the only type suitable for very high buildings. It is also the most available type in the eastern cities for buildings of moderate height, say 10 stories and upward. In the east, short spans are the rule in the floor construction. Hollow tile arches are generally used. Hollow tile and steel are there plentiful and cheap.

In the west, conditions are different. The freight on steel from Pittsburg is \$16 per ton. The materials to make concrete are ready at hand. Cement, sand and gravel are plentiful and cheap, and this construction requires only about one-third as much steel as the other. We therefore find it more economical out here to use reinforced concrete. This construction is suitable for buildings to a height of about 12 stories, and that is probably about as high as it is profitable to build in Seattle as a general proposition.

The subject of reinforced concrete would require a lengthy discussion if one should undertake to describe and discuss the various patented systems, forms of reinforcing bars, etc. The theory is coming to be fairly well established, however, and we are able to design structures in this material with confidence and to build them economically.

Universal approval is accorded the "Ancient Monuments Act" passed by the recent Parliament in London, England. The late Lord Avebury led the way in bringing the subject to the notice of Parliament, and in 1882 Mr. Shaw-Lefevre (now Lord Eversley), as First Commissioner of Works in Mr. Gladstone's Government, passed the first Ancient Monuments Act. It extended only to monolithic and other prehistoric remains, and was purely permissive in its character. The owner of such a monument might place it in the guardianship of the Commissioner of Works, and it then became an offence on the part of anyone (including the owner) to injure or deface the monument. In 1900 these provisions were extended to any "structure, erection, or monument of historic or architectural interest," with the exception of a structure occupied (otherwise than for caretaking) as a dwelling

house, but the application of the Act still depended upon the consent of the owners of monuments.

The fabulous sums offered by Americans to transport ruins across the Atlantic has only been conjured up to raise the market value of ancient monuments. Another serious matter is the purchase of old structures to deposit it of its intrinsic value for the enrichment of modern buildings.

The London "Times" says it is obvious that in relation to such traffic the mere scheduling of monuments or any other arrangement devoid of some machinery for arresting destruction merely attracts the destroyer. Hence the existence of the Royal Commissions which have been at work for the last five years examining and scheduling the places of historic interest in England, Scotland and Wales, and which have already made valuable reports, is an additional reason for protective legislation. At the same time the Commissions form a nucleus for an authoritative advisory body to share with the Commissioners of Works the responsibility of restrictive action.

These considerations have been in the minds of the framers of the new Act, which not only amends but consolidates the existing law. In the first place, it authorizes the purchase of monuments either by the Commissioners of Works or by the Council of any county or borough, or the Common Council of the City of London; but such a purchase can be carried out only by agreement with the owner. The gift or devise of a monument to the same bodies is also authorized. The alternative machinery of guardianship is then provided, as in the existing Acts, and the effect of guardianship is explained.

By constituting the Commissioners of Works or the local authority guardians of his monument the owner does not divest himself of any right of property except that of destruction, active or passive; in other words, the guardians of the monument may restrain the owner from injuring it, and may, concurrently with the owner, do any work necessary to maintain and protect it.

So far the Act follows on previous lines, and can only be applied with the consent of the owner. On this stem is grafted the compulsory machinery of the Act. An Ancient Monuments Board, representative of the three Historic Monument Commissions, the Societies of Antiquaries of London and Scotland, and other artistic bodies, is to be constituted by the Commissioners of Works, and upon their report that any monument is in danger of destruction, removal or damage, and that the preservation of the monument is of national importance, the Commissioners may make a preservation order, placing the monument under their protection, and while such an order is in force the monument cannot be demolished, removed, added to, or altered without the consent of the Commissioners.

There is a further piece of machinery designed to keep the Commissioners of Works acquainted with the area of their work. They are, after notice to the owners, to prepare and publish a list of monuments of national importance, and when a monument is included in this list the owner must, under a penalty, give a month's notice to the Commissioners of any proposed

work of demolition, removal, alteration, or addition.

The influence of French legislation may be traced in the new Act. In France the grip of the State on buildings and remains of interest has long been effective. In the time of the great Napoleon, the acquisition of any private building merely to prevent its destruction was authorized, and in 1837 a Commission des Monuments Historiques was appointed with the Minister of Public Instruction and the Fine Arts as its president. In 1887 a registration of monuments was initiated, and powers of compulsory acquisition where the owner objected to registration, conferred. Nor is there any disposition to leave this machinery idle. Three general inspectors of historic monuments and a large staff of architects are attached to the Commissions, and the annual grant for the upkeep of monuments is substantial, amounting to as much as \$600,000 in one year.



RICHARD HERRING.

A Tribute to His Memory, By His Friend, James A. Wilson.

Seventy-two years ago, the Bow-bells in London Town rang out, and a child was born. The sound of the bells and the fact that he heard them, made Richard Herring a Cockney.

And he grew as most children do, and went to work and learned a trade, as all men should, and married, as all men ought to. This brought greater desires and ambitions and America became the Eldorado of his desires, and the day came in the early sixties when his friends assembled at the pier, on the shores of the British Isles, to say farewell to Dick, as he had become known, and there were handkerchiefs waving, smiling encouragement from those who wanted to send him on to the success which they knew he would achieve; and there were handkerchiefs wet with tears by those who dreaded the parting,—and the Bow-bells rang again and Dick was on his way. His passage was safe, and his arrival in a strange country caused him little occasion for worry, for he was always self-reliant. His selection of San

Francisco as his permanent home was not surprising, and his activities here are a part of the history of the City in the actual building of the Western metropolis.

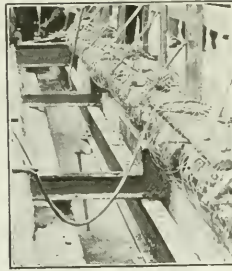
He went into the mill business and by energy and honesty of purpose, built up a reputation which his successors can well be proud of. The Mill Owners Association honored him by electing him their president.

The Builders' Exchange soon noticed his business ability and for many years elected him again and again as one of the directors and finally made him vice-president.

In fraternal orders he has had many honors. He was honored and respected by all who knew him, and many, many there are who knew Dick Herring.

A few days ago the friends he had made in this new world assembled at the pier of the shores of Time, and the same good-byes were said, though there was no waving of handkerchiefs.

The Bow-bells, the Bow-bells of Eternity rang, and Dick heard them.



SHOWING HOW THE BEAMS WERE CUT.

Anything to burn must be heated in the presence of oxygen. Steel, for example, requires a very high temperature, and the more directly the oxygen is supplied the more rapidly will it burn. Intimate contact with pure oxygen, rather than air, in which the oxygen is greatly diluted with nitrogen, will hasten the starting and increase the rate of the combustion. The cutting of steel by this process has become commercially practical only since there have been available torches giving a flame of sufficient heat intensity, such as the Oxy-Acetylene torch, the flame of which has a temperature of 6300 deg. F. After the steel to be cut is heated to the melting point, a special supply of oxygen under higher pressure than that used for the torch flame is delivered through a separate outlet close to the flame jet. By moving the torch along at proper speed a smooth cut is obtained by burning that can be made practically as deep and narrow as one made by a tool, due to the localization of heat possible with the very high temperature. The metal disappearing from the cut is in a great measure combined with the oxygen to form oxide of iron, passing off in the form of fine particles. The carbon goes off as carbon monoxide or carbon dioxide. These are both gases and so pass off into the atmosphere. A part of the metal runs out of the cut in molten condition but is still iron. Cast iron cannot be cut. The materials to which the cutting process is applied are commercial wrought iron and steel. Steel can be cut in any form, whether rolled, forged, or cast, and very thick sections as well as thin ones. Steel 6 inches thick can be cut at the rate of about one foot in three minutes.

By this same process cast iron, steel, bronze, etc., are welded.—Concrete mixer parts, shear castings and many other implements used by contractors and builders could just as well be repaired in this way as to be thrown in the junk heap. A casting when welded by a skillful operator is just as strong as when new. The prices for welding depends upon the nature of the break and for cutting so much per square inch or about half the cost of sawing.

This work is done under the supervision of H. Sanders and W. S. Evans who before entering this business in San Francisco, were employed by a large Eastern engineering concern. Sanders manages the cutting and outside work and Evans manages the shop and welding end of it.



CUTTING STEEL BEAMS BY OXY-ACETYLENE PROCESS.

The above picture shows one of the men connected with the Oxy-Acetylene Welding Company, 675 Golden Gate Ave., making a cut in an 18 inch "I" beam on the sidewalk of the First National Bank Building. In this job there are two "I" beams close together packed solid with concrete. Many of the contractors have noticed with interest the remarkable work done by this concern in cutting beams on Montgomery street. By their process they are able to make a cut against concrete, and in many cases where a cut by other means could not be made.

In many cases their men are sent out at night to do this work. Recently they cut 125 feet of steel off the first story of a building being erected at Battery and Halleck streets. This job consisted of eight strips of boiler plate, each plate 16 feet long of ¾ inch stock. The work was done at night so as to save the contractor from delaying his regular work.

The Scientific American lately offered a prize for the best essay on what are the Ten Greatest Inventions of our time. By our time was defined to mean within the last twenty-five years. Only such inventions were included as were most revolutionary in their character and in the broadest fields, which affected our mode of living or which opened up the largest new sources of wealth.

The lists that the competitors in this contest submitted showed a wide diversity of opinion. No two competitors selected the same set of inventions. Only one invention, that of wireless telegraphy, was conceded by all to be among the ten greatest.

The essay that was awarded the first prize gives the following list with their approximate date of successful commercial introduction: (1) Electric furnace, 1889; (2) steam turbine, 1894; (3) gasoline automobile, 1890; (4) moving pictures, 1893; (5) wireless telegraphy, 1900; (6) aeroplane, 1906; (7) cyanide process, 1890; (8) linotype machine, 1890; (9) induction motor, 1890; (10) electric welding, 1889.

While no single inventions of the last twenty-five years initiated an industrial epoch in the sense that the locomotive and the Bessemer converter did, yet no similar period of time has been so prolific in the really wonderful fruits of invention. Man has been able to fly, the dream of all ages. Opaque objects have been rendered transparent, communication has been established between distant points without any material communicating means. It has been a mechanical age and so prolific in wonderful inventions that it is not strange that experts like those who competed in the contest should entirely disagree except as to one single invention out of ten.

And this reminds us that the vast machinery hall now being completed in the Exposition Grounds will house these great inventions. Here the great development during the last twenty or twenty-five years will be displayed. And there will be the demonstration of the world's progress at the present time which mark the last word in the story of applied mechanics and the mechanical arts.

The elections in New York and in the East have mainly been along the lines of the progressive cause. Tammany after having humiliated and impeached Sulzer is itself defeated. The control of the New York legislature has passed into the hands of the Republicans. New York City has beaten the Tammany candidate for Mayor. So that there is generally a revolt against the old time political methods as evidenced in Tuesday's election.

In order to accomplish Sulzer's downfall it was necessary for Tammany to come out in the open. As a result Boss Murphy laid himself open to attack and the result has been an over whelming defeat.

In New Jersey President Wilson has been upheld. In Massachusetts the democratic candidate was elected, the Republican vote being divided between the Progressive candidate and old line organization, with the Progressives polling the larger number of votes.

So that taken all together the elections show that the Progressives of both parties have won and the reactionaries have lost.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 2 story and base, frame. Cost not stated. Architects, Havens & Toepke, 6 Kearny street, S. F. Owners, Cuneo state. The building will be erected at the intersection of Powell, Union and Columbus avenue and will cover a considerable area. The first floor has been arranged for nine stores and upper floor for a number of living apartments of two and three rooms. Interior finish will be of pine with elm panels. All suites will have wall beds and private bath rooms. A central heating system and hot water plant will be installed. Stores will have large plate glass windows and metal store fronts. Exterior of the building will probably be faced with cement plaster on metal lath and shiplap. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 2 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Nubbe. This building will be erected at 951½ McAllister street and has been designed to contain six suites of two and three rooms. All apartments will have wall beds and private baths. Interior finish will be of pine, elm panels and some hardwood floors. Plans provide for a central heating system and hot water plant. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$12,000. Architect, David C. Coleman, Merchants' National Bank Bldg. Owner, I. Friedman. The building will be erected on the east side of Dolores street south of Railroad avenue and will cover an area of 38 feet by 75 feet. Interior will be arranged for 12 suites, all of which will have wall beds and private baths. Pine and redwood will be used for interior finish. Bath rooms will have tile wainscot. A hot water system will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and a contract will be let within a few days.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$13,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. This work has been mentioned here a number of times before when plans were first started. The building will be erected on the east side of Taylor street near Clay and has been arranged to contain 2 suites of four rooms and bath each. Interior will be finished in pine, elm panels and hardwood. There will be team heat, elevator service and a vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Wall beds will be used in all suites. Tile and marble will be used in the entrance. Exterior of the building will be covered with rustic, cement plaster on metal lath and a brick veneer base. Plans have been put up for figures and a general contract will be awarded at once.

SAN FRANCISCO—Apartment house, 2 story and base, brick and steel. Cost

not stated. Architect's name not given. Owners, Lachman Bros., 2019 Mission street. The building will be erected on the southeast side of Mission street between 16th and 17th streets and will cover an area of 60 by 105 feet. The first floor will be arranged for stores and upper floors will contain a number of well arranged apartments of two and three rooms. All suites will have private bath rooms and wall beds. Interior finish will be of pine throughout. There will be steam heat, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and a permit has been applied for.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, John Curson, Bacon Bldg., Oakland. Owner, E. R. Lamb. The building will contain six suites of four rooms and bath each. Interior finish will be of pine with some elm panels and hardwood floors. A central heating system, probably hot air, will be installed. All rooms will be supplied with hot and cold running water. There will be private bath rooms and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster on metal lath and shiplap. Plans are now being prepared and when complete the work will be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick, \$10,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, S. G. Banghman. The building will be erected at the corner of 1st and Western avenue and has been designed for a high class picture show on the first floor and a number of modern living apartments on the upper floor. Interior will be finished in pine and elm panels. Gas steam radiators will be used for heat. All suites will have wall beds and private bath rooms. The floors and vitulite will be used in the lobby and bath rooms. Interior of the picture show will be handsomely finished. Modern ventilation is provided. Exterior of the building will be faced with white enameled pressed brick. Plans are being prepared.

EVERETT, WASH.—Apartment house, 2 story and base, frame, \$10,000. Architect, W. W. Hastings, Everett. Owner, James E. Gowen. The building will be erected at the corner of Wall and Hoyt streets and will contain a number of well arranged apartments with wall beds and private baths. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living rooms and entrance lobby and halls. There will be a hot water system of heating. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be let on a percentage basis.

Contracts Awarded.

IMPERIAL, IMPERIAL CO., CAL.—Apartment house, 2 story and base, brick, \$43,000. Architects, Noe and Spencer, Union League Bldg., L. A. Owners, Imperial Valley Syndicate. Contractors, Hunziker and Berger, Hollingsworth Bldg., L. A. Contract price, \$43,000.

—BRIDGES—

SAN ANDREAS, CALAVERAS CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, C. E. Cotton, San Andreas. Owners, Calaveras County. Plans have been completed and have received the approval of the Board of Supervisors for a reinforced concrete road bridge which will be erected at San Andreas. Bids are now being called for on the work and will be opened by the Board of Supervisors on November 18th. Plans and specifications can be secured from the County Clerk at San Andreas.

VERNON, LOS ANGELES CO., CAL.—Bridge, steel and concrete, \$25,000. Engineer, F. Dupuy, Pacific Electric Bldg., L. A. Owners, City of Vernon. Plans have been completed and have received the approval of the City Trustees for the construction of a highway bridge across the Los Angeles River at San Antonia avenue. The structure will be 25 feet wide with a 20 foot roadway and 5 foot walk. There will be three 80 foot spans. Plans can be secured from either the engineer or from T. J. Furlong, City Clerk. Bids will be opened on November 18th.

CHURCHES.

FRESNO, FRESNO CO., CAL.—Church 2 story and base, brick and steel, \$20,000. Architect, Henry F. Starbuck, Fresno. Owners, Armenian Holy Trinity Church. The building will be erected at the corner of Ventura and M streets covering a considerable ground area. Interior has been arranged for a main auditorium and gallery seating 1000 people. Basement will contain class rooms, study hall and social rooms. Interior finish will be of pine with a mahogany and marble sanctuary. There will be a central heating system. Art glass will be used in the windows and also in a large dome. Exterior of the building will be faced with cement plaster trimmed with granite and large granite columns. Plans are complete and figures are being taken on the work.

LOS ANGELES, CAL.—Church, 2 story and base, Class A construction, \$250,000 to \$300,000. Architects, Austin and Pennell, Wright and Callender Bldg., L. A. Owners, First Methodist Church of Los Angeles. A new site has been secured for this building at the Southwest corner of 8th and Hope streets and the architects were formally commissioned at the last meeting of the Building Committee. The site is 156 by 200 feet and the new edifice will cover the entire area. Construction will be Class A throughout. Preliminary plans will be submitted to the trustees at their next meeting. No details of the building can be given out at this time.

LOS ANGELES, CAL.—Church, 1 story and base, frame. Cost not stated. Architect, Montrose Warn, 3126 Winter street, L. A. Owners, West Fifty-fourth street Methodist Church. The building

will be erected on a corner site and will cover an area of 30 by 48 feet. Plans provide for a main auditorium, Sunday School rooms and Epworth League rooms. Interior will be finished in pine throughout. The exterior of the building will be covered with rustic. A shingle roof is specified. Plans are complete and work will be done by Day Labor.

Contracts Awarded.

SAN FRANCISCO—Church, 2 story and base, Class A construction, \$100,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Joseph's Church. Contractors, W. F. Vitt Electric Co., electric work. Contract price, \$1,435.

LOS ANGELES, CAL.—Church addition, 1 story and base, frame, \$6,000. Architect, A. B. Benton, 114 North Spring street, L. A. Owners, Church of the Epiphany. Contractor, W. R. Phelps, L. A. Contract price, \$6,000.

COURT HOUSES.

LOS ANGELES, CAL.—City hall addition, 1 story brick and steel, \$18,000. Architect, J. J. Backus, City Hall Los Angeles. Owners, City of Los Angeles. Architect Backus has been commissioned to prepare plans for an addition of one story to the present two story City Hall annex. Construction will be of brick and steel. Interior will be finished in pine throughout. Elevator service will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared.

KELLOGG, IDAHO—City hall and jail, 2 story and base, reinforced concrete. Cost not stated. Architect, L. R. Stritisky, Spokane. Owners, City of Kellogg. The building will be designed in the classic style and will cover a considerable area. Plans provide for a building housing all city departments including the fire department and city jail. Interior will be finished in pine throughout. There will be special jail equipment. A steam heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FACTORIES & WAREHOUSES.

NAPA, NAPA CO., CAL.—Laundry building, 1 story and base, reinforced concrete and frame. Cost not stated. Architect, State Architect George B. McDougal, Sacramento. Owners, State of California. Plans and specifications for a new laundry building which is to be erected at the Napa State Hospital have been completed and have received the approval of the State Board of Control. Bids are now being called for and will be opened by the State Board of Control on November 25th. Plans can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

SEATTLE, WASH.—Factory addition, 1 story and base, brick, \$25,000. Architect, Carl Siebrand, Arcade Bldg., Seattle. Owners, Seattle Brewing and Malting Co. This building has been designed for a four story structure but only the first story will be erected at this time. The building will contain the bottling works and a cooperage shop. The structure is to cover an area of 50 by 200 feet. Interior finish will be of pine. Exterior of the building will be faced with pressed brick.

Plans are complete and in the hands of James Horton, Supt. of Buildings for the Seattle Brewing and Malting Co., and the work will be done by Day Labor.

Contracts Awarded.

COMPTON, LOS ANGELES CO., CAL.—Factory, 1 story and base, brick and concrete, \$21,026. Architect's name not given. Owners, Panama Rubber Co., Los Angeles Investment Bldg. Contractors, Hunsberger-Ried Co., Van Nuys Bldg., L. A. Contract price, \$21,026.

LOS ANGELES, CAL.—Warehouse, 4 story and base, brick and steel, \$20,480. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Barker Bros. Contractors, Alpetter, Hall and Alpetter, Ferguson Bldg., L. A., general construction except plumbing, electric work and elevators. Contract price, \$20,480.

LOS ANGELES, CAL.—Warehouse, 4 story and base, brick and steel, \$20,480. Architects, Morgan, Walls and Morgan, Van Nuys Bldg., L. A. Owners, Barker Bros. Contractors, Alpetter, Hall & Alpetter, Ferguson Bldg., L. A., general construction except plumbing, electric work and elevators. Contract price, \$20,480.

will be of pine throughout. Exterior of the structure will be faced with brick. Plans are complete and figures are being taken. Bids will be opened about November 20th.

Contracts Awarded.

OAKLAND, CAL.—Garage, 1 story and base, brick and steel, \$10,300. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, F. W. Taylor. Contractors, Finley and Seaholm, brick work only. Contract price, \$3,100; George G. Kneppier and H. J. Horst, Alameda, general carpentry work. Contract price, \$7,200.

BAKERSFIELD, KERN CO., CAL.—Garage, 1 story and base, brick and steel, \$15,000. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Erb and Drury. Contractor C. D. Brown, 1660 P street, Bakersfield. Contract price, \$15,000.

FLATS.

Contracts Awarded.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mary Wagner. Contractor, J. Eric Johanson, 2726 20th street, S. F. Contract price, \$7,000.

GARAGES.

OAKLAND, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, H. O. Harrison Co. The building will be erected on the east side of Broadway between 29th and 30th streets, covering a considerable ground area. Front portion of the building will be handsomely finished in pine, hardwood and tile. Rear portion will contain the repair shop and shipping department. There will be a tile floor and considerable marble work. Plans call for metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

EVERETT, WASH.—garage, 1 story and base, reinforced concrete. Cost not stated. Architect, W. W. Hastings, Everett. Owners, Haley-Sherlon. The building will be erected at the corner of Colby and California streets and will be practically fireproof in construction. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened about November 20th.

EVERETT, WASH.—Garages, 2 story and base, reinforced concrete. Cost not stated. Architect, W. W. Hastings, Everett. Owner, John Ganso, Everett Sales Co. The building will be practically fireproof and will cover a large ground area. A site at the corner of Rucker and Pacific streets has been secured. Besides the usual garage garage fittings the buildings will contain two elevators, special gasoline tanks, metal window sash and frames and a cement floor. Interior finish

GOVERNMENT WORK AND SUPPLIES.

Pocatello, Idaho, Public Building.

All bids received by the Supervising Architect for the construction of the public building at Pocatello, Idaho, have been rejected.

Grass Valley, Cal., Public Building.

All bids received for the construction and completion of the United States public building at Grass Valley, Cal., have been rejected.

Reclamation Work.

The secretary of the interior has authorized the expenditure of \$70,000 in the extension of the canal and lateral system, Yuma irrigation project, Arizona-California. The work will bring a considerable additional area under ditch, for which the main canals have already been constructed. The land which will be served by the new ditches has all been filed upon.

Drinking Fountains.

The following communication has been forwarded by the general purchasing officer of the Isthmian Canal Commission to manufacturers of drinking fountains:

Sirs: The commission is considering the question of installing drinking fountains in the permanent shops which are being constructed at Balboa in order to do away with the water coolers, which have been used up to the present time. The general requirements for these fountains will be approximately as follows:

A rough estimate in this office would call for approximately 100 fountains. Each of the larger buildings will be equipped with at least four fountains. They will be situated on the corners of a rectangle about 175 feet by 60 feet. The fountains themselves should be of iron, porcelain-covered, so fitted that the water will not run continuously, but will only bubble up when a control valve is opened. The supply will be led, and it is particularly desired to obtain information in regard to some type of equipment which will allow the use of large blocks of ice which, however, do not come in contact with the water itself. This would

mean that the coils through which the water circulates must be very carefully protected from damage. It is possible, however, that a satisfactory equipment could be supplied in which the ice is placed directly in the water supply. Information in regard to the necessary pressure for satisfactory operation of the fountain is desired, as in the case of the ice being placed in the drinking water it might possibly be necessary to seal the tanks after ice had been put in them in order to connect them to the regular pressure in the water mains. This arrangement, however, is not desirable. As complete information as can be supplied is requested and the installation need not conform entirely to the above outline. Any type which will permit of cooling the water before delivering it to a drinking fountain will be considered. It is preferred that the cooling tank or coils, if provided separately, be connected directly and continuously to service water mains. Will you kindly submit to this office, in triplicate, complete data in line with above as to fountains made by your company, together with estimates of the cost of the apparatus delivered at our New York warehouse; also stating if possible approximately the time which would be required for delivery. The more complete data supplied by you the better it will serve the purposes for which required. Your reply with the data you intend to supply should be in this office at an early date. Very respectfully, E. C. Dole, acting general purchasing officer.

Seat Rings for Balanced Valves.

The following bids were opened by the U. S. reclamation service, Los Angeles, Cal., for furnishing seat rings or balanced valves, Salt river project, Arizona:

Item 1, 6 seat rings for balanced valves; 2, 48 cap screws for same.

Llewellyn Iron Works, Los Angeles, Cal., item 1, \$997.50; 2, \$72; time, 16 days.

Acme Brass Works, Los Angeles, Cal., item 1, \$1,070; 2, \$49; time, 20 days.

Pulton Engine Works, Los Angeles, Cal., for both items, \$2,125, in 14 days, or \$1,655, in 30 days.

33,000-Volt Wall Brushes.

The following bids were received by the engineer of the U. S. reclamation service, Los Angeles, Cal., for furnishing three 33,000-volt wall brushes for the Burley substation:

Westinghouse Electric and Mfg. Co., Los Angeles, Cal., \$14.94; 2 weeks, at East Pittsburgh.

Western Electric Co., Los Angeles, Cal., \$14.94; 12 days, at East Liverpool, Ohio.

Pacific States Electric Co., Los Angeles, Cal., \$14.94; 4 weeks, East Liverpool.

Douglas, Wyo., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, including mechanical equipment, interior lighting fixtures, and approaches, of the U. S. post office at Douglas, Wyo.:
W. D. Lovell, Minneapolis, Minn., \$61,990.

J. F. Jenkins & Co., Ocala, Fla., \$61,950.

Puget Sound, Pier No. 8.

The contract for creosoted pile and timber extension to pier No. 8 at the Puget Sound navy yard, bids for which were opened Sept. 13, has been awarded to J. A. McEachern Co., Seattle, Washington, at \$9,865.

Casper, Wyo., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Caspar, Wyo.:

Bid 1. A. A. Matschman, Paragould, Ark.

2. W. D. Lovell, Minneapolis, Minn.

3. J. F. Jenkins & Co., Ocala, Fla.

4. Wm. D. O'Neil & Son Co., Fribault, Minn.

5. Ed. Krep, 3428 Bryant street, Denver, Colo.

For using limestone for all stonework, except where granite is required—

Bid 1, \$52,980; 2, \$53,445; 3, \$54,000; 4, \$57,659; 5, \$59,840.

For using Newcastle (Wyo.) white sandstone for all stonework, except where granite is required—

Bid 5, \$59,952.

For alternate No. 1 (substituting Keene's cement for hard plaster in connection with all walls, as specified), add—

Bid 1, \$300; 2, \$700; 3, \$500; 4, \$450; 5, \$375.

For alternate No. 2 (painting plaster surface of finished rooms throughout the building, as specified), add—

Bid 1, \$300; 2, \$1,000; 3, \$800; 4, \$1,150; 5, \$861.

For alternate No. 3 (substituting terra cotta for wood cornice, tin parapet coping, and stone keys, as specified), add—

Bid 1, \$2,250; 2, \$4,250; 3, \$4,000; 4, \$4,200; 5, \$2,275.

For alternate No. 4 (omitting cupola, as specified), deduct—

Bid 1, \$150; 2, \$250; 3, \$350; 4, \$200; 5, \$100.

For alternate No. 5 (for omission of certain cement coping, etc., as specified), deduct—

Bid 1, \$300; 2, \$500; 3, \$375; 4, \$275; 5, \$1,200.

For alternate No. 6 (for omission of certain copings, etc., and substituting macadam for concrete driveway inside of lot lines as specified) deduct—

Bid 1, \$700; 2, \$900; 3, \$400; 4, \$500; 5, \$800.

For alternate No. 7 (substituting 3-inch radius cove for all interior plaster cornices), deduct—

Bid 1, \$500; 2, \$175; 3, \$600; 4, \$200; 5, \$600.

For alternate No. 8 (changing design of main entrance steps, etc., as specified), deduct—

Bid 1, \$150; 2, \$250; 3, \$140; 4, \$225; 5, \$450.

For alternate No. 9 (covering walls, cornice, etc., of mailing vestibule with galvanized sheet metal, as specified), add—

Bid 1, \$85; 2, \$250; 3, \$150; 4, \$250; 5, \$75.

Amount included in the proposal for all work specified under "lighting fixtures"—

Bid 1, \$750; 2, \$650; 3, \$615; 4, \$1,150; 5, \$1,018.

Canal Circular 804-A.

An advertisement appears elsewhere in this issue calling for bids to be opened November 3 for furnishing supplies under circular 804-A, as follows:

Class 1. 34 heavy vitreous lavatories, 12 slop sinks, 30 urinals, 46 siphon jet closets, and 3 water closets.

Class 2. 25 transformers.

Class 3. 20,000 ft. stage cable.

Class 4. 100,000 ft. weatherproof copper wire.

Class 5. 1,400 inclosed fuses.

Class 6. 2,000 flat porcelain shades.

Class 7. 1,000 lbs. friction tape.

Class 8. 30,000 ft. white oak flooring.

Oil-Drying Outfit.

The following bid was received October 18 at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing an oil-drying and purifying outfit for the Minidoka project under advertisement No. 242:

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., type A outfit, \$362.88; oven, \$64.80; including 3 reams filler paper, handles 10 to 12 gals. per minute; paper, \$5.03 per ream of 41 lbs.; type B outfit, \$246.24; oven, \$51.84, including 2 reams filler paper, handles, 2x3 gals. per minute; paper, \$1.95 per ream of 13 lbs.; delivery f. o. b. Pittsburgh in 10 days.

Steel Tugs for Panama Canal Entrances.

The Isthmian Canal Commission expects to advertise in the near future for bids for furnishing four sea-going steel tugs for handling and docking vessels at the entrances to the Panama Canal. These tug boats are to be of extra-heavy construction. The approximate dimensions are: Length overall, 128 feet; beam, 30 feet; depth, 17 feet, and mean draft, 14 feet. It has not yet been decided what the horsepower of each of the tugs will be nor what make of boiler will be used. The tugs are to be equipped, however, with all usual auxiliaries of a vessel for the service intended, including extra-large steam steering gear, electric-light plant, etc.; also a refrigerating plant, and provided with cabin accommodations for a crew of 14 men. The specifications are still in course of preparation in the office of the Isthmian Canal Commission on the Isthmus of Panama.

Piping for Arrow Rock Dam.

The following bids were opened under advertisement No. 232 at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing air bent and control piping for Arrow Rock dam, Boise project:

Bid 1. Rosedale Foundry & Machine Co., Pittsburgh, Pa.

2. U. S. Cast Iron Pipe Co., San Francisco, Cal.

3. Advance Machine Co., Los Angeles, Cal.

4. Queen City Foundry Co., Denver, Colo.

5. Union Machine Co., San Francisco, Cal.

6. Pittsburgh Valve Foundry & Construction Co., Pittsburgh, Pa.

7. Minneapolis Steel & Machinery Co., Minneapolis, Minn.

8. Independent Foundry Co., Portland, Oreg.

Shipping point—Bid 1, Pittsburgh, Pa.; 2, Bessemer, Ala.; 3, Los Angeles, Cal.; 4, Denver, Colo.; 5, San Francisco, Cal.; 6, Pittsburgh, Pa.; 7, Minneapolis, Minn.; 8, Portland, Oreg.

Item 1. Bell-mouth terminals—Bid 1, \$119, 40 days; 2, \$212, 30 days; 3, \$148, 35 days; 4, \$153.50, 30 days; 5, \$165.50, 45 days; 6, \$258, 25 days; 7, \$317.93, 30 days; 8, \$1,576, on original 91 terminals asked for, 30 days.

Weight—Bid 2, 1,620 lbs; 3, 1,200; 4, 1,350; 5, 1,100; 6, 2,100; 7, 1,363; 8, 19,550.

Item 2. Air vent units—Bid 1, \$360, 40 days; 2, \$163.98, 20 days; 3, \$354, 28 days; 4, \$265.50, 30 days; 5, \$375, 45 days; 6, \$348, 35 days; 7, \$236.45, 30 days; 8, \$250, 20 days.

Weight—Bid 1, 5,600 lbs; 2, 6,900; 3, 3,260; 4, 5,760; 5, 6,500; 6, 7,400; 7, 5,052; 8, 6,000.

Item 3. 4-in. control pipe units—Bid 1, \$610, 50 days; 2, \$262.50, 30 days; 3, \$325.90, 56 days; 4, \$412.50, 30 days; 5, \$505.50, 45 days; 6, \$560, 45 days; 7, \$412.71, 30 days; 8, \$265, 10 days.

Weight—Bid 1, 10,200 lbs; 2, 9,100; 3, 8,540; 4, 9,100; 5, 9,240; 6, 11,200; 7, 8,596; 8, 7,100.

HALLS AND SOCIETY BUILDINGS.

SAN MATEO, SAN MATEO CO., CAL.—City hall, 2 story and base, brick or reinforced concrete, \$40,000. Architects, Havens and Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. The architects have just been commissioned to prepare plans for this building and complete details are now available. The structure will be designed in the classic style and will be as near fireproof as the amount available will permit. Plans are to be so arranged that the building will house all the city offices including the police and a part of the city fire department. Several fireproof vaults will be installed. Interior finish will probably be of pine and hardwood. A large council chamber is to occupy a large portion of the second floor. There will be steam heat. Exterior of the building will be faced with either pressed brick or cement plaster. Further mention will be made of the work as plans progress.

BAKERSFIELD, KERN CO., CAL.—City hall alterations, interior and exterior work and heating, \$27,000. Architect, Thomas B. Wiseman, Producers' Bank Bldg., Bakersfield. Owners, City of Bakersfield. The city has purchased the old County Court house and have had plans prepared for the alteration of the building into a modern City Hall. This work will include hollow tile interior partitions, plastering, metal ceilings, new floors, interior finish, plumbing, heating and electric work. Plans are complete and figures are now being taken. Bids will be opened by the City Council on November 18th. Plans and specifications can be secured from C. F. Murdoch City Clerk, Bakersfield, or from the architect.

HOSPITALS.

SAN FRANCISCO—Hospital group, 8 story and base, Class A construction, \$600,000. Architect, Lewis P. Hohart, Crocker Bldg., S. F. Owners, University of California. The building will be erected on the heights back of the Affiliated Colleges. This structure will cost over \$600,000 and has been made possible by contributions from John M. Keith, \$150,000; William H. Crocker, \$50,000; Mrs. Harriet Alexander, \$50,000; Templeton Crocker, \$25,000; Mrs. Malcolm Whitman \$25,000; George Hlanding, \$25,000 and Mrs. F. W. Sharon, \$25,000, besides a large number of smaller amounts from others whose names have not been given out. The building will be eight stories high and of an ornamental design. Con-

struction will be started early in February. Full particulars are not available at this time and will be given later.

ELDRIDGE, SONOMA CO., CAL.—Nursery building, 2 story and base, frame. Cost not stated. Architect, George B. McDougal, Sacramento. Owners, State of California. The plans for this building which is to be erected at the Sonoma State Home has been designed for a nursery building for males. Interior finish will be of pine throughout. Plans have been approved and bids are now being called. Figures will be opened by the State Board of Control on November 26th. Plans can be secured from the State Department of Engineering at Sacramento. An official proposal appears in another column of this issue.

SAN RAFAEL, MARIN CO., CAL.—Infirmary building heating. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, Marin County. All bids received at the last meeting of the Board of Supervisors for the heating and ventilating in the new County Infirmary were rejected as being above the amount available. The work has been readvertised and new figures will be opened on November 17th. The following is a complete list of the bids received:

J. M. Leppich	\$4,780
Kiernan and O'Brien	4,693
Atlas Heating & Ventilating Co.,	4,990
R. Kinsella	4,873
J. R. Hurley Co.	4,688

Contracts Awarded.

SAN FRANCISCO—Nurses' Home, 4 story and base, Class A construction. Architects, Ward and Blohme, Alaska Commercial Bldg., S. F. Owners, Children's Hospital. Contractor, J. W. Cobby, 180 Jessie street, S. F., general construction. Contract price \$20,000.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$25,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on California street near Kearny and will have a frontage of 46½ feet by a depth of 56 feet. Plans provide for a total of 50 guest rooms besides a large lobby, office, parlors, public dining room and kitchen. Interior finish will be of pine and redwood with some hardwood veneer. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Considerable tile and marble will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within a few days.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel, \$35,000. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner, Harry Rosenberg. The building will be erected on the west side of Hyde street between Sutter and Bush streets and will have a frontage of 40 feet and a depth of 127 feet. There will be a large lobby and parlors on the first floor besides a number of guest rooms. Upper floors will be subdivided into 68 guest rooms and a number of public and private baths. Interior finish will be largely of pine with some hardwood veneer. Plans provide for steam heat, elevator service, vacuum cleaning system and hot

water supply. Bath rooms will have composition floors and tile wainscot. Marble an dille and ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Hotel, 10 story and base, Class A construction. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the down town district but the exact location is withheld for the present. Plans provide for a total of 50 guest rooms, large lobby, office, parlors and public dining room. Construction will be fireproof throughout, with steel frame, reinforced concrete walls and floors and interior partitions of hollow tile or metal lath and plaster. Interior will be finished in pine and hardwoods. All best rooms will have private baths which will be finished in tile. There will be steam heat, elevator service, a vacuum cleaning system and other modern conveniences. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Further information will be given shortly.

OAKLAND, CAL.—Hotel and stores, 3 story and base, brick and steel, \$35,000. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owner, R. G. Ellis. The building will be erected at the southwest corner of 10th and Franklin streets. The first floor will be arranged for a number of stores besides the entrance to the hotel. Upper floors will contain in the neighborhood of 75 guest rooms and a number of public and private baths. Interior finish will be of pine and redwood with some elm panels. There will be steam heat and a hot water plant. Bath rooms will have composition floors and tile wainscot. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the contractors for figures. A contract will be awarded shortly.

Contracts Awarded.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Hotel, 3 story and base, Class B construction, reinforced concrete type, \$50,000. Architects, Havens and Toepke, 46 Kearny street, S. F. Owners, South San Francisco Land and Improvement Co. Contractors, Thomas Days' Sons, Sharon Bldg., S. F. Contract price, \$50,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$31,200. Architects, Richards-Neustadt Const' Co., Wright and Callender Bldg., L. A. Owner, Newton E. Cramer. Contractors, Willard Slater Co., 2314 Santa Fe ave., L. A., general construction. Contract price, \$31,200.

LIBRARIES.

WATTS, LOS ANGELES CO., CAL.—Library, 1 story and base, brick and reinforced concrete, \$10,000. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owners, City of Watts. Plans have been approved by the Carnegie Library Corporation for the new building to be erected at Watts. The structure is classic in design and will cover an area of 30 by 70 feet. Plans provide for two reading rooms, a large stack room, librarian's office and lavatories. Interior will be finished in pine and hardwood. There will be a central heating system and

vacuum cleanings. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. P. F. Adelsbach is secretary of the Library Board. Plans can be secured from him or from the architect.

GLENDALE, LOS ANGELES CO., CAL.—Library, 1 story and base, brick and concrete, \$10,457. Architect, Paul V. Tuttle, Delta Bldg., L. A. Owners, City of Glendale. T. H. Addison, 316 Belmont street, Glendale, submitted the lowest bid for this work. All figures were referred to the Library Committee. An award of contract will be made this week.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Structural steel and iron work. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications have been completed and approved for furnishing, fabricating and erecting of the structural steel and iron work for the main entrance tower of the exposition. Bids for this work are now being taken and will be opened by the Buildings and Grounds Committee on November 28th. An official proposal appears in another column of this issue. Plans and specifications can be secured from the Director of Works.

SAN FRANCISCO—Court of Honor, general construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on November 20th by the Buildings and Grounds Committee for the general construction of the Court of Honor, one of the largest buildings on the exposition grounds. Plans and full particulars of this work can be secured from the Director of Works. An official proposal appears under another heading in this issue.

SAN FRANCISCO—State Building, concrete and frame construction. Cost not stated. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Architect Heide, who has recently opened offices in this city, has been commissioned by the State of Washington to prepare plans for the two state exhibit buildings which are to be erected at the Panama-Pacific International Exposition in this city, and also for the building which will be erected by the state of Washington at San Diego. Details of this work have not been determined upon and pending the time when action is taken on granting a larger site to the state of Washington no information can be given. It is expected that a considerably larger appropriation will be made for the building in this city than was originally planned. Further mention will be made as the work progresses.

RAILROAD CONSTRUCTION—AND EQUIPMENT.

SAN FRANCISCO—Railroad track construction, \$30,000. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans and specifications have been completed and have gone to the War Department at Washington for approval for construction on a standard gauge track at the Transport

Docks connecting with the Belt Line Railroad of the State Board of Harbor Commissioners. The track will be 5,100 feet long, carried on 114 pound rails and 127 pound guard rails. Redwood ties and crushed roadbed will be used. Bids will not be called for until the plans have received the approval of the War Department. Notice will be given in these columns when bids are called.

RESIDENCES.

SAN FRANCISCO—Residences, 2 1/2 story and base, frame, \$2,300 each. Architect, none. Owner, B. J. Hooper, 450 12th avenue, S. F. These houses will be erected on the east side of 19th avenue south of Anza street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with hardwood floors in the living rooms, dining rooms and reception halls. There will be large open fire places in the living rooms and brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Cleve Carson and Son, 219 32nd ave., S. F. The house, which has been designed for a seven room dwelling, will be erected on Castaneda avenue west of San Marcus. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and a composition floor. An automatic water heater will also be installed. Exterior of the house will be covered with cement plaster on metal lath. Work will be done by Day Labor and all materials are now being purchased.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$35,000. Architect Willis Polk, Merchants' Exchange Bldg., S. F. Owner, Mrs. Katherine P. Hooker. The house will be erected on the south side of Pacific avenue west of Walnut and has been designed for a modern city home. The dwelling will contain in the neighborhood of 14 rooms, several baths and sleeping porches. A private garage will also be erected on the lot. The interior of the house will be handsomely finished in hardwoods and white enamel. Hardwood floors will be used throughout except in the baths which will have tile floors and wainscot. Marble and tile will also be used in the butler's pantry. There will be steam heat and open fire places. Mantels will be of tile and brick. Entrance will be finished in marble. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,600. Architect, Joseph Cohen, 45 Kearny street, S. F. Owner Mrs. Harris. The dwelling, designed for a six room house, will be erected on Clifford street in the Ashbury Heights district. Interior will be

finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Plans provide for furnace heat. There will be tile wainscot in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Pans are being prepared.

SAN FRANCISCO—Residences, 2 2-story and base, frame, \$7,000 each. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Matthew A. Little, 1347 4th avenue, S. F. These houses will be erected on the west side of 18th avenue north of Lake street and each has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Clay tile roofs will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,750. Architects, Hutchinson Bros. 470 13th street, Oakland. Owner, M. C. Vaughn. The dwelling has been designed for a seven room house and will be erected in the Fourth Avenue Terrace. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. The wainscot will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect Maury I. Diggs, 2544 Bowditch street, Berkeley. Owners, Marshall-Diggs Co. The dwelling has been designed for an eight room house with baths and sleeping porch and will be erected on the south side of Russell street west of Claremont. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. There will be tile wainscot in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and the work will be done by Day Labor. All materials are being purchased by the owners.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner Mrs. Parker. The house will be erected in Fourth Avenue Terrace and has been designed to contain seven rooms, bath and sleeping porch. Interior finish

will be of pine, redwood and hardwood veneer. There will be furnace heat and open fire places. Hardwood floors will be used in the principal rooms. Mantels will be of tile or brick. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story, attic and base, frame. Cost not stated. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, H. M. Wright. The dwelling will be erected in Claremont Court and has been designed to contain seven rooms, baths and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscoting will be used in the bath rooms and kitchens. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

EUREKA, HUMBOLDT CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Judge Wilson, Eureka. The dwelling has been designed for an eight room house with two baths. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in the living room, den, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,700. Architect, none. Owner E. D. Pierce, 2207 1st avenue, Sacramento. The dwelling has been designed for a seven room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. There will be tile wainscot in the bath room and kitchen. An automatic water heater will be installed. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, L. Arthur, 1230 1st avenue, S. F. The dwelling has been designed for a seven room house and will be erected on the west side of 8th avenue south of Irving street. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and work will be done by Day Labor. All materials are being purchased.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Newsum and Dixon, 1844 5th avenue, Oakland. Owner, W. C. Burrell. The dwelling has been designed for a six room house with bath and sleeping porch. Interior will be finished entirely in pine. Some oak floors will be used. A large open fire place will be a feature of the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Residence, 2 story and base, hollow tile construction. Cost not stated. Architect, J. Martyn Haenke, Story Bldg., L. A. Owner, Mary Garden. This dwelling which is to be erected in Beverly Hills will contain fourteen rooms, five baths and sleeping porches. Interior will be finished in hardwoods and white enamel. Oak floors will be used throughout. There will be a central heating system, probably steam or hot water, vacuum cleaning and hot water supply. Bath rooms will be finished in tile. A garage will also be erected on the lot. Exterior of the dwelling will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Residence, 2 story, attic and base, frame. Cost not stated. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner, Adolph Becker. This dwelling will be erected on Dewey boulevard in St. Francis Wood and has been designed to contain 12 rooms, two baths and sleeping porches. The design is in the English style with exterior covered with cement plaster and half timber. Interior finish will be of pine, mahogany and oak. Hardwood floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Plans are being prepared.

SAN FRANCISCO—Residences, 7 2 story and base, frame, \$5,000 each. Architect, none. Owners, Cleeve Carson and Son, 219 32nd avenue, S. F. These houses will be erected on Castaneda Way in St. Francis Wood and each has been designed to contain seven rooms, baths and sleeping porches. Interiors will be finished in pine and hardwoods. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath, shingles and rustic. Plans are being prepared and when complete the work will be done by Day Labor. All materials will be purchased by the owners.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, G. Peterson, 351 12th avenue. The dwelling, designed for a seven room house, will be erected on the west side of 15th avenue near Anza. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. There will be a large open fire place in

the living room with brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Joseph C. Kirby, 3947 18th street, S. F. The dwelling will be erected on the east side of 16th avenue south of Anza and has been designed for a seven room house with bath. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantels will be of tile. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath, rustic and brick veneer. Plans are complete and the work will be done by Day Labor.

VANCOUVER, B. C.—Residence, 2 story, attic and base, Class A construction, \$100,000. Architect, W. Marbury Somervell, White Bldg., Seattle. Owner, B. T. Rogers of the British Columbia Sugar Refinery. The architect has just been commissioned to prepare plans for this work and details are not available. Construction will be fireproof throughout and the interiors will be elaborately finished. Further information will be given as plans progress.

Contracts Awarded.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$34,000. Architects, H. Geiffuss and Son, 46 Kearny street, S. F. Owner, Mrs. A. B. S. Knauer. Contractor, Holm and Son, Foxcroft Bldg., general carpentry work. Peterson-James Co., plumbing, and Decker Electric Co., electric work. The total of these contracts is about \$16,000. Additional contracts will be awarded shortly.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, B. Cooper Corbett, Union Oil Bldg., L. A. Owner, C. F. Perry Contractor, E. H. MacGibbon, Los Angeles Investment Bldg., L. A., general construction. Contract price, \$20,000.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—University Campanile clock. Cost not stated. Architect, John Galen Howard, 604 Mission street, S. F. Owners, University of California. Bids are now being called for the installation of a large clock in the campanile at the University of California. Plans and specifications can be secured from the architect. Bids will be opened by the Comptroller of the University at 10 o'clock on December 15th. An official proposal appears in another column of this issue.

LOS ANGELES, CAL.—State Normal School work, program clock and bells, telephone system and grand stand. Cost not stated. Architect, State Architect George B. McBoagal, Sacramento. Owners, State of California. Plans are complete and figures are now being called for the installation of a complete program clock and bell system, a telephone exchange and for the construction of a grand stand at the Los Ange-

les State Normal School. Plans can be secured from the State Department of Engineering, Sacramento. Bids will be opened on December 1st. Official proposals appear under another heading in this issue.

CHINO, SAN BERNARDINO CO., CAL.—School, 1 story and base, brick and steel, \$35,000. Architects, Withey and Davis, Story Bldg., L. A. Owners, Chino School District. The building has been designed for a grammar school and will contain twelve class rooms, principal's office, teachers' room and a library. Interior will be finished in pine with pine and maple floors. Plans include slate blackboards, modern school plumbing, a plenum system of heating and program clocks. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SANTA ANA CANYON, SAN BERNARDINO CO., CAL.—Power station, 2 story and base, Class A construction, \$500,000. Architect, H. Alban Reeves, Chamber of Commerce Bldg., L. A. Owners, Southern California Edison Co. General Manager, Ben Pearson, San Bernardino, states that construction will shortly be started on one of the largest power houses in the state. Construction will be fireproof with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior will be finished in pine and metal. Exterior of the building will be faced with cement plaster. The work will be carried on by Day Labor under the direction of Mr. Pearson.

SOUTH BEND, WASH.—School, 3 story and base, reinforced concrete, \$75,000. Architect's name not given. Owners, South Bend School District. All bids received for this work have been rejected as above the amount available. The lowest bid received was from the Manhattan Co., Central Bldg., Seattle, for \$79,993. Plans will probably be revised to bring the structure within the amount available and new figures will be advertised.

SCHOOL DISTRICT NO. 51, WASH.—School, 2 story and base, brick and concrete, \$35,000. Architect, V. W. Voorhees, Eltel Bldg., Seattle. Owners, School District No. 51. This building will be erected about one mile north of Seattle and will contain ten standard sized class rooms, principal's office and teachers' room. Interior will be finished in pine with maple floors. The building will cover an area of 70 by 120 feet. Plans provide for steam heat, modern school plumbing and a vacuum cleaning system. Exterior will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

UNIVERSITY CAMPANILE CLOCK—Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Galen Howard, 604 Mission street, S. F. Owners, University of California. Bids are now being called for the installation of a large clock in the campanile at the University of California. Plans and specifications can be secured from the architect. Bids will be opened by the Comptroller of the University at 10 o'clock on December 15th. An official proposal appears in another column of this issue.

STATE NORMAL SCHOOL, WORK—Program clock and bells, telephone system and grand stand. Cost not stated. Los Angeles, Cal. Architect, State Architect George B. McDougal,

Sacramento. Owners, State of California. Plans are complete and figures are now being called for the installation of a complete program clock and bell system, a telephone exchange and for the construction of a grand stand at the Los Angeles State Normal School. Plans can be secured from the State Department of Engineering, Sacramento. Bids will be opened on December 1st. Official proposals appear under another heading in this issue.

Contracts Awarded.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete, \$55,436. Architect's name not given. Owners, City of Sacramento. Contractors, McGillivray Construction Co., Sacramento. Contract price, \$55,436.

YAMHILL, ORE.—School, 2 story and base, hollow tile construction, \$20,000. Architects, Jacobberger and Smith, Board of Trade Bldg., Portland. Owners, Yamhill School District. Contractor, John Almeter, Builders' Exchange, Portland. Contract price, \$20,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Power station, 1 story and base, Class A construction, \$50,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. This building will be erected on the south side of Commercial street west of Montgomery and will cover a considerable ground area. Construction will be of the Class A type with a complete steel frame and exterior walls of brick and concrete. There will be a cement floor and roof. Interior partitions will be of hollow tile. Interior will be finished in pine and metal. Tile will be used extensively. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Eids are now being taken for the general construction. Separate contract will be awarded for the foundation work.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and offices, 12 story and base, Class A construction. Cost not stated. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, William H. Crocker. Architect Lewis P. Hobart, Crocker Bldg., has prepared preliminary plans for a large addition to the present Crocker building, which, if carried out, will make that building one of the largest office structures in the west. Property to the west of the present building having a Market street frontage of 62 feet 3 inches and extending through to Post street where it has a frontage of 66 feet 3 inches, is to be improved. The depth of the lot varies from 155 feet to over 170 feet. At present this property is covered with four two-story brick buildings of a more or less temporary nature with stores on the first floor and upper floors nearly vacant. Just what improvements will be made has not been fully determined, but it is stated that the Crocker Bank needs considerable more ground space and that a large portion of the ark street frontage in the new building will be occupied by that institution. A plan, said to be most generally favored, contemplates carrying the new building up to the height of the present structure. Construction will be fireproof throughout.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base, brick and steel, \$50,000. Architect, Harold Cross, Consolidated Realty Bldg., L. A. Owners, Lyon, McKinney and Smith. Contractors, The Carl Lang Co., Mason Bldg., L. A., general construction only. Contract price, \$50,000. Note—Subfigures are now being taken on the various parts of the work.

BAKERSFIELD, KERN CO., CAL.—Store, 1 story and base, brick, \$6,500. Architect, none. Owner, A. H. Karpe, Contractor, E. F. Leierlitz, Bakersfield, Contract price, \$6,500.

THEATRES.

TURLOCK, STANISLAUS CO., CAL.—Theatre, 2 story and base, brick and steel, \$25,000. Architect not selected. Owners, Arakelian Bros., Fresno. These men have purchased the site of the old Turlock Opera House on Broadway and will wreck the present buildings and construct a modern two story brick building on the site. Besides the theatre plans will provide for several stores. It is the intention of the owners to have plans prepared with foundations and exterior walls heavy enough to carry four stories. Exterior will be faced with pressed brick. Further mention will be made of the work.

Contracts Awarded.

SEATTLE, WASH.—Theatre, 2 story and base, brick and concrete, \$20,000. Architect, J. A. Creutzler, New York Bldg., Seattle. Owners, Iris Land Co. Contractors, Bromley Const. Co., Oriental Bldg., Seattle. Contract price, \$25,000. Note—Subcontracts are now being let on the work.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.—CANAL CIRCULAR 805—Proposals for Cast Iron Door and Window Frames and Sashes and Hygienic Electric Station and Varnished-Cambric Lead-Covered Cables.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. November 14, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 805) may be obtained from this office or the offices of the assistant purchasing agents, 1008 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING—Office of Constructing Quartermaster, Fort Mason, Cal.—Sealed proposals, in triplicate, for constructing two reinforced concrete storehouses at the army supply depot, Fort Mason, Cal., will be received here until 11 a. m. November 21, 1913, and then opened. Plans, specifications, blanks, and necessary information can be obtained here. Deposit of \$25 required to insure return of plans, etc. Proposals to be inclosed in sealed envelopes and addressed to Lieutenant Colonel GEO. McK. WILLIAMS, quartermaster corps.

PROPOSALS FOR CANAL SUPPLIES.—CANAL CIRCULAR 806—Proposals for Transformers, Switchboards, Motor-Generator Sets, Wires and Cables, Conduits and Miscellaneous Electrical Apparatus.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. November 22, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 806) may be

obtained from this office or the offices of the assistant purchasing agents, 1086 North Point street, San Francisco, Cal., also from the U. S. engineer's offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO BRIDGE CONTRACTORS.

Sealed bids will be received by the Board of Supervisors of the County of Calaveras, California, at the office of said Board, in the town of San Andreas, in said county, up to **Tuesday, November 18th, 1913**, at the hour of 10 o'clock a. m. of said day, for the furnishing of all material, labor, and the construction complete of a reinforced concrete bridge over San Andreas creek, on North Main street, in the town of San Andreas, Calaveras County, California. All bids must be in accordance with the plans and specifications submitted by C. E. Cotton and adopted by the said Board on the 28th day of October, 1913. The bidder must submit a certified check for the work, and a price per cubic yard for any additional concrete required. Five per cent of the amount of the bid accepted is to be retained by the Board of Supervisors out of the money due the contractor, for the plans and specifications for the work, and to be paid by said Board for the plans and specifications, to the contractor.

All bids must be subject to the stipulations referred to in (An Act limiting the hours and services of laborers, etc.), approved March 10th, 1903, and must be accompanied with a certified check for ten per cent of the amount bid, payable to the County Treasurer of Calaveras County. The said check to be on the condition that the bid is accepted, and the bidder fails or neglects to enter into a contract, and furnish a bond for the faithful performance of his contract within 15 days after being notified that the bid is accepted, and in that event the said certified check to be forfeited and paid into the County Treasury as liquidated damages.

The Board reserves the right to reject any or all bids, and to accept any bid. A copy of the plans and specifications may be secured from the Clerk of this Board upon payment of One Dollar.

By J. A. Smith, Deputy.

PROPOSALS FOR JAIL WORK.

Pursuant to Resolution No. 6898 N. S. passed by the Council of the City of Oakland on November 5th, 1913, the Council of the City of Oakland will receive proposals or bids, and alternate bids for furnishing of all the materials, labor and workmanship required in connection with the Jail Work required for the City Hall Building in the City of Oakland, California.

All proposals shall be made upon and conform to the requirements of the forms of proposals prepared and furnished by the City, through the Architects, and shall be enclosed in sealed envelopes, endorsed "Bid for furnishing of all the materials, labor and workmanship, required in connection with the Jail Work required for the City Hall Building, addressed to the Council and deposited by the bidder or his agent with said Council while in session, between eleven o'clock a. m. and twelve o'clock noon, Pacific Time, on the 20th day of November, 1913, in the office of the Council in the City Hall, Fourteenth and Washington Streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of Palmer, Hornbostel & Jones, Architects, at City Hall Building, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check retained by the Board of Supervisors payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the largest proposed bid submitted by the bidder. Alternate bids need not be accompanied by certified checks, but no alternate bid will be considered unless accompanied by a proposal for at least one of the proposals listed in Section 56, entitled "Bids," of the Specifications for Jail Work for the Oakland City Hall

Building, as modified by Resolution No. 6897 N. S., passed by the Council of the City of Oakland on November 5th, 1913; which said proposal or proposals shall be accompanied by a certified check, said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within five (5) days after receiving notice of award.

A set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgment or proposals shall be furnished contractors on demand at the office of the Architects at City Hall Building. The plans and drawings may be had at the said office of the Architects at 1913, November 7th, 1913, within a reasonable time after application, and upon a deposit of Twenty-five Dollars (\$25.00) which deposit will be returned to the applicant when the said plans and drawings are returned to the Architects in good condition; one complete set of plans and drawings required for the work will be furnished upon application and payment of the said deposit. Additional copies will, however, be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architects, together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Architects upon application at their office at the City Hall Building. The right is reserved to the Council, in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter.

By order of the Council of the City of Oakland,
FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of the Comptroller of the University of California, Berkeley, California, at or before 10:00 A. M. on Monday, December 15, 1913, for furnishing and erecting a clock in the Sather Campanile at Berkeley, California, as per plans and specifications on file at said office.

A deposit of \$3.00 will be required for each set of plans and specifications, which deposit will be refunded upon return of said plans and specifications. The deposit will be accepted and accompanied by check, or bond, in favor of the undersigned, equal to ten per cent (10%) of the bid, to secure execution of contract by the successful bidder.

The right is reserved to reject any or all bids.
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,
Berkeley, Cal., November 6th, 1913.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, at 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday, November 28, 1913, for furnishing, painting and erecting structural steel and cast iron work of the Main Entrance Tower, in accordance with the plans and specifications on file in the office of the Division of Structures.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except the check if an accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the same, and retaining the contract price will be required for the faithful performance of the contract;

the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, 213 in the Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,

WILLIAM H. CROCKER,
Chairman (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, December 1, 1913, said bids then and there to be publicly opened and read and for the installation of program clock and bell system, at the State Normal School, Los Angeles, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Said bids will be received for the entire work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Grandstand, State Normal School, Los Angeles, California."

[Signed] W. F. McCURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, December 1, 1913, said bids then and there to be publicly opened and read and for the installation of program clock and bell system, at the State Normal School, Los Angeles, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Said bids will be received for the entire work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for a Program Clock and Bell System, State Normal School, Los Angeles, California."

[Signed] W. F. McCURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, December 1, 1913, said bids then and

there to be publicly opened and read for furnishing all plant materials, and labor, and doing the work required for the installation of a Telephone System at the State Normal School, Los Angeles, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, at Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certificate in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCLEURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Telephone System, State Normal School, Los Angeles, California."

[Signed] W. F. McCLEURE, State Engineer. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 804—Galvanized Steel or Iron, Tool Steel, Platinized Iron, Wire Cable, Chain, Steel Wire, Horseshoe Machine Bolts, Track Bolts, Nuts, Nails, Screws, Track Wrenches, Cable Clips, Wrought Iron or Steel Pipe, Castiron Pipe, Pipe Fittings, Stovepipe, Lead Pipe, Lead Bends, Brass, Sheet Brass, Sheet Lead, Sheet Zinc, Solder, Tracks, Valves, Cocks, Water-Closet Seats, Water Closets, Water Cups, Shovels, Spades, Picks, Files, Files, Hammers, Hinges, Saws, Machetes, Night Latches, Snatch Blocks, Wheelbarrows, Galvanized Buckets, Corn Brooms, Paint Brushes, Ladders, Water Coolers, Metallic Tapes, Manila Rope, Suction Hose, Packing Tarpaulins, Cotton Canvas, Ticking, Sash, Cord, Twine, Emery Cloth, Leather, Fire Brick, Vitrified Sewer Pipe, and Soap Polish.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., November 13, 1913**, at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this Circular may be obtained from this office or the offices of the assistant purchasing agents, 1086 N. Point street, San Francisco, Cal.; also from the engineer on duty in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, corps engineers, U. S. A., general purchasing officer.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until **2 o'clock P. M., on November 17th, 1913**, at which time they will be publicly opened and read, for construction in accordance with the plans and specifications to which special reference is made, portions of State Highway as follows:

Fresno County from Fowler to Kingsburg, (VI, Fre., A, A); about 8 miles in length, to be built of Portland cement concrete.

Fresno County from Fowler to Fresno, (VI, Fre., A, B); about 8 miles in length, to be built of Portland cement concrete.

San Bernardino County from Upland to Citrus Avenue, (VII, S. Bd., 9, A); about 8 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Rincon Creek to Carpinteria Creek, (V, S. B., 2, H); about 2 1/2 miles in length, to be graded and paved in part with Portland cement concrete.

San Luis Obispo County from Paso Robles to the northerly county boundary, (VI, S. B., A); about 10 1/2 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Casacadero Creek, (VI, S. B., C); about 3 1/2 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of

proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work occurs. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bids will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS, Secretary.

Dated: October 13, 1913. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCleure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Wednesday, November 26, 1913**, said bids then and there to be publicly opened and read for furnishing all plant materials, and labor, and doing the work required for the construction and erection of a building to be known as the Nursery Building for Males at the Sonoma State Home, Eldridge, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCleure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Nursery Building for Males, Sonoma State Home, Eldridge, California."

[Signed] W. F. McCLEURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCleure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Friday, November 28, 1913**, said bids then and there to be publicly opened and read for furnishing all plant materials, and labor, and doing the work required for construction and erection of a building known as the Laundry Building at the Napa State Hospital, Napa, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCleure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Laundry

Building, Napa State Hospital, Napa, California."

[Signed] W. F. McCLEURE, State Engineer. (*)

PROPOSALS FOR UNSTRUCTING BUILDING.

BUILDING — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **3 p. m., November 26, 1913**, for the construction complete of the U. S. post office at Albany, Oreg. Drawings and specifications may be obtained from the custodian of the site at Albany, Oreg., or at this office, in the discretion of the supervising architect, S. WENDE-ROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **10:30 A. M., Thursday, November 20, 1913**, for Constructing The Court of Honor in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

ARCHITECT'S CERTIFICATE.

Nov. 5, 1913—Charles E. Gottschalk has filed his certificate of architecture.

RELEASE OF BUILDING CONTRACT.

Nov. 5, 1913—E SIXTEENTH AVE 100 S Anza (A) S 25X E 127-6. Wm H and Viola A Dreyer with Emile Dahl and William Bahrs. ReleasedNov. 3, 1913

NOTICE OF NON-RESPONSIBILITY.

Nov. 1, 1913—SW CHARTER OAK AVE 103-25 SE Thornton AVE S 25XSW 100 Ptn Blk "B" Haley Purchase. Oscar Heyman & Bro as to improvements on leased property.
Nov. 4, 1913—CLIFF HOUSE and adjoining property. Emma L Merritt, extrix Estate Adolph Stout, decd, as to improvements on leased propertyNov. 3, 1913

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, will carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

STRUCTURAL STEEL AND IRON WORK—Cost not stated. San Francisco. Architect Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications have been completed and approved for furnishing, fabricating and erecting of the structural steel and iron for the main entrance tower of the exposition. Bids for this work are now being taken and will be opened by the Buildings and Grounds Committee on November 28th. An official proposal appears in another column of this issue. Plans and specifications can be secured from the Director of works.

COURT OF HONOR—General construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on November 20th by the Buildings and Grounds Committee for the general construction of the Court of Honor, one of the largest buildings on the exposition grounds. Plans and full particulars of this work can be secured from the Director of Works. An official proposal appears under another heading in this issue.

RESIDENCES—2 1/2 story and base, frame, \$2,300 each. San Francisco. Architect, none. Owner, B. J. Hooper, 450 12th avenue, S. F. These houses will be erected on the east side of 19th avenue south of Anza street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with hardwood floors in the living rooms, dining rooms and reception hall. There will be large open fire places in the living rooms and brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, none. Owners, Cleve Carson and Son, 219 32nd avenue, S. F. The house which has been designed for a seven room dwelling, will be erected on Castaneda avenue west of San Marcus. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and a composition floor. An automatic water heater will also be installed. Exterior of the house will be covered with cement plaster on metal lath. Work will be done by Day Labor and all materials are now being purchased.

RESIDENCE — 2 story attic and base, frame, \$35,000. San Francisco. Architect, Willis Pock, Merchants' Exchange Bldg., S. F. Owner, Mrs. Katherine P. Hooker. The house will be erected on the south side of Pacific

avenue west of Walnut and has been designed for a modern city home. The dwelling will contain in the neighborhood of 14 rooms, several baths and sleeping porches. A private garage will also be erected on the lot. The interior of the house will be handsomely finished in hardwoods and white enamel. Hardwood floors will be used throughout except in the baths which will have tile floors and wainscot. Marble and tile will also be used in the butler's pantry. There will be steam heat and open fire places. Mantels will be of tile and brick. Entrance will be finished in marble. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$3,600. San Francisco. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner, Mrs. Harris. The dwelling, designed for a six room house, will be erected on Clifford street in the Ashbury Heights district. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Plans provide for furnace heat. There will be tile wainscot in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCES—2 2-story and base, frame, \$7,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Althea A. Little, 1347 4th avenue, S. F. These houses will be erected on the west side of 18th avenue north of Lake street and each has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Automatic water heaters will be installed. Exterior will be covered with rustic and cement plaster on metal lath. Clay tile roofs will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

STATE BUILDING—Concrete and frame construction. Cost not stated. San Francisco. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Architect Heide, who has recently opened offices in this city, has been commissioned by the State of Washington to prepare plans for the two state exhibit buildings which are to be erected at the Panama-Pacific International Exposition in this city, and also for the building which will be erected by the state of Washington at San Diego. Details of this work have not been determined upon and pending the time when action is taken on granting a larger site to the state

of Washington no information can be given. It is expected that a considerably larger appropriation will be made for the building in this city than was originally planned. Further mention will be made as the work progresses.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. San Francisco. Architects, Havens and Toepke, 46 Kearny street, S. F. Owners, Cuneo Estate. The building will be erected at the intersection of Powell, Union and Columbus avenue, and will cover a considerable area. The first floor has been arranged for nine stores and upper floor for a number of living apartments of two and three rooms. Interior finish will be of pine with some elm panels. All suites will have wall beds and private bath rooms. A central heating system and hot water plant will be installed. Stores will have large plate glass windows and patent store fronts. Exterior of the building will probably be faced with cement plaster on metal lath and shiplap. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Nubbe. This building will be erected at 951 1/2 McAllister street and has been designed to contain six suites of two and three rooms. All apartments will have wall beds and private baths. Interior finish will be of pine, elm panels and some hardwood floors. Plans provide for a central heating system and hot water plant. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, David C. Coleman, Merchants' National Bank Bldg. Owner, I. Friedman. The building will be erected on the east side of Dolores street south of Railroad avenue and will cover an area of 38 feet by 75 feet. Interior will be arranged for 12 suites, all of which will have wall beds and private baths. Pine and redwood will be used for interior finish. Bath rooms will have tile wainscot. A hot water system will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and a contract will be let within a few days.

APARTMENT HOUSE—3 story and base, frame, \$13,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. This work has been mentioned here a number of times before when plans were first started. The building will be erected on the east side of Taylor street near Clay and has been arranged to contain 12 suites of four rooms and bath each. Interior will be finished in pine, elm panels and hardwood. There will be steam heat, elevator service and a vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Wall beds will be used in all suites. Tile and marble will be used in the entrance. Exterior of the building will be covered with rustic, cement plaster on metal lath and a brick veneer base. Plans have been out for figures and a general contract will be awarded at once.

APARTMENT HOUSE—3 story and

base, brick and steel. Cost not stated. San Francisco. Architect's name not given. Owners, Lachman Bros., 2019 Mission street. The building will be erected on the southeast side of Mission street between 16th and 17th streets and will cover an area of 60 by 105 feet. The first floor will be arranged for stores and upper floors will contain a number of well arranged apartments of two and three rooms. All suites will have private bath rooms and wall beds. Interior finish will be of pine throughout. There will be steam heat, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and a permit has been applied for.

HOSPITAL GROUP—8 story and base, Class A construction, \$600,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, University of California. The building will be erected on the heights back of the Affiliated Colleges. This structure will cost over \$600,000 and has been made possible by contributions from John M. Keith, \$150,000; William H. Crocker, \$50,000; Mrs. Harriet Alexander, \$50,000; Templeton Crocker, \$25,000; Mrs. Malcolm Whitman, \$25,000; George Blanding, \$25,000 and Mrs. F. W. Sharon, \$25,000, besides a large number of smaller amounts from others whose names have not been given out. The building will be eight stories high and of an ornamental design. Construction will be started early in February. Full particulars are not available at this time and will be given later.

HOTEL—4 story and base, reinforced concrete, \$25,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on California street near Kearny and will have a frontage of 46½ feet by a depth of 86 feet. Plans provide for a total of 50 guest rooms besides a large lobby, office, parlors, public dining room and kitchen. Interior finish will be of pine and redwood with some hardwood veneer. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Considerable tile and marble will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within a few days.

HOTEL—4 story and base, brick and steel, \$35,000. San Francisco. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner, Harry Rosenbergs. The building will be erected on the west side of Hyde street between Sutter and Bush streets and will have a frontage of 40 feet and a depth of 127 feet. There will be a large lobby and parlors on the first floor besides a number of guest rooms. Upper floors will be subdivided into 68 guest rooms and a number of public and private baths. Interior finish will be largely of pine with some hardwood veneer. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile and ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed

brick. Plans are now being prepared.

HOTEL—10 story and base, Class A construction. Cost not stated. San Francisco. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the down town district but the exact location is withheld for the present. Plans provide for a total of 50 guest rooms, large lobby, office, parlors and public dining room. Construction will be fireproof throughout with steel frame, reinforced concrete walls and floors and interior partitions of hollow tile or metal lath and plaster. Interior will be finished in pine and hardwoods. All guest rooms will have private baths which will be finished in tile. There will be steam heat, elevator service, a vacuum cleaning system and other modern conveniences. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Further information will be given shortly.

RAILROAD TRACK CONSTRUCTION—\$30,000. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans and specifications have been completed and have gone to the War Department at Washington for approval for construction on a standard gauge track at the Transport Docks connecting with the Belt Line Railroad of the State Board of Harbor Commissioners. The track will be 5,100 feet long carried on 114 pound rails and 127 pound guard rails. Redwood ties and crushed roadbed will be used. Bids will not be called for until the plans have received the approval of the War Department. Notice will be given in these columns when bids are called.

BUNGALOW—1½ story and base, frame, \$3,000. San Francisco. Architect, none. Owner, L. Arthur, 1230 1st avenue, S. F. The dwelling has been designed for a seven room house and will be erected on the west side of 8th avenue south of Irving street. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and work will be done by Day Labor. All materials are being purchased.

RESIDENCE—2 story, attic and base, frame. Cost not stated. San Francisco. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner, Adolph Becker. This dwelling will be erected on Dewey boulevard in St. Francis Wood and has been designed to contain 12 rooms, two baths and sleeping porches. The design is in the English style with exterior covered with cement plaster and half timber. Interior finish will be of pine, mahogany and oak. Hardwood floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Plans are being prepared.

RESIDENCES—7 2-story and base, frame, \$5,000 each. San Francisco. Architect, none. Owners, Cleeve Carson

and Son, 219 32nd avenue, S. F. These houses will be erected on Castaneda Way in St. Francis Wood and each has been designed to contain seven rooms, baths and sleeping porches. Interiors will be finished in pine and hardwoods. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath, shingles and rustic. Plans are being prepared and when complete the work will be done by Day Labor. All materials will be purchased by the owners.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, G. Peterson, 351 12th avenue. The dwelling, designed for a seven room house, will be erected on the west side of 15th avenue near Anza. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Owner, Joseph C. Kirby, 3947 18th street, S. F. The dwelling will be erected on the east side of 16th avenue south of Anza and has been designed for a seven room house with bath. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of tile. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath, rustic and brick veneer. Plans are complete and the work will be done by Day Labor.

POWER STATION—1 story and base, Class A construction, \$50,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. This building will be erected on the south side of Commercial street west of Montgomery and will cover a considerable ground area. Construction will be of the Class A type with a complete steel frame and exterior walls of brick and concrete. There will be a cement floor and roof. Interior partitions will be of hollow tile. Interior will be finished in pine and metal. Tile will be used extensively. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Bids are now being taken for the general construction. Separate contract will be awarded for the foundation work.

STORES AND OFFICES—12 story and base, Class A construction. Cost not stated. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, William H. Crocker. Architect Lewis P. Hobart, Crocker Bldg., has prepared preliminary plans for a large addition to the present Crocker building, which, if carried out, will make

that building one of the largest office structures in the west. Property to the west of the present building having a Market street frontage of 62 feet 3 inches, and extending through to Post street where it has a frontage of 66 feet 2 inches, is to be improved. The depth of the lot varies from 153 feet to over 170 feet. At present this property is covered with four two-story brick buildings of a more or less temporary nature with stores on the first floor and upper floors nearly vacant. Just what improvements will be made has not been fully determined, but it is stated that the Crocker Bank needs considerably more ground space and that a large portion of the Market street frontage in the new building will be occupied by that institution. A plan, said to be most generally favored, contemplates carrying the new building up to the height of the present structure. Construction will be fireproof throughout.

Contracts Awarded.

CHURCH—2 story and base, Class A construction, \$100,000. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Joseph's Church. Contractors, W. F. Vitt Electric Co., electric work. Contract price, \$1,435.

RESIDENCE—2 story, attic and base, frame, \$34,000. San Francisco. Architects, H. Geiffuss and Son, 46 Kearny street, S. F. Owner, Mrs. A. B. S. Knauer. Contractor, Holm and Son, Foxcroft Bldg., general carpentry work; Peterson-James Co., plumbing, and Decker Electric Co., electric work. The total of these contracts is about \$16,000. Additional contracts will be awarded shortly.

FLATS—2 story and base, frame, \$7,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mary Wagner. Contractor, J. Eric Johanson, 2726 20th street, S. F. Contract price, \$7,000.

NURSES' HOME—4 story and base, Class A construction. San Francisco. Architects, Ward and Blohne, Alaska Commercial Bldg., S. F. Owners, Children's Hospital. Contractor, J. W. Cobby, 180 Jessie street, S. F., general construction. Contract price, \$20,000.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
4009	Stanford Univ.	Brady	5000
4010	Hambly	Hambly	750
4011	Sauter	Sauter	6000
4012	Rosenberg	Rosenberg	9000
4013	Kelly	Demarais	2500
4014	Ratto	Devencenzi	1500
4015	Whitman	Whitman	1800
4016	Same	Same	1800
4017	Spediacci	Spediacci	1750
4018	Erdlatz	Mathews	1750
4019	Dairy	Mathews	3470
4020	Donnelly	Binet	10482
4021	Bells	Damico	2600
4022	Bless	Wade	2500
4023	Guerin	K. Helpler	5796
4024	Same	Campbell	8860
4025	Harris	Hofmeister	2644
4026	Same	Tuer	2461
4027	Kristovich	Nelson	1735
4028	Gandon	Upham	2500
4029	O'Neill	Rankin	400
4030	Galey	Johnson	400
4031	Kruger	Johnson	450
4032	Grau	Casty	1000
4033	Patek	Peterson	400
4034	Gunst	Levi	500
4035	Volght	Volght	1900
4036	Grosh	Wade	15871
4037	Denton	Devencenzi	4500
4038	Fagon	Miller	2300
4039	Mitchell	Hantzsch	4350
4040	Felling	Erkson	5000

4041	Hooper	Hooper	2300
4042	Same	Same	2300
4043	Goetjen	Vanderford	750
4044	Donovan	Donovan	1800
4045	Samuels	Harper	400
4046	Carson	Carson	5000
4047	Williar	Williar	450
4048	Braghetta	Cunea	2700
4049	Harrison	Kronnick	9650
4050	P P I E.	Strehlow	168100
4051	Lees	Sullivan	1070
4052	Same	Trevia	2630
4053	Ford	Smith	750
4054	Malaspino	Malaspino	800
4055	Wasserman	Wasserman	500
4056	S & S Saloon	Owner	400
4057	Bhades	Enades	400
4058	Acme Brewg	Novelty	400
4059	Leek	Novelty	500
4060	Md Dairy Lunch	Owner	450
4061	Meagher	Stewart	1850
4062	Nolan	Nolan	750
4063	Cath Archb.	McLaughlin	7000
4064	Little	Little	7000
4065	Allen	Allen	3000
4066	Allen	Allen	3000
4067	Gasser	Burnham	1526
4068	Palmer	McInnis	6600
4070	Cogswell	Trost	11200
4071	Transp Club	McInnis	1485
4072	Same	Wepker	1400
4073	Same	Lettich	675
4074	Same	S F Elev	440
4075	Same	Hardwood Int	500
4076	Same	Decker	450
4077	P P I E.	Sutton	4170
4078	Gintje	Knieling	15200
4079	P P I E.	Whitman	3992
4080	P P I E.	Snook	20277
4081	Phelan	Cal Artist	6854
4082	Jackson	W'n Bldrs	1270
4083	Wagner	Johanson	6347
4084	Safford	Schmidt	3000
4085	Morgan	Denker	3000
4086	Florio	De Benedetti	2350

(Correction in Owners.)

Contracts No. 3391 and 3393 appeared in the "Builder" of November 3rd with Nevada W. Meyers as owner, and are herewith corrected.

(3391) W NINETEENTH AVE 50 S Anza. Two-story and basement frame residence.

Owner.....Leigh & Schultz, 530 8th Ave., San Francisco.

Architect...None
Day's work.....COST, \$2000

(3393) W NINETEENTH AVE 25 S Anza. Two-story and basement frame residence.

Owner.....Leigh & Schultz, 330 8th Ave., San Francisco.

Architect...None
Day's work.....COST, \$2000

(4009) SE SACRAMENTO AND WEBSTER. Alterations and repairs to Library.

Owner.....Trustees of Stanford University, Nevada Bank Bldg San Francisco.

Architect...Albert Pissis, 1281 Flood Bldg., San Francisco.

Contractor...M. V. Brady, Monadnock Bldg., San Francisco.

COST, \$5000

(4010) S INGERSON 175 W Ingalls. One-story and basement frame dwlg.

Owner.....P. D. Hambly, 1153 33rd Ave., San Francisco.

Architect...None
Day's work.....COST, \$750

(4011) E TAYLOR 125 S Union. Three story and basement (3) flats.

Owner.....J. Sauter, 1432 Stockton, San Francisco.

Architect...Paul F. De Martini, 451 Columbus Ave., S. F.

Day's work.....COST, \$6000

(4012) E LARKIN 107 N Callifornia. Three-story and basement frame hotel.

Owner.....Isidor Rosenberg, 142 Sansome, San Francisco.

Architect...Joseph Cahen, 45 Kearny, San Francisco.

Day's work.....COST, \$9000

NOTE:—Frame is up.

(4013) W TEXAS 95 N 18th. Two-story frame (2) flats.

Owner.....T. T. Kelly, 1144 Mariposa, San Francisco.

Architect...None.

Contractor...R. W. Demarais, 732 Page, San Francisco.

COST, \$2500

(4014) S CARROLL 100 E Phelps. One-story and basement frame dwlg.

Owner.....G. Ratto, Premises.

Architect...None.

Contractor...L. M. Devincenzi, 415 Girard, San Francisco.

COST, \$1500

(4015) E TWENTY-FOURTH AVE 250 S Anza. One-story and basement frame dwelling.

Owner.....A. Whitman, 2321 Anza, San Francisco.

Architect...None.

Day's work.....COST, \$1800

(4016) E TWENTY-FOURTH AVE 225 S Anza. One-story and basement frame dwelling.

Owner.....A. Whitman, 2321 Anza, San Francisco.

Architect...None.

Day's work.....COST, \$1750

(4018) NW BRYANT 46 SW Main SW 22xNW 65. All work for one-story saloon.

Owner.....Jos. Erdlatz, 759 3rd, S. F.

Architect...None.

Contractor...N. F. Nelson, 117 Laidley, San Francisco.

Filed Nov. 3, '13. Dated Oct. 31, '13.

Frame up 25%

Plastering completed 25%

Completed and accepted 25%

Usual 35 days 25%

TOTAL COST, \$1750

Bond, none Limit, 40 days after Nov. 3, Forfeit, \$10. Plans and specifications filed.

(4019) N NINETEENTH near Guerrero. Mathews Gravity Roller Conveyor System.

Owner.....Dairy Delivery Co., 3550 19th, San Francisco.

Architect...None.

Contractor...Mathews Gravity Carrier Company.

Filed Nov. 3, '13. Dated Aug. 29, '13.

On arrival of material.....\$1156.90

When installed 1156.90

30 days after 1157.10

TOTAL COST, \$3470.90

Bond, \$3500. Surety, The Fidelity and Casualty Co. of New York. Limit, none Forfeit, none. Plans and specifications filed.

(4020) E DOLORES 118 S 18th. Labor lumber, mill work, plumbing, plaster, painting, etc., for three-story frame building (6 flats.).



NEW YUBA HOTEL ERECTED BY ABBY FRINK BICKEL
San Francisco

Henry Shermund, Architect
San Francisco



HANDSOME RESIDENCE FOR MR. H. PETERS
Dixon, So'ano Co., Cal.

Salfield & Kohlberg, Architects
San Francisco

Owner.....Nellie Donnelly.
 Architect.....None.
 Contractor.....John J. Binet Co., 68 Ramona Ave., S. F.
 Filed Nov. 3, '13. Dated Nov. 1, '13.
 1st story joists on.....\$3,000.00
 Ceiling joists on.....1192.80
 Brown coated.....2096.40
 Completed.....1972.30
 Usual 35 days.....2220.50
 TOTAL COST, \$10,482.00

Bond, none. Limit, 1. days. Forfeit, none. Plans and specifications filed.

(4021) CALIFORNIA AND ELLICK Lane. Lathing and plastering except plaster work on front bay bay windows for building.
 Owner.....Louis Beiss, 1710 Sutter, San Francisco by Michael Dempniak, 1315 3rd Ave., San Francisco
 Architect.....None
 Contractor.....Tony Damico.
 Filed Nov. 3, Dated Oct. 4, '13.
 1st coat plaster on inside and outside.....\$1000
 Plaster work finished.....500
 30 days after.....500
 TOTAL COST, \$2000

Bond, limit, forfeit, none. Plans and specifications, none.

(4022) CALIFORNIA AND ELLICK LANE Plumbing, gas and water fittings for three-story and basement frame building.
 Owner.....Ludwig Bless, 4 Kearny, San Francisco by Michael Dempniak, 1315 3rd Ave., San Francisco.
 Architect.....Jos. Cahen, 45 Kearny, San Francisco.
 Contractor.....Wm. Wade, 327 Guerrero, San Francisco.

Filed Nov. 3, .. Dated April 27, '13.
 Rough plumbing in.....\$1000
 Completed and accepted.....850
 30 days after.....650
 TOTAL COST, \$2500
 Bond, limit, forfeit, none. Plans and specifications none.

(4023) N ELTON 103 E North Stanton N 121.98 E 25-0 1-S 121-3 W 25. All work for two-story, attic and and basement frame (2) flats.
 Owner.....J. S. Guerlin, 720 Folsom, San Francisco.
 Architect.....None.
 Contractor.....Louis Heipner,
 Filed Nov. 3, '13. Dated Nov. 1, '13.
 Frame up.....\$1449
 Enclosed and brown coated.....1449
 Completed and accepted.....1449
 Usual 35 days.....1419
 TOTAL COST, \$5796

Bond, none. Limit, 120 days. Forfeit, \$3. Plans and specifications filed.

(4024) S TURK 28 E Dodge E 52-9 5-S Plastering for seven story building.
 Owner.....None.
 Architect.....None.
 Contractor.....Hansen & Johnson 110 Jessie, San Francisco.
 Sub-Contractor.....Chas. Campbell.
 Filed Nov. 3, '13. Dated May 28, '13.
 Scratch coat on.....\$2215
 Brown coated.....2215
 Completed and accepted.....2225
 Usual 35 days.....2225
 TOTAL COST, \$8860

Bond, \$4430. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Specifications only filed.

(4025) N BROADWAY 171-10½ W Grant Ave W 68-9XN 137-6. Mill, lumber, carpenter, stair, rough hardware, finish hardware and labor for two-story Class "A" theatre bldg.
 Owner.....Nellie Harris.
 Architect.....Rousseau & Rousseau, Monadnock Bldg., S. F.
 Contractor.....Hofmeister & Berdahl, 708 Webster, S. F.

Filed Nov. 3, '13. Dated Oct. 20, '13.
 Standing trim ready for painter.....\$881.25
 Completed.....88125
 Usual 35 days, cash \$237.50; Note \$644.
 TOTAL COST, \$2644.00

Bond, \$1322. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(4026) ELECTRIC WORK ON ABOVE Contractor..The Turner Co., 278 Natoma, San Francisco.
 Filed Nov. 3, '13. Dated Sept. 22, '13.
 Wiring and conduit work roughed in.....\$820.33
 Completed and accepted Note. \$20.33
 Usual 35 days, Note.....\$20.34
 TOTAL COST, \$2461.00

Bond, \$1230.50. Surety, Massachusetts Bonding & Insurance Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(4027) NW BRYANT 68 SW Main SW 22x65. All work for one-story frame restaurant.
 Owner.....C. Kristovich, B. Mensich & J. Klescouices, 62 Townsend, San Francisco.
 Architect.....None.
 Contractor.....N. F. Nelson, 117 Laidley, San Francisco.

Filed Nov. 3, '13. Dated Oct. 31, '13.
 Frame up.....25%
 Plastering completed.....25%
 Completed.....25%
 Usual 35 days.....25%
 TOTAL COST, \$1725
 Bond, none. Limit, 40 days after Nov. 3. Forfeit, \$10. Plans and specifications filed.

(4028) E THIRTY-FIFTH AVE 120 S "C." Carpenter work, plumbing, outside painting, plastering and brick work for two-story frame residence.
 Owner.....Louis D. Gandon or Gandon & I. M. Gandon, 1108 Market, San Francisco.
 Architect.....Plans by Owner.
 Contractor.....W. H. Upham, 478 35th Ave., San Francisco.

Filed Nov. 3, '13. Dated Oct. 28, '13.
 Frame up ready for sheathing.....\$625
 Plumbing roughed in and 1st coat of plaster on.....625
 Completed and accepted.....625
 Usual 35 days.....625
 TOTAL COST, \$2500

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4029) NE MARKET AND SANCHEZ. Alter front and interior of store.
 Owner.....Mrs. E. L. O'Neil, Melrose, California.
 Architect.....None.
 Contractor.....C. D. Rankin, 724 Gough, San Francisco.
 COST, \$400

(4030) SE POLK & SACRAMENTO. Install bootblack stand.
 Owner.....Herbert Galey, Premises.
 Architect.....None.

Contractor..J. W. Johnson, 1038 14th, San Francisco.
 COST, \$400

(4031) NE JONES AND POST. Minor repairs.
 Owner.....Mr. Krueger, Premises.
 Architect.....None.
 Contractor..J. Johanson, 110 Jessie, San Francisco.
 COST, \$450

(4032) SW BRAZIL AND MADRID. Repair saloon and dwelling.
 Owner.....G. Grau, 338 Brazil, S. F.
 Architect.....None.
 Contractor..John Casty, 327 Brazil Ave San Francisco.
 COST, \$1000

(4033) NO. 513 SIXTH. Construct freight elevator and alter stairway.
 Owner.....Patek & Co., Premises.
 Architect.....None.
 Contractor..Gustav Peterson, Prem.
 COST, \$400

(4034) NO. 100 MARKET. Alter front and metal lath and plaster partition.
 Owner.....M. A. Gunst, California & Front, San Francisco.
 Architect.....None.
 Contractor..The Levl Fixture Shop, 446 6th, San Francisco.
 COST, \$500

(4035) W WANDA 140 S Ocean Ave. One and one-half-story and basement frame dwelling.
 Owner.....Geo. F. Voight, 276 29th, San Francisco.
 Architect.....None.
 Day's work.....COST, \$1900

(4036) N SUTTER 100 W Powell 37½ x137½. Plumbing for eight-story hotel building.
 Owner.....M. D. Grosh, E. G. Larezelere and Louise M. Sage, 809 Mills Bldg., S. F.
 Architect.....N. W. Sexton, Chronicle Bldg., San Francisco.
 Contractor..William Wade, 327 Guerrero, San Francisco.

Filed Nov. 4, '13. Dated Oct. 27, '13.
 On list of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$15,871
 Bond, none. Limit, Jan. 11, 1914. Forfeit, \$30. Plans and specifications filed.

(4037) S BROADWAY 122-6 E Mason 25x75. All work except finish hardware, gas and electric fixtures, painting and window shades for three-story and basement frame flats.
 Owner.....N. Dentoni, 567 Broadway, San Francisco.
 Architect.....None.
 Contractor.....Devenenzi Bros. & Co., 1609 Union, San Francisco.

Filed Nov. 4, '13. Dated Oct. 29, '13.
 Frame up.....\$1125
 Brown coated.....1125
 Completed and accepted.....1125
 Usual 35 days.....1123
 TOTAL COST, \$4500

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4038) S RICHLAND AVE 475 W Murray W 25 S 100, Lot 7 Bk 5 Holly Park Tract. All work for one and one-half-story and basement cottage
 Owner.....H. Fagan, 3430 Mississipp, San Francisco.
 Architect.....Plans by Contractor.
 Contractor..W. Miller, 49 Park, S. F.

Filed Nov. 4, '13. Dated Nov. 3, '13.

Frame up\$575
Brown coated 575
Finished 575
Usual 35 days..... 575

TOTAL COST, \$2300

Bond, \$2300. Sureties, J. Miller and M. Mazeau. Limit, 60 days after Nov. 6. Forfeit, none. Plans and specifications filed.

(4039) E TWELFTH AVE 50 N "A" N 25x82-6. All work except mantels, shades, gas and electric fixtures and finish hardware for two-story and basement frame building.

Owner.....Geo. E. and Mary A. Mitchell, 478 12th Ave., San Francisco.

Designer...J. Nicolaisen, 173 23rd Ave. San Francisco.

Contractor...Max Hantzsché and F. McKay.

Filed Nov. 4, '13. Dated July 21, '13.
Frame up\$1081
Brown coated 1081
Completed 1081
Usual 35 days..... 1081

TOTAL COST, \$4324

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(4040) SW ALMA AND BELVEDERE. Two-story and basement frame (4) apartments.

Owner.....Erikson & Felling, 224 Moultrie, San Francisco.

Architect...Gust Erikson, 224 Moultrie San Francisco.

Day's work. COST, \$5000

(4041) E NINETEENTH AVE 175 S Anza. One and one-half-story and basement frame residence.

Owner.....B. J. Hooper, 450 14th Ave San Francisco.

Architect...None.

Day's work. COST, \$2300

(4042) E NINETEENTH AVE 150 S Anza. One and one-half-story and basement frame residence.

Owner.....B. J. Hooper, 450 12th Ave., San Francisco.

Architect...None.

Day's work. COST, \$2300

(4043) NE McALLISTER & WEBSTER. Erect out walls, widen stairs and put in two air shafts.

Owner.....N. Goetjen, 906 Webster, San Francisco.

Architect...None.

Contractor...Vanderford & Alleigh, 1422 Franklin, San Francisco.

COST, \$750

(4044) E EIGHTEENTH AVE 153-11 N Clement. Two-story and basement frame dwelling.

Owner.....A. Donovan, 470 Sanchez, San Francisco.

Architect...None.

Day's work. COST, \$1800

(4045) NO. 3293 MISSION. Alter front

Owner.....L. Samuels, Premises.

Architect...None.

Contractor...Wm. Harper.

COST, \$400

(4046) S GASTENANEDA 70 W San Marcus, Forrest Hill. Two-story and basement frame residence.

Owner.....Cleeve Carson & Son, 219 32nd Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(4047) S WASHINGTON 50 W Brenham. Erect, lath and plaster partition

Owner.....H. R. Williar, Premises.

Architect...W. H. Crim, 425 Kearny, San Francisco.

Day's work. COST, \$450

(4048) N LOMBARD 168 W Powell W 30-6xN 137-6. All work except gas fixtures, shades and finish hardware, grading and excavation for two-story frame flats.

Owner.....Primo Braghetta, Prem.

Architect...L. Traverso, 834 Union, San Francisco.

Contractor...Andrea Debedetti and G. Cuneo, 20 Cotter, S. F.

Filed Nov. 5, '13. Dated Nov. 4, '13.

Enclosed and roof on.....\$925

Brown coated 925

Completed and accepted..... 925

Usual 35 days..... 925

TOTAL COST, \$3700

Bond, \$1850. Sureties, Pio De Martini and Antonio Crovo. Limit, 90 days after Nov. 6. Forfeit, none. Plans and specifications filed.

(4049) LOTS 13 AND 14 BLK 9 St. Francis Wood com at intr of dividing line between Lots 14 and 15 Blk 9 and E line San Fernando Way N 75 deg

19 min 59 sec E 100 S 33.93 S 80 deg 26 min 55 sec W 100 N 25 ptn Lot 15

Blk 9 St. Francis Wood being NE San Fernando Way and Corbett Ave.

All work except painting and plumbing, etc., for two-story and basement frame residence and garage.

Owner.....H. O. Harrison, Van Ness and Post, San Francisco.

Architect...Ward & Blohme, Alaska-Commercial Bldg., S. F.

Contractor...Kronnick Bros., 1659 O'Farrell, San Francisco.

Filed Nov. 5, '13. Dated Oct. 31, '13.

On 1st of each month..... 75%

36 days after, 25%.....\$2412.50

TOTAL COST, \$9650.00

Bond, \$4825. Sureties, W. H. Hammond and Wm. J. Smale. Limit, 125 days.

Forfeit, \$10. Plans and specifications filed

(4050) EXPOSITION SITE. Constructing the Court of the Four Seasons.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...Henry Bacon, New York.

Contractor...Strehlow-Freese & Petersen, Exposition Site, S. F.

Filed Nov. 6, '13. Dated Oct. 29, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$168,100

Bond, \$90,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 120 days. Forfeit, \$100. Plans and specifications filed.

(4051) NE STOCKTON & CALIFORNIA

Shoring up building, supporting all walls, excavations and back filling for Leemont Apartments.

Owner.....Margaret Lees.

Architect...Henry C. Smith, Humboldt Bank Bldg., S. F.

Contractor...D. J. and T. Sullivan.

Filed Nov. 5, '13. Dated Nov. 3, '13.

Building properly shored.....\$500

Completed 300

Usual 35 days..... 270

TOTAL COST, \$1070

Bond, \$20,000. Sureties, Chas. H. Hock and R. J. H. Forbes. Limit, none. Forfeit, none. Specifications only filed

(4052) EXCAVATING & REINFORCED concrete and cement work on underpinning on above.

Contractor...Trevia & Pasqualetti, 400 Bay, San Francisco.

Filed Nov. 5, '13. Dated Nov. 4, '13.

Piers are in.....\$1000

Concrete completed and accepted 970

Usual 35 days..... 560

TOTAL COST, \$2630

Bond, \$20,000. Sureties, Giuseppe Garassino and Domenico Trevia. Limit, 25 days. Forfeit, none. Plans and specifications filed.

NOTE:—The amounts of the bonds as given above are according to the records.

(4053) E COTTA 125 N Springdale. One-story and basement frame dwlg.

Owner.....Mrs. Margaret Ford.

Architect...None.

Contractor...H. H. Smith, Daly City.

COST, \$750

(4054) S RUSSIA 50 E Lisbon. One-story and basement frame dwelling.

Owner.....E. Malaspino, 469 London, San Francisco.

Architect...None.

Day's work. COST, \$800

(4055) NO. 556 CALIFORNIA. Remove partition and floor.

Owner.....E. A. Wasserman, 563 Pacific Bldg., S. F.

Architect...None.

Day's work. COST, \$500

(4056) SE ELLIS AND MASON. Repairs in saloon.

Owner.....S. & S. Saloon, Premises.

Architect...None.

Day's work. COST, \$400

(4057) NO. 61 CLARA. Concrete foundation and rat proof.

Owner.....Arthur Ehades, Premises.

Architect...None.

Day's work. COST, \$400

(4058) NO. 35 ELLIS. Electric sign.

Owner.....Acme Brewing Co., Prem.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$400

(4059) NO. 25 STOCKTON. Electric sign.

Owner.....Dr. G. W. Leek, Premises.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$500

(4060) E SIXTH 100 S Market. Alter and repair store.

Owner.....Maryland Dairy Lunch Co., 147 Powell, S. F.

Architect...Oliver Everett, 1940 Webster, San Francisco.

Days work . COST, \$450

(4061) NO. 224 TWENTY-FOURTH Ave. Minor repairs to residence.

Owner.....J. Meagher, 4069 13th, S. F.

Architect...None.

Contractor...Stewart & Brown, 174 Caselli Ave., S. F.

COST, \$400

(4062) W NINETEENTH AVE 300 S Anza. Two-story and basement frame cottage.

Owner.....Wm. Nolan, 1219 Webster, San Francisco.

Architect...None.

Day's work. COST, \$1850

(4063) NE FRANKLIN & O'FARRELL
One-story concrete garage.
Owner.....Roman Catholic Arch-
bishop of S. F., 1100 Frank-
lin, San Francisco.
Architect...None.
Contractor..James L. McLaughlin, 244
Kearny, San Francisco.
COST, \$750

(4064) W EIGHTEENTH AVE 125 N
Lake. Two-story and basement frame
residence.
Owner.....Matthew A. Little, 1347 4th
Ave., San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work COST, \$7000

(4065) W EIGHTEENTH AVE 150 N
Lake. Two-story and basement frame
residence.
Owner.....Matthew A. Little, 1347 4th
Ave., San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work COST, \$7000

(4066) W EIGHTH AVE 144-6 S Law-
ton. Two-story and basement frame
residence.
Owner.....H. B. Allen and L. D. Allen,
128 Sutter, San Francisco.
Architect...Albert Parr, 68 Post, S. F.
Contractor..Allen & Co., 128 Sutter,
San Francisco.
COST, \$3000

(4067) W EIGHTH AVE 200-6 S Law-
ton. Two-story and basement frame
residence.
Owner.....H. B. Allen and L. D. Allen,
128 Sutter, San Francisco.
Architect...Albert Parr, 68 Post, S. F.
Contractor..Allen & Co., 128 Sutter,
San Francisco.
COST, \$3000

(4068) NO. 625 ASHBURY. Hot water
circulating system and oil burning
equipment for dwelling.
Owner.....Henrietta Gassner.
Architect...D. J. Patterson, 57 Post,
San Francisco.
Contractor..The Burnham Plumbing
Co., 1220 Webster, S. F.
Filed Nov. 5, '13. Dated Oct. 29, '13.
Oil storage tank and all piping
and boiler in position..... 50%
When plant is accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$1526.80
Bond, \$763. Surety, The Aetna Accident
Liability Co. Limit, 40 days. Forfeit,
none. Specifications only filed.

(4069) S VALLEJO 112-6 W Leaven-
worth W 25xS 71-1. All work for
three-story and basement frame flats.
Owner.....Minnie & Edward Palmer.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Contractor..J. T. McInnis, 1034 Noe,
San Francisco.
Filed Nov. 6, '13. Dated Nov. 4, '13.
Frame up\$1650
Rough plaster on..... 1650
Completed and accepted..... 1650
Usual 35 days..... 1650
TOTAL COST, \$6600
Bond, \$3300. Sureties, A. T. Mills and
D. B. Macdonald. Limit, 90 days. For-
feit, \$5. Plans and specifications filed

(4070) N ARMY, bet Folsom and
Shotwell and NE Army and Folsom.
Construction of recreation grounds
and fences for boys and also for girls.

Owner.....J. W. Kerr, Chas. C. Wads-
worth, J. H. Sammi, George
W. Reed, R. V. Lucy, Her-
man Van Loven and H. T.
Harper as Trustees of
Cogswell Polytechnical Col-
lege.

Architect...J. C. Black.
Contractor..Robert Trost, 26th and
Howard, San Francisco.
Filed Nov. 6, '13. Dated Nov. 5, '13.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$11,200
Bond, \$7500. Surety, Globe Indemnity
Co. Limit, 90 days. Forfeit, \$50. Plans
and specifications filed.

(4071) SE PORTION OF PALACE
Hotel Building on NW Montgomery
and Jessie. Carpenter, tiling, mill,
plastering, marble work, etc., for
alterations and additions.
Owner.....The Transportation Club,
Inc.
Architect...Albert Schroepfer, 62 Post,
San Francisco.
Contractor..Mager Bros, 180 Jessie,
San Francisco.

Filed Nov. 7, '13. Dated Nov. 6, '13.
White coated\$1000
Ready for painter..... 1000
Completed and accepted..... 1300
Usual 35 days..... 1135
TOTAL COST, \$4435
Bond, \$2300. Sureties, Elmo Collins and
D. B. Macdonald. Limit, 40 days. For-
feit, none. Plans and specifications
filed.

(4072) PAINTING, STAINING, BUR-
lap, paper hanging, mural painting,
etc., on above.
Contractor..A. C. Woecker, 1370 Sutter,
San Francisco.
Filed Nov. 7, '13. Dated Nov. 6, '13.
Completed and accepted.....\$1050
Usual 35 days..... 350
TOTAL COST, \$1400
Bond, \$700 Surety, National Surety
Co. Limit, 40 days. Forfeit, none.
Plans and specifications filed.

(4073) PLUMBING, ETC., ON ABOVE.
Contractor..J. M. Lettich.
Filed Nov. 7, '13. Dated Nov. 6, '13.
Roughed in\$150
Completed and accepted..... 350
Usual 35 days..... 175
TOTAL COST, \$675
Bond, none Limit, 40 days. Forfeit,
none. Plans and specifications filed.

(4074) ONE AUTOMATIC ELECTRIC
push button controlled dumb waiter
on above.
Contractor..S. F. Elevator Co., 860 Fol-
som, San Francisco.
Filed Nov. 7, '13. Dated Nov. 6, '13
Completed and accepted.....\$330
Usual 35 days..... 110
TOTAL COST, \$440
Bond, none. Limit, 40 days. Forfeit,
none. Plans and specifications filed.

(4075) OAK FLOORING ON ABOVE.
Contractor..Hardwood Interior Co., 554
Bryant, San Francisco.
Filed Nov. 7, '13. Dated Nov. 6, '13.
Completed and accepted.....\$375
TOTAL COST, \$500
Bond, none. Limit, 40 days. Forfeit,
none. Plans and specifications filed.

(4076) ELECTRICAL WORK ON
above.
Contractor..Decker Elec. Constr. Co.,
111 New Montgomery, S. F.

Filed Nov. 7, '13. Dated Nov. 6, '13
Roughed in\$160
Completed and accepted..... 200
Usual 35 days..... 120
TOTAL COST, \$480
Bond, none. Limit, as fast as possible.
Forfeit, none. Plans and specifications
filed.

(4077) EXPOSITION SITE. Plumb-
ing, sewer, water and gas pipes
for Fine Arts Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
Bldg., San Francisco.
Architect...B. R. Maybeck, Lick Bldg.,
San Francisco.
Contractor..John G. Sutton Co., 243
Minna San Francisco.
Filed Nov. 7, '13. Dated Nov. 4, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4170
Bond, \$3000. Surety, National Surety
Co. Limit, 200 days. Forfeit, \$10.
Plans and specifications filed.

(4078) W STOCKTON 137-6 N Sacra-
mento W 100xN 40. All work except
plumbing, finish hardware, excava-
tion and foundation for stores and
rooms.
Owner.....T. J. Gintee, 627 Com-
mercial, San Francisco.
Architect...Chas. C. Frye, 20 Mont-
gomery, San Francisco
Contractor..A. Knieling, 125 Waverly
Place, San Francisco.
Filed Nov. 7, '13. Dated Nov. 6, '13.
2nd floor joists set.....\$2850
Roof boarded 2850
Enclosed 2850
Completed and accepted..... 2850
Usual 35 days..... 2850
TOTAL COST, \$15,200
Bond, \$7600. Surety, Guardian Casualty
& Guaranty Co. Limit, 120 days. For-
feit, \$5. Plans and specifications filed.

(4079) EXPOSITION SITE. Plumbing,
sewers, water and gas pipes and hot
water heating for Horticultural
Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
Bldg., San Francisco.
Architect...Bakewell & Brown, 251
Kearny, San Francisco.
Contractor..Wittman, Lyman & Co.,
341 Minna, San Francisco.
Filed Nov. 7, '13. Dated Nov. 4, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3992
Bond, \$2500. Surety, Massachusetts
Bonding & Insurance Co. Limit, 180
days. Forfeit, \$10. Plans and speci-
fications filed.

(4080) SW GROVE AND LARKIN W
412-6xS 275. Plumbing, heating, ven-
tilating system and electric wiring
for Exposition Auditorium Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
Bldg., San Francisco.
Architect...John G. Howard, F. H.
Meyer and John Reid Jr.,
604 Mission, San Francisco
Contractor..Frederick W. Snook Co.,
596 Clay, San Francisco.
Filed Nov. 7, '13. Dated Nov. 4, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$20,277
Bond, \$12,000. Surety, Aetna Accident
& Liability Co. Limit, Sept. 30, 1914.
Forfeit, \$35. Plans and specifications
filed.

(4081) W FOURTH AND JESSIE NW
75xSW 75. Ornamental iron work for
eight-story Class "C" building.
Owner.....Mary L. Phelan.
Architect...William Currett & Son,
Phelan Bldg., S. F.
Contractor...California Artistic Metal &
Wire Co., 365 7th, S. F.
Filed Nov. 8, '13. Dated Oct. 31, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$6854
Bond, \$3427. Surety, National Surety
Co. Limit, 60 days. Forfeit, none.
Plans and specifications filed.

(4082) N FILBERT 133-9 W Broderick
W 25xN 137-6. Alterations and addi-
tions to residence.
Owner.....Mollie B. and Elliot G.
Jackson, 2736 Filbert, S. F.
Architect...None.
Contractor...The Western Builders.
Filed Nov. 8, '13. Dated Nov. 7, '13.
Roof on 317
Plastering on 317
Completed 317
Usual 35 days..... 319
TOTAL COST, \$1270
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(4083) E EIGHTEENTH AVE 125 NW
from NW Irving NE 37-6xE 120 OL
656. All work except gas and electric
fixtures, shades, coal grates, baskets
and painting for two-story and base-
ment frame flats.
Owner.....Mary V. Ethel M. and Helen
R. Wagner, 70 Liberty, S. F.
Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.
Contractor...J. Eric Johanson, 2726 20th
San Francisco.
Filed Nov. 8, '13. Dated Nov. 7, '13.
Frame up and enclosed.....\$1586.75
Brown coated 1586.75
Completed and accepted..... 1586.75
Usual 35 days..... 1586.75
TOTAL COST, \$6347.00
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

(4084) NO. 2733 PIERCE. Alterations
and additions to residence.
Owner.....H. S. Safford, Premises.
Architect...Jos. J. Rankin and E. J.
Symmes.
Contractor...P. N. Schmidt, 1872 Ver-
sailles Ave., Alameda.
Filed Nov. 8, '13. Dated Nov. 7, '13.
Plastering completed 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
Cost of labor and material plus 10%
TOTAL COST not to exceed \$3000
Bond, none. Limit, 65 days. Forfeit,
none. Plans and specifications filed.

(4085) NW MARKET 28-4 SW Van
Ness Ave SW 27-1% N 71-7% E 22 S
55-9. Foundations, excavation, build-
materials, etc., for one-story and
basement brick store building.
Owner.....Sarah Mogan, Cde R. F.
Mogan, Phelan Bldg., S. F.
Architect...T. H. Denke, 1317 Hyde,
San Francisco.
Contractor...F. G. Denke, 1445 11th Ave
San Francisco.
Filed Nov. 8, '13. Dated Nov. 5, '13.
Brick walls ready for 1st floor
joists 950
Brick work ready for ceiling
joists 950
Completed and accepted..... 950

Usual 35 days..... 950
TOTAL COST, \$3800
Bond, \$1900. Sureties, E. H. Denke and
H. E. Drake. Limit, 75 days. Forfeit,
\$.50. Plans and specifications filed.

(4086) S LOMBARD 42-6 E Child 22x
107-6. All work except painting, gas
and electric fixtures, window shades
and finish hardware for two-story
and basement frame flats.
Owner.....Jos. A. Florio.
Architect...Plans by owner.
Contractor...A. De Benedetti & G. Cuneo
20 Cotter, San Francisco.
Filed Nov. 8, '13. Dated Nov. 5, '13.
Roof on \$500
Brown coated 500
Completed and accepted..... 675
Usual 35 days..... 657
TOTAL COST, \$2350
Bond, \$1175. Sureties, Geo. Ferretti and
N. Capurro. Limit, 90 days after Nov.
10. Forfeit, none. Plans and specifi-
cation filed.

BUILDING OPERATIONS SINCE THE FIRE.

Private building activities through-
out the city, as reported by the Bureau
(1 Building Inspection of the Board of
Public Works, from May 1906 to October
31st, 1913, show a total of 47,461 per-
mits issued. The estimated cost of this
work amounting to \$232,074,781. Com-
plete report as follows:

Class	No. of Bldgs.	Amount
Class "A"	162	\$ 32,112,954
Class "B"	194	14,236,691
Class "C"	2604	77,584,843
Frames	25,98	91,110,065
Alterations	26463	17,030,228
Total	47461	\$232,074,781

COMPLETION NOTICES.

San Francisco.

Nov. 1, 1913—LOT 10 BIK-K Crocker
Amazon Tct. James and Catherine
Flynn to O E Evans.....Oct. 29, 1913
Nov. 1, 1913—55 FEET 11 INCHES
from Market, bet Drumm and Em-
barcadero. Albert Pissis to M V
Brady.....Oct. 31, 1913
Nov. 1, 1913—SW BRODERICK &
Hayes W 96-10½xS 25. Frederick
Klopfier to Mager Bros.....Oct. 22, 1913
Nov. 1, 1913—N HAIGHT 159-6 W
Octavia W 40xN 120. G G Burnett
Co to Harry C Warwick.....
.....Completed
Nov. 1, 1913—E NINETEENTH AVE
125 N Anza N 25xE 120. Joseph C
Kirby to whom it may concern.....
.....Nov. 1, 1913
Nov. 1, 1913—SE PINE & LEAVEN-
worth E 37-6xS 87-6. Theo E Rulfs
to De Croupet & Hyrup.....Nov. 1, 1913
Nov. 3, 1913—E HOLLIS, bet Ellis
and O'Farrell; Nos. 46, 48, 50 Hollis
J A Bergerot to Peter Hansen.....
.....Oct. 30, 1913
Nov. 3, 1913—N BROADWAY 114-1%
E Lyon E 45xN 137-6. S L Naphaly
to Cavanagh & Vezina.....Oct. 31, 1913
Nov. 3, 1913—S NINETEENTH 37-2 E
Eureka 25 on 19th x 85. Algot
Nelson to whom it may concern.....
.....Oct. 29, 1913
Nov. 3, 1913—E ROTTECK Dist N 27
deg 45 min W 50 fm N bdy line of
Spring Valley Hld Tct N 27 deg 45
min W 25 N 54 deg 30 min E 59-5 S
62 deg E 27-7 S 54 deg 30 min W

75-4 Lot 41 Saloman's Map Rock
Ranch August Hormay to whom
it may concern.....Oct. 9, 1913
Nov. 3, 1913—S SUTTER 137-6 E
Larkin E 57-6 S 110-5 E 40 S 26-10
W 97-6 N 137-6. Winslow Ander-
son to The California Elec Co and
M C Martinie, Oct. 15; John G
Sutton & Co.....Oct. 15, 1913
Nov. 3, 1913—E STOCKTON 50 S
Sutter E 80xS 40-5% Sierrra Inv
Co to Joost Bros.....Oct. 31, 1913
Nov. 3, 1913—E RICH 100 S Folsom
25x80. Peter J Smith to Segursion
Bros.....Nov. 3, 1913
Nov. 4, 1913—S CASSELY AVE 29-2
E Clover Lane 125x100; Lots 6 to 10
Clover Heights. The Anglo Ameri-
can Land Co to Taylor & Co.....
.....Oct. 30, 1913
Nov. 4, 1913—SW TWENTY-FIRST
and Harrison. Ford Motor Co to
American Elec Eng Co.....Oct. 14, 1913
Nov. 4, 1913—SE HARRISON 195 SW
Third SE 80 SW 5 SE 80 NW 50 NW
80 SW 25 NW 80 NE NW. B Jose-
phine O'Neil to Sjogren Bros and
R Zelinsky.....Oct. 29, 1913
Nov. 4, 1913—SW TWENTY-FIRST &
Harrison. Ford Motor Co to Con-
don & Band.....Oct. 24, 1913
Nov. 5, 1913—S CLEMENT 50 W 20th
Ave W 25xS 100. Chas F Johnson
to George F Cleese.....Oct. 31, 1913
Nov. 5, 1913—SE SUTTER & JONES
S 100xE 72. Starr & Larsen to
Central Iron Works.....Oct. 30, 1913
Nov. 5, 1913—E SEVENTH AVE 200
S Judah S 25xE 120. W D Cham-
berlin to M C Rensch.....Nov. 4, 1913
Nov. 5, 1913—NE WASHINGTON &
Octavia E 137-6xN 127-8% A B
Spreckels to Pacific Mfg Co.....
.....Nov. 1, 1913
Nov. 5, 1913—N PACIFIC 45 W Hyde.
Silvio Perasso to L Cereghino &
SonNov. 5, 1913
Nov. 5, 1913—E FIFTEENTH AVE 30
S Anza S 30xE 77. Leigh & Schults
to whom it may concern.....Nov. 5, 1913
Nov. 5, 1913—E FIFTEENTH AVE
150 N California E 127-6xN 50.
Marietta Dyar to Percy D Tyler.....
.....Nov. 5, 1913
Nov. 5, 1913—LOT 25 Sub W 1/2 O L
Bik 295. Leonard T Pockman and
Adolph Rosenshine to whom it may
concern.....Nov. 3, 1913
Nov. 5, 1913—NE POLK & AUSTIN
Ave N 60xE 62. The Wright Invest
Co to Flaherty & Ogle.....Oct. 29, 1913
Nov. 5, 1913—W ELEVENTH AVE
175 N California N 25xW 120. Marie
Peyrouet to Arthur Elvin
.....Oct. 31, 1913
Nov. 7, 1913—S MADISON 50 NW
Peltan NW 25 SW 95 SE 25 to beg
pt Lot 4 Bik 146 Univ Extn Hld
Ass'n. Erick Evers to whom it
may concern.....Nov. 6, 1913
Nov. 7, 1913—S NINETEENTH 260 E
Dolores E 25xS 114. Domenico
Dematteli to Norio Cavaglia.....
.....Nov. 1, 1913
Nov. 7, 1913—SE CALIFORNIA AND
Leidesdorff fronting N on Califor-
nia and at rear end 107-6 and ex-
tending on E and W 137-6. The
Insurance Exchange, Inc. to The
American Marble & Mosaic Co.
Nov. 5; Itudger Merle Co, Nov. 5;
J H Keefe & Co.....Nov. 5, 1913
Nov. 7, 1913—NW EAST & HOWARD
W 137-6xN 45-10. Pope & Talbot
Land Co to Holm & Son.....Nov. 3, 1913
Nov. 7, 1913—SE BATTERY AND
Halleck S 34-6xE 77-6. Isaac
Kohn to Western Iron Works....

Nov. 4, 1913—Nov. 4, 1913
Nov. 7, 1913—NW NAGLEE AND
Huron Ave 100x225. Cesare Ivani
to De Benedette and G. Cuneo....
Nov. 6, 1913—Nov. 6, 1913
Nov. 7, 1913—S UNION 99 E Grant
Ave E 24-10 — 68-9 W 24-10 N 68-9
C Arieta to Devencenzi Bros & Co
Nov. 6, 1913—Nov. 7, 1913
Nov. 7, 1913—W LISBON 150 S Ex-
cellor Ave. Ward C Brown to
whom it may concern...Nov. 7, 1913
Nov. 6, 1913—E SAN BRUNO AVE 200
N 22nd Ave N 25x E 100. John
Harang to W A Savage...Nov. 6, 1913
Nov. 6, 1913—E MASON 137-6 N O'Far-
rell N 32-6 E 137-6 S 51-4 1/2 W 60
— 18-104. Wm F Wilson Estate
to Bradley & O'Reilly...Oct. 29, 1913
Nov. 6, 1913—NE WASHINGTON &
Octavia E 137-6xN 127-8 1/2. A B
Spreckels to W P Fuller & Co....
Nov. 6, 1913—Oct. 29, 1913
Nov. 6, 1913—E TAYLOR 114-7 N Sul-
ter No. 728 Taylor. H I Hogrefe
to whom it may concern...Nov. 6, 1913
Nov. 6, 1913—LOT 12 BLK 5 Crocker
Amazon Tract. Henry Brutt and
George Campbell to whom it may
concern...Nov. 5, 1913
Nov. 6, 1913—LOT 11 BLK 5 Crocker
Amazon Aract. Henry Brutt and
George Campbell to whom it may
concern...Nov. 5, 1913
Nov. 6, 1913—SE SIXTH AND MINNA
E 100 S 75 W 25 N 50 W 75 N 25.
Large Invest Co to Amsler Sheet
Metal Works...Nov. 1, 1913
Nov. 6, 1913—N JACKSON 97-6 E
Locust N 127-8 1/2x E 40. Kate and
Alexander D Keyes to Brockhage,
Foley & Green, Oct. 31; F Kiesel...
Nov. 6, 1913—Oct. 30, 1913
Nov. 6, 1913—W ROUSSEAU 75 S
Bosworth S 25xW 100 Ptn Blk 7.
De Boom Tract. E D Swift and
James F Heffernan to whom it may
concern...Nov. 5, 1913

LIENS FILED

SAN FRANCISCO COUNTY.

Nov. 1, 1913—SE PINE & POWELL
E 68-6xS 60. John M Boscus and
Peter J Boscus (as Boscus Bros) vs
John H Bohlig and Geo H Stoffels
.....\$2417
Nov. 3, 1913—W SEVENTH AVE 175
N Irving N 100xW 120. W P Fuller
& Co vs E B Hallett.....\$552.20
Nov. 5, 1913—SW SANCHEZ AND
Elizabeth 25 on Sanchez and 101-9
on Elizabeth. J B Ayres vs Martha
Anderson and A W Burnett as (A
W Burnett & Co.).....\$146.35
Nov. 5, 1913—E LARKIN 87-6 N
Broadway N 25x E 137-6. The Gas
Appliance Sales Co. of America vs
A D Van Dorn.....\$40
Nov. 6, 1913—NE CALIFORNIA AND
Van Ness Ave N 142-2 1/4 E 137-6 S
4-8 1/4 W 37-6 S 137-6. City Supply
Co cpn vs Chas Peterson and Geo
P Rupp as (Peterson, Rupp & Co),
H C Pendleton, W F Cordes, Brad-
bury Estate Invest Co and Royal
Invest Co\$225

OAKLAND AND ALAMEDA

RESIDENCE—2 story and base,
frame, \$3,750. Oakland, Cal. Archi-
tects, Hutchinson Bros, 470 13th street,
Oakland. Owner, M. C. Vaughn. The
dwelling has been designed for a seven
room house and will be erected in the

Fourth Avenue Terrace. Interior fin-
ish will be of pine and redwood. Hard-
wood floors will be used in the living
room, dining room and reception hall.
Plans provide for furnace heat and
open fire places. Mantels will be of
tile or brick. Bath room will have
tile wainscot and composition floors.
An automatic water heater will be in-
stalled. Tile wainscot will also be
used in the kitchen. Exterior of the
dwelling will be covered with cement
plaster on metal lath. Plans are com-
plete and work will be done by Day
Labor. All materials are being pur-
chased.

RESIDENCE—2 story and base,
frame, \$4,000. Berkeley, Alameda Co.,
Cal. Architect, Maury I. Diggs, 2544
Bowditch street, Berkeley. Owners,
Marshall-Diggs Cos. The dwelling has
been designed for an eight room house
with bath and sleeping porch and will
be erected on the south side of Russell
street west of Claremont. Interior
finish will be largely of pine and red-
wood. Hardwood floors will be used
in the living room, dining room and
reception hall. There will be furnace
heat and open fire places. Mantels
will be of tile. There will be tile
wainscot in the bath rooms and kitchen.
Exterior of the house will be covered
with cement plaster on metal lath.
An automatic water heater will be in-
stalled. Plans are complete and the
work will be done by Day Labor. All
materials are being purchased by the
owners.

RESIDENCE—2 story and base,
frame, \$4,500. Oakland, Cal. Architect,
Charles W. McCall, Central Bank Bldg.,
Oakland. Owner, Mrs. Parker. The
house will be erected in the Fourth
Avenue Terrace and has been designed
to contain seven rooms, bath and sleep-
ing porch. Interior finish will be of
pine, redwood and hardwood veneer.
There will be furnace heat and open
fire places. Hardwood floors will be
used in the principal rooms. Man-
tels will be of tile or brick. Tile wains-
cot and composition floors will be used
in the bath rooms. An automatic water
heater will be installed. Exterior of
the house will be covered with cement
plaster on metal lath. Plans are now
being prepared.

RESIDENCE—2 story, attic and
base, frame. Cost not stated. Berke-
ley, Alameda Co., Cal. Architect, Albert
Farr, Foxcroft Bldg., S. F. Owner,
H. M. Wright. The dwelling will be
erected in Claremont Court and has
been designed to contain seven rooms,
baths and sleeping porch. All interior
finish will be of pine or redwood.
Hardwood floors will be used in the
living room, dining room and recep-
tion hall. There will be furnace heat
and open fire places. Mantels will be
of tile or brick. Tile wainscot will be
used in the bath rooms and kitchens.
An automatic water heater will be in-
stalled. Exterior of the house will be
covered with cement plaster on metal
lath. Plans are complete and figures
are being taken.

APARTMENT HOUSE—3 story and
base, frame. Cost not stated. Berke-
ley, Alameda Co., Cal. Architect, John
Carson, Bacon Bldg, Oakland. Owner,
E. R. Lamb. The building will contain
six suites of four rooms and bath each.
Interior finish will be of pine with
some elm panels and hardwood floors.
A central heating system, probably hot
air, will be installed. All rooms will be

supplied with hot and cold running
water. There will be private bath
rooms and wall beds. Bath rooms will
have composition floors and tile wains-
cot. Exterior of the building will be
faced with cement plaster on metal
lath and shiplap. Plans are now be-
ing prepared and when complete the
work will be done by Day Labor.

GARAGE—1 story and base, brick.
Cost not stated. Oakland, Cal. Archi-
tects, Rousseau and Rousseau, Monad-
nock Bldg., S. F. Owners, H. O. Har-
rison Co. The building will be erected
on the east side of Broadway between
29th and 30th streets, covering a con-
siderable ground area. Front portion
of the building will be handsomely fin-
ished in pine, hardwood and tile. Rear
portion will contain the repair shop
and shipping department. There will
be a tile floor and considerable marble
work. Plans call for metal window
sash and frames and patent store
fronts. Exterior of the building will
be faced with pressed brick. Plans are
complete and figures are being taken.

HOTEL AND STORES—3 story and
base, brick and steel, \$35,000. Oakland,
Cal. Architects, Bakewell and Brown,
251 Kearny street, S. F. Owner, R. G.
Ellis. The building will be erected at
the southwest corner of 10th and
Franklin streets. The first floor will be
arranged for a number of stores be-
sides the entrance to the hotel. Upper
floors will contain in the neighborhood
of 75 guest rooms and a number of pub-
lic and private baths. Interior finish
will be of pine and redwood with some
elm panels. There will be steam heat
and a hot water plant. Bath rooms
will have composition floors and tile
wainscot. Metal window sash and
frames are specified. Exterior of the
building will be faced with pressed
brick. Plans are complete and in the
hands of the contractors for figures. A
contract will be awarded shortly.

BUNGALOW—1 story and base,
frame, \$2,500. Oakland, Cal. Archi-
tects, Newsom and Dixon, 1844 5th ave-
nue, Oakland. Owner, W. C. Burrell.
The dwelling has been designed for a
six room house with bath and sleeping
porch. Interior will be finished en-
tirely in pine. Some oak floors will be
used. A large open fire place will be
a feature of the living room. Mantel
will be of brick. Tile will be used in
the bath room and kitchen. Exterior
of the dwelling will be covered with
cement plaster on metal lath. Plans
are complete and the work will be done
by Day Labor.

Contracts Awarded.

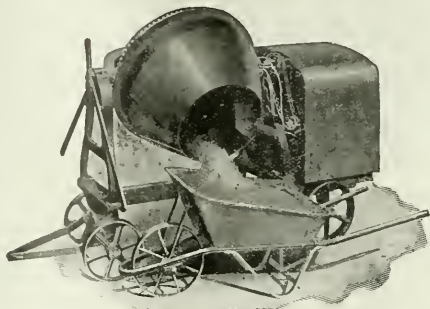
GARAGE—1 story and base, brick
and steel, \$10,500. Oakland, Cal. Ar-
chitects, Rousseau and Rousseau, Mon-
adnock Bldg., S. F. Owner, F. W.
Taylor, Contractors, Finley and Sea-
holm, brick work only. Contract price,
\$3,100. George G. Knepper and H. J.
Horst, Alameda, general carpentry
work, contract price, \$7,200.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
3248	Jones	Jones	1800
3249	Woodburn	Woodburn	1950
3254	Vaughn	Vaughn	3000
3255	Healey	Bullock	3944
3256	Pray	Bullock	3200
3257	Cowan	Cowan	1000
3258	Samuels	Simms	600
3259	Phillips	Mills	400
3264	Thomas	Brown	1060

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"A Mix a Minute"

BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations, bridges, walls, culverts, etc.

The Best in Contractors Equipment

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San Francisco

3265	ColemanKoegler	100
3266	HammerbergOwner	2000
3267	RaymondShepard	2500
3271	1st Trust	.....Randall	2750
3272	Van Sicklen	.....Swalley	5396
3274	Thomas	.....Brown	500
3275	Same	.....Same	500
3276	Bonton	.....Norris	400
3279	Parson	.....Okd Bldg	4500
3280	Gentry	.....Shrader	400
3281	Harbaugh	.....Walker	1000
3282	Stuart	.....Stuart	2250
3284	Dean	.....Hollenbeck	2400
3286	Wing	.....Penn	2050
3287	Nolan	.....Sheridan	4900
3289	Taylor	.....Kneppier	7200
3290	Same	.....Finolia	3100
3291	Bruguere	.....Terranova	7300
3292	Same	.....Dalziel	2182
3293	Same	.....Cal Plate	1400
3294	Same	.....Anthony	10250
3295	Same	.....Ecklund	2300
3296	F & M Nl Bk	Rasmussen	5300
3297	Whitney	.....Garica	4784

(3248) S FORTIETH 200 W Howe, Oakland. One-story 5-room dwlg. Owner.....W. H. Jones, 190 40th, Okd. Architect...None. COST, \$1800

(3249) E TOWNSEND 90 S Everit Ave Oakland. One-story 5-room dwlg. Owner.....Paul E. Woodburn, 3965 Greenwood Ave., Oakland. Architect...None. COST, \$1950

(3251) W EL CENTRO 120 S 13th Ave, Oakland. Two-story 6-room dwlg. Owner.....Emma Vaughn, 5833 Ayala, Oakland. Architect...None. Contractor...M. C. Vaughn, 5833 Ayala Oakland. COST, \$3000

(3255) LOT 26 Amended Map Alta Piedmont Tract, Oakland Tp. All work for one-story, basement and attic dwelling.

Owner.....John Heafey and wife, 609 35th, Oakland.

Architect...David C. Coleman, Merchants' Nat'l. Bank Bldg., San Francisco

Contractor...O. M. Bullock, 1706 8th, Oakland.

Filed Nov. 3, '13. Dated Oct. 6, '13. Frame up and roof boards on... ¼ Exterior plastered and interior brown coated ¼ Completed and accepted..... ¼ 36 days after..... ¼ TOTAL COST, \$3944

Bond, \$2000. Sureties, W. C. Leverich and J. E. Maxwell. Limit, 75 days. Forfeit, \$5. Plans and specifications filed

(3256) SE FIFTY-NINTH & HEARN N 40x8 100, Oakland. All work for two-story and basement dwelling.

Owner.....Wm. A. Pryal & wife, 101 59th, Oakland.

Architect...David C. Coleman, Merchants' Nat'l. Bank Bldg., San Francisco.

Contractor...O. M. Bullock, 1706 8th, Oakland.

Filed Nov. 3, '13. Dated Oct. 6, '13. Frame up and roof boards on... ¼ Exterior plastered, interior brown coated and roof shingled..... ¼ Completed and accepted..... ¼ 36 days after..... ¼ TOTAL COST, \$3300

Bond, \$1650. Sureties, W. C. Leverich and J. E. Maxwell. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

(3257) N ARKANSAS 150 E Maple Ave Oakland. One-story 4-room dwlg.

Owner.....C. C. Cowan, 3556 Maple Ave., Oakland.

Architect...None.

Day's work. COST, \$1000

(3258) NO. 237 PERRY, Oakland. Addition.

Owner.....F. F. Samuels, Premises. Architect...None.

Contractor...E. Sims, 272 40th, Okd. COST, \$600

(3259) NO. 2332 RANSOME AVE., Oakland. Alter and repair.

Owner.....Elsie C. Phillips, Prem.

Architect...None. Contractor...C. H. Mills, 2217 Peralta Ave., Oakland. COST, \$400

(3264) LOT 58 Map Temescal Park; Nos. 464-466 49th and building in rear, Oakland. Fire repairs.

Owner.....W. B. Thomas, Oakland. Architect...None.

Contractor...Otis M. Brown, 5007 Webster, Oakland.

Filed Nov. 4, '13. Dated Oct. 31, '13. Completed and accepted.....\$1060

TOTAL COST, \$1060 Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(3265) NO. 1503 OAK, Oakland. Two-story garage.

Owner.....Mrs. F. R. Coleman, Prem. Architect...None.

Contractor...J. F. Koegler & Co. COST, \$1000

(3266) N CAVOUR 279 — Lawton, Oakland. One-story 5-room dwlg. Owner.....A. Hammerberg, 491 63rd, Oakland.

Architect...one.

Day's work. COST, \$2000

(3267) S KALES AVE 150 W Broadway, Oakland. One-story 4-room dwelling and garage.

Owner.....Mrs. Raymond, West Berkeley.

Architect...None.

Contractor...L. L. Shepard, 243 Alcatraz Ave., Oakland. COST, \$2500

(3271) SE SIXTEENTH AND SAN Pablo Ave NE 18.65 SE 80.10 SW 36.42 SW 75.19 N 67.46, Oakland. All work for plant for operating passenger elevator doors for eleven-story Class "A" bank and office building.

Owner.....First Trust & Savings Bank; P. J. Walker Co., Agents, Monadnock Bldg., San Francisco.

Architect...L. B. Dutton Co., Chronicle Bldg., San Francisco.

Contractor...Randall Elevator Door Control Co., 115 Mission, San Francisco.

Filed Nov. 5, '13. Dated Oct. 30, '13. Completed and accepted..... 75%

36 days after..... 25% TOTAL COST, \$2750

Bond, \$1875. Surety, Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(3272) LOT 11 East Piedmont Heights Extension, Oakland. All work for two-story dwelling.

Owner.....John Van Sicklen, 581 Vernon Ave., Oakland.

Architect...None

Contractor..H. M. Swalley, 5501 Col-
lege Ave., Oakland.
Filed Nov. 5, '13. Dated Nov. 4, '13.
Frame up and ready for roof
sheathing\$1350
Rough plaster on..... 1350
Finish in place, sash set and O
P floors laid 1350
Usual 35 days..... 1346
TOTAL COST, \$5396
Bond, none. Limit, 100 days after
Nov. 5. Forfeit, none. Plans and specifi-
cations filed.

(3274) NO. 468 FORTY-NINTH, Oak-
land. Alterations.
Owner.....W. B. Thomas, Woolsey &
Telegraph, Oakland.
Architect...None.
Contractor..O. M. Brown, 5007 Web-
ster, Oakland.
COST, \$500

(3275) NOS. 464-466 FORTY-NINTH,
Oakland. Alterations.
Owner.....W. B. Thomas, Woolsey &
Telegraph, Oakland.
Architect...None.
Contractor..O. M. Brown, 5007 Web-
ster, Oakland.
COST, \$500

(3276) NO. 197 PONTIAC AVE., Oak-
land. Alterations and additions.
Owner.....Mrs. Bonton, Premises.
Architect...None.
Contractor..J. Norris, 2936 Telegraph
Ave., Oakland.
COST, \$400

(3279) W CROFTON AVE S Boulevard
Way, Oakland. Two-story dwelling.
Owner.....Lydia J. Parsons, 348 58th,
Oakland.
Architect...None.
Contractor..Oakland Bldg. Co., Security
Bank Bldg., Oakland.
COST, \$4500

(3280) NO. 675 WESTLY AVE., Oak-
land. Garage.
Owner.....Mrs. Ida B. Gentry, 104
E-18th, Oakland.
Architect...None.
Contractor..J. F. Shrader, 520 16th, Okd
COST, \$400

(3281) NOS. 516-18 TWELFTH, Oak-
land. Alterations and repairs.
Owner.....Harbaugh Bros., 335 13th,
Oakland.
Architect...None.
Contractor..T. G. Walker, 6610 Whit-
ney, Oakland.
COST, \$1000

(3282) NW FORTY-NINTH AND COR-
onado, Oakland. One-story 5-room
dwelling.
Owner.....B. A. Stuart, 616 41st, Okd
Architect...None.
Day's work. COST, \$2250

(3283) N SIXTY-FIRST 66 W Fre-
mont, Oakland. One-story 4-room
dwelling.
Owner.....Pietro Dematteli, 5882 Val-
lejo, Oakland.
Architect...None.
Contractor..M. E. Valente, 5882 Val-
lejo, Oakland.
COST, \$1000

(3284) N NAI-EAN PLACE 75 W 55th
Ave., Oakland. One and one-half-
story 6-room dwelling.
Owner.....Dean & Wade.
Architect...None.

Contractor..G. B. Hollenbeck, 5219
Fairfax Ave., Oakland.
COST, \$2400

(3286) S NEVIL 200 W 38th Ave., Oak-
land. One and one-half-story five-
room dwelling.
Owner.....Horace Wing, 4438 Colby,
Oakland.
Architect...None.
Contractor..Theo. Fenn, 749 61st, Okd.
COST, \$2050

(3287) E SIXTY-SECOND AVE 100 N
Orion, Oakland. Two-story 8-room
dwelling.
Owner.....Rev. E. J. Nolan, 62nd Ave
and Orion, Oakland.
Architect...None.
Contractor..K. M. Sheridan, 1020
Broadway, Oakland.
COST, \$1900

(3289) NE BROOK AND BROADWAY
80x80, Oakland. All work except
brickwork, terra cotta flues and
trenches for one-story brick auto
sales room and garage.
Owner.....F. W. Taylor.
Architect...Rousseau & Rousseau,
Monadnock Bldg., S. F.
Contractor..Geo. G. Knepper and H. J.
Horst, 606 Haight Ave.
Alameda.
Filed Nov. 6, '13. Dated Oct. 27, '13.
Ready for tar and gravel roof. 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$7200
Bond, \$3600. Sureties, Wm. E. Dowling
and A. J. Dowling. Limit, 90 days after
receiving building permit. Forfeit,
none. Plans and specifications filed.

(4290) BRICK WORK, TERRA COTTA
flues and trenches on above.
Contractor..Pinnala & Seahorn
Filed Nov. 6, 13. Dated Oct. 22, '13.
Brick walls up to level ready for
truss to be set.....\$1000
Brick work completed and ac-
cepted 1100
Usual 35 days..... 1000
TOTAL COST, \$3100
Bond, \$2500. Surety, National Surety
Co. Limit, as soon as possible. Forfeit,
none. Plans and specifications filed.

(3291) NW TWELFTH AND GROVE
50x112, Oakland. Plastering for six-
story and basement brick and steel
apartment house.
Owner.....The Bruguiere Co., 133
Geary, San Francisco.
Architect...Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor..Terranova Bros., 68 Post,
San Francisco.
Filed Nov. 8, '13. Dated Nov. 5, '13.
Lathing completed\$1700
Brown coated 1700
Completed and accepted..... 1700
Usual 35 days..... 1700
Completing repair all damages
made by other sub-contractors. 500
TOTAL COST, \$7300
Bond, \$3650. Surety, Southwestern
Surety Insurance Co. Limit, 35 days.
Forefit, none. Plans and specifications
filed.

(3292) SHEET METAL AND AWNING
box on above.
Contractor..Robert Dalziel, Jr., 215
Washington, Oakland.
Filed Nov. 8, '13. Dated Nov. 5, '13.
50% of work completed.....\$516

Completed and accepted..... 816
Usual 35 days..... 550
TOTAL COST, \$2182
Bond, \$1100. Sureties, Andrew and An-
struther S. Dalziel. Limit, 25 days.
Forfeit, none. Plans and specifications
filed.

(3293) GLASS AND GLAZING ON
above,
Contractor..California Plate & Window
Glass Co., 864 Mission, S. F.
Filed Nov. 8, '13. Dated Nov. 5, '13.
Exterior glazed\$700
Completed and accepted..... 345
Usual 35 days..... 355
TOTAL COST, \$1400
Bond, \$700. Sureties, Ben Sheurman
and Richard O'Conner. Limit, none.
Forfeit, none. Plans and specification
filed.

(3294) LUMBER, CARPENTER, LABOR
stairs, roofing, and dampproofing on
above,
Contractor..Anthony & Heyer, Oakland
Filed Nov. 8, '13. Dated Nov. 8, '13.
Framing and sheathing com-
pleted\$ 900
Dampproofing and roofing com-
pleted 300
Finish floors in place and in-
terior frame ready for lath..... 2500
Mill work set up, except sash,
doors and kitchen fitting..... 1600
Completed and accepted..... 2300
Usual 35 days..... 2680
TOTAL COST, \$10,280
Bond, \$5140. Sureties, Malinda C. An-
thony and C. W. Heyer. Limit, 40 days.
Forfeit, none. Plans and specifications
filed.

(3295) PAINTING ON ABOVE.
Contractor..Ecklund & Elkamp, Okd.
Filed Nov. 8, '13. Dated Nov. 5, '13.
Interior and exterior primed.....\$574
2nd coat finish on all floors..... 574
Completed and accepted..... 574
Usual 35 days..... 578
TOTAL COST, \$2300
Bond, \$1150. Surety, Chicago Bonding
& Surety Co. Limit, 20 days. Forfeit,
none. Plans and specifications filed.

(3296) N LIZZIE, be. 1st and Rail
Road Ave., Livermore. All work for
one-story reinforced concrete bldg.
Owner.....Farmers' & Merchants' Na-
tional Bank.
Inspector...L. M. MacDonlad.
Architect...None.
Contractor..C. H. Rasmussen, Liver-
more.
Filed Nov. 7, '13. Dated Nov. 4, '13.
Foundation laid and material on
ground 1/4
Concrete wall completed and roof
on 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5300
Bond, none. Limit, 45 days. Forfeit,
none. Plans and specifications filed.

(3297) S TWENTY-EIGHTH 85 E
Broadway, Oakland. Two-story 12-
room flats.
Owner.....O. D. Whitney, 2667 Valdez
Oakland
Architect...A. V. Brown, 710 24th, Okd
Contractor..F. H. Garcia, 1527 E-15th,
Oakland.
COST, \$4784

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
3250	Cal Cafe	Glaser	1500
3251	Monroe	Monroe	2000
3252	Fowler	Fowler	1000
3253	Reed	Janssen	25000
3260	Marshall	Diggs	4000
3261	White	Squires	1500
3262	Stone	Stone	800
3263	Gayetti	Erikson	1875
3268	Cong Church	Wilkie	10800
3269	Fuller	Sherwood	1500
3270	Harris	Herb	850
3273	McCoy	Engler	6972
3285	Tupper	Reed	500
3288	No Biky Cong Ch.	Wilkie	10794

(3250) NO. 1126 BROADWAY, Berkeley. Alterations.
Owner.....California Cafe, 2070 Union San Francisco.

Architect...None.
Contractor...J. P. Glaser & Co., 45 Powell, San Francisco.
COST, \$1500

(3251) NW TAFT AND MANILA, Berkeley. One-story 5-room dwelling.
Owner.....J. W. Monroe, 690 61st, Berkeley.

Architect...None.
Day's work. COST, \$2000

(3252) NO. 1106 CHANNING WAY, Berkeley. Addition.
Owner.....Mrs. Lilah Fowler, Prem.
Architect...None.

Contractor...O. W. Fowler, Premises.
COST, \$1000

(3253) N DURANT 101 W Bowditch, Berkeley. Three-story and basement 35-room apartments.

Owner.....Sarah E. Reed,
Architect...H. C. Baumann, 504 Chronicle Bldg., S F.
Contractor...E. A. Janssen, 929 Hearst Bldg., San Francisco
COST, \$25,000

(3260) S RUSSELL 209 W Claremont Ave., Berkeley. Two-story 8-room dwelling.

Owner.....Marshall Diggs, 2544 Bowditch, Berkeley.
Architect...Maury Diggs, 2544 Bowditch, Berkeley.

Day's work. COST, \$4000

(3261) W MILVIA 136 N Berkeley Way, Berkeley. Alterations.

Owner.....Mrs. E. J. White, 1912 Milvia, Berkeley.
Architect...None.

Contractor...E. J. Squires, 2117 Rose, Berkeley.
COST, \$1500

(3262) W ADELIN 110 S Russell, Berkeley. Addition.

Owner.....J. T. Stone, 2910 Adeline, Berkeley.
Architect...None.
Day's work. COST, \$800

(3263) E BONITA 320 N Rose, Berkeley. One and one-half-story five-room dwelling.

Owner.....F. Gayetti, 1331 Milvia, Berkeley.
Architect...None.
Contractor...Erikson & Fredrickson, 2933 Magnolia, Berkeley.
COST, \$1875

(3265) SE WALNUT AND CEDAR, Berkeley. One-story church.

Owner.....Congregational Church.
Architect...J. W. Plachek, 1424 Spring Berkeley.

Contractor...Andrew Wilkie Co., S. F. National Bank Bldg., S. F.
COST, \$10,500

(3269) N WARD 300 E Mable, Berkeley. One-story 5-room dwelling.

Owner.....J. H. Fuller, 2377 Woolsey, Berkeley.

Architect...None.
Contractor...F. E. Sherwood, Stege, Cal.
COST, \$1500

(3270) NO. 1515 FAIRVIEW, Berkeley Alterations.

Owner.....Mrs. O. H. Harris, Prem.
Architect...None.

Contractor...S. E. Herb, 358 Myrtle, Oakland.
COST, \$850

(3273) LOT 25 Hopkin Terrace No. 3, E Arch 50 S Glen Ave., Berkeley. All work for two-story and basement dwelling.

Owner.....Fannie E. McCoy, S. F.
Architect...None.

Contractor...Louis Engler, 2721 Haste, Berkeley.

Filed Nov. 5, '13. Dated Nov. 3, '13.
Frame up 1/4
Interior plaster on 1/4
Completed and accepted 1/4
Usual 25 days 1/4
TOTAL COST, \$6972

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3285) NE SHATTUCK & KITTRIDGE Berkeley. Alterations.

Owner.....Tupper & Reed, 2254 Fulton, Berkeley.

Architect...None.
Day's work. COST, \$500

(3288) SE CEDAR AND WALNUT, Berkeley. All work for frame church

Owner.....North Berkeley Congregational Church.

Architect...James W Plachek, 1424 Spring, Berkeley.

Contractor...Andrew Wilkie Co., Clunie Bldg., San Francisco.

Filed Nov. 7, '13. Dated Oct. 30, '13.
Excavation and foundations completed \$1800
Frame and roof completed 2099
Rough plumbing and electric work and interior plaster completed 2099

Completed and accepted 2098

30 days after 2698

TOTAL COST, \$10,794

Bond, none. Limit, 100 days. Forfeit, \$10. Plans and specifications none.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
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3277	Swayne	Foster	500
3278	Bennett	Bennett	400

(3277) NO. 1717 ALAMEDA AVE., Alameda. Alter dwelling.

Owner.....Mr. Swayne. Premises.
Architect...C. H. Foster & Son.

Contractor...C. H. Foster & Son, 1429 Oak, Alameda.
COST, \$500

(3278) NO. 1610 WALNUT, Alameda. Addition to dwelling.

Owner.....Sylvia Bennett, 861 27th, Oakland.
Architect...None.

Contractor...A. Bennett, 361 27th, Okd.
COST, \$400

SUMMARY OF APPLICATIONS FOR BUILDING PERMITS, BUREAU OF PERMITS AND LICENSES. OAKLAND, CAL.

For the Month of October, 1913.

Classification of Bldgs.	No. of Permits Issued	Cost
1-story dwellings	75	\$123,338.50
1 1/2-story dwellings	10	26,035.00
2-story dwellings	25	97,261.00
2-st dwlgs with stores	3	5,735.00
2-story apartments	1	4,000.00
3-story apartments	1	30,000.00
2-st apmts with stores	1	8,493.00
2-st flats with stores	1	5,500.66
1-story stores	1	5,750.00
4-story Class "C" steel frame & brick bldg.	1	178,000.00
2-story Class "A" steel & concrete school.	1	166,310.00
2-story brick factory.	1	36,576.00
1-story brick auto repair shop	1	4,550.00
1-story factory	1	6,500.00
1 1/2-story stable	1	4,950.00
1-story offices	1	2,500.00
1-story green houses	3	355.00
Work shops, tank frames and barns.	7	1,925.00
Garages, sheds and stables	37	9,704.00
Alterations, additions and repairs	176	59,907.95

Total 348 \$777,387.45
TOTAL NUMBER OF PERMITS AND TOTAL COST.

New construction 172 \$717,497.50
Alterations, additions and repairs 176 59,907.95

Total 348 \$777,387.45

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Nov. 3, 1913—LOT 2 BLK 2 Map San Pablo Tract, Oakland Tp. David Craig to C L Decker Co., Oct. 4, 1913
Nov. 3, 1913—SE FOURTEENTH AVE 119.46 SW Hopkins SW 60.05 SE 66.54 NE 38.05 NW 31.03, Okd. P E Baird to Lundberg & Court-right, Oct. 28, 1913
Nov. 3, 1913—SE FOURTEENTH AVE 63.40 SW Hoqkins SW 56.06 SE 31.03 E 41.31 NW 50, Okd. P E Baird to Lundberg & Court-right, Oct. 28, '13
Nov. 3, 1913—LOT 95 Oak Park Tract, Okd. A E Berg to Winge & Holmgren Oct. 31, 1913
Nov. 3, 1913—LOT 3 Map Claremont Extension, Okd. B F Butler to whom it may concern, Sept. 11, 1913
Nov. 3, 1913—PLOT 12 and part Plot 10 Boardman's Map Rancho Arroyo de la Alameda, Washington Tp. Board of Trustees Masonic Homes of California to Robert Dalziel Jr. Oct. 23, 1913
Nov. 4, 1913—LOT 155 4th Ave Terrace Ext. Okd. Fred C Joorfetz to B A Stewart, Nov. 3, 1913
Nov. 4, 1913—SDVN 1 IN LOT 28 Map No. 3 Glen Echo Tract, Piedmont to Gertrude Huddleson to whom it may concern, Nov. 3, 1913
Nov. 4, 1913—LOT 6 BLK "G" Map 4th Ave Terrace, Okd. Harry C Morrison to Roger Coit, Nov. 1, 1913

Nov. 5, 1913—LOT 25 BLK "K" Map 4th Ave Terrace, Okd. Herbert Canning to whom it may concern.....Nov. 4, 1913

Nov. 5, 1913—NW COR. 5 ACRE TCT known as Wellman Place SW 513-9 NW 292-7 NE 459-5 SE 257-8, Okd. Little Sisters of the Poor of Oakland to The Turner Co., Oct. 31, 1913

Nov. 5, 1913—LOT 338 Map Stone Orchard, Stonehurst, Okd. Grace A Ridley to John Perona, Oct. 28, '13

Nov. 5, 1913—LOT 3 BLK "C" Map Mastick Park, Ala. Evelyn M Iler to whom it may concern.....Nov. 4, 1913

Nov. 6, 1913—N 30 LOT 15 and S 10 Lot 14 Blk "E" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....Nov. 5, 1913

Nov. 6, 1913—N 31.5 LOT 13 and S 10 Lot 12 Blk "E" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....Nov. 5, 1913

Nov. 7, 1913—LOT 23 BLK "F" 4th Terrace, Okd. E W Woodward to whom it may concern.....Nov. 6, 1913

Nov. 7, 1913—LOT 23 BLK 6 4th Ave Heights, Okd. E O Pendleton to O M Bullock.....Nov. 7, 1913

LIENS FILED.

ALAMEDA COUNTY.

Nov. 4, 1913—LOT 23 BLK 17 Map Havenscourt, Okd. Hogan Lumber Co vs MacArthur Bros Inc and J Piconia\$294.91

Nov. 5, 1913—ADDISON NO. 1719, E 34 Lot 5 Range 7 Map Sbdvn 6 and 7 Hardy Tct, Bkly. A Dalglish vs H E Sullivan and Mrs H A Long.....\$47

Nov. 5, 1913—N BOND W 100 51st Ave W 40XN 120, Okd. W S Cooper vs William Le Baron.....\$43.50

Nov. 6, 1913—LOT 1 and W 10 Lot 2 Blk 119 Allston Tract, Bkly. J C Sullivan vs Samuel Illich and John Laamenen\$80

Nov. 6, 1913—W PTN LOT 31 Map Potts Tract San Pablo Ave, Okd. J C Sullivan vs Margaret A Powers and John Laamenen\$35

SAN JOSE AND THE SANTA CLARA VALLEY.

CITY HALL—2 story and base, brick or reinforced concrete, \$40,000. San Mateo, San Mateo Co., Cal. Architects, Havens and Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. The architects have just been commissioned to prepare plans for this building and complete details are not available. The structure will be designed in the classic style and will be as near fire-proof as the amount available will permit. Plans are to be so arranged that the building will house all the city offices including the police and a part of the city fire department. Several fireproof vaults will be installed. Interior finish will probably be of pine and hardwood. A large council chamber is to occupy a large portion of the second floor. There will be steam heat. Exterior of the building will be faced with either pressed brick or cement plaster. Further mention will be made of the work as plans progress.

Contracts Awarded.

HOTEL—3 story and base, Class B construction, reinforced concrete type, \$50,000. South San Francisco, San Mateo Co., Cal. Architects, Havens & Toepke, 46 Kearny street, S. F. Own-

ers, South San Francisco Land and Improvement Co. Contractors, Thomas Days' Sons, Sharon Bldg., S. F. Contract price, \$50,000.

Building Contracts.

SANTA CLARA COUNTY.

SPRINGDALE FARM part of Lots 3 and 4 NW 1/4 Sec 2 Twp 8 South range 2 W. All work for one-story frame dwelling.

Owner.....Mrs. Minnie H. Bazata, Saratoga, Cal.

Architect....C. W. Dickey, Central Bk. Bldg., Oakland.

Contractor..John Rodoni, Saratoga, Cal

Filed Nov. 5, '13. Dated Nov. 3, '13.

Excavating and concrete work done 1/4

Whole structure under cover.... 1/4

When completed 1/4

Usual 35 days..... 1/4

TOTAL COST, \$9050

Bond, \$2262. Sureties, J. A. Kerr and R. L. Hogg. Limit, 90 days. Forfeit, none. Plans and specifications filed

LOT 3 BLK 58 Reeds Addition City of San Jose. All work for one and one-half-story frame bungalow.

Owner.....Wm. Schuh, 822 So-Second, San Jose.

Architect...L. T. Lenzen, 110 S-Second San Jose.

Contractor..J. F. Dowle, San Jose.

Filed Nov. 7, '13. Dated Nov. 5, '13.

Frame up and roof covered with boards\$73

All outside covered, windows and doors hung and 1st coat stain on. 873

When completed 573

Usual 35 days..... 573

TOTAL COST, \$3495

Bond, \$1750. Surety, The Title Guaranty and Surety Co. of Pennsylvania. Limit, 70 days. Forfeit, none. Plans and specifications filed.

Building Contracts.

SAN MATEO COUNTY.

COR. GRAND AND LINDEN AVES., South San Francisco. All work for three-story Class "B" reinforced concrete stores and hotel.

Owner.....South San Francisco Land & Improvement Co.

Architect...Havens & Toepke, 46 Kearny, San Francisco.

Contractor..Thos. H. Day's Sons, Sharon Bldg., San Francisco.

Filed Nov. 6, '13. Dated Nov. 3, '13.

90% value of work and materials on 1st & 15th of each month.....\$53,640

Usual 35 days.....5,960

TOTAL COST, \$59,600

Bond, \$30,000. Surety, U. S. Fidelity & Guaranty Co. Limit, 140 working days after date. Forfeit, \$20 per day. Plans and specifications filed.

LOTS 9 AND 10 BLK 11, Menlo Park. All work for two and one-half-story dwelling.

Owner.....Ada C. Williamson.

Architect...W. Jones Cuthbertson, 323 Montgomery, S. F.

Contractor..A. Dahlberg, 3525 Sacramento, San Francisco.

Filed Oct. 20, '13. Dated Oct. 24, '13.

Frame up\$1173

1st coat plaster on..... 1173

When completed 1173

Usual 35 days..... 1173

TOTAL COST, \$4692

Bond, \$2346. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days after date. Forfeit, none. Plans and specifications filed.

VALPARAISO AVE., Menlo Park. Sand, stone and granite work for South Wing Convent of Sacred Heart.

Owner.....Academy of the Sacred Heart.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

General Contractor..Daniel J. Byron, Lick Bldg., San Francisco.

Sub-Contractor..The McGilvray Stone Co., Townsend near 7th, San Francisco.

Filed Nov. 5, '13. Dated Oct. 22, '13.

75% of value of work & materials on 1st & 15th of each month.....\$887.50

Usual 35 days, 25%..... 2962.50

TOTAL COST, \$1,850.00

Bond, \$5975. Sureties, John D. McGilvray and Robert Dewar. Limit, 100 working days after date. Forfeit, \$25 per day. Plans and specifications, none

POINTING AND CLEANING DOWN sand, stone and granite work on above.

Sub-Contractor..The McGilvray Stone Co., Townsend near 7th, San Francisco.

Filed Nov. 5, '13. Dated Oct. 22, '13.

Completed and accepted.....\$200

TOTAL COST, \$200

Bond, none. Limit, 20 working days. Forfeit, plans and specifications, none.

PORTALO, near Woodside. All work for one-story frame building with hay loft, to be used as horse and cow barn.

Owner.....William Fitzhugh.

Architect...W. Garden Mitchell and Charles Ed. Hodges, Monadnock Bldg., S. F.

Contractor..F. W. Fox.

Filed Oct 28, '13. Dated Oct. 27, '13.

Frame up to 2nd floor and 2nd door laid\$445

Rafters on, roof shingled, etc. 445

Completed and accepted..... 445

Usual 35 days..... 445

TOTAL COST, \$1780

Bond, \$900. Sureties, H. T. Taylor and R. Rankin. Limit, 40 days after Oct. 28. Forfeit, none. Plans and specifications filed.

VALPARAISO AVE near Menlo Park. Tinning, galvanized sheet iron, etc., for three-story brick building (South Wing addition, etc)

Owner.....Academy of the Sacred Heart of Menlo Park.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor..The John Stock Sons.

Filed Oct. 27, '13. Dated Oct. 14, '13.

1st & 15th of each month, 75%\$3761.25

Usual 35 days, 25%..... 1253.75

TOTAL COST, \$5015.00

Bond, \$2600. Sureties, A. H. Marten and W. H. Pomeroy. Limit, 40 days after roof boards are on. Forfeit, \$25 per day. Plans and specifications filed.

SLATE WORK ON ABOVE.

Contractor..R. G. Graham, 598 Monadnock Bldg., San Francisco

Filed Oct. 27, '13. Dated Oct. 17, '13.

Slate delivered\$400

When completed 285

Usual 35 days..... 225

TOTAL COST, \$910

Bond, \$500. Sureties, R. G. Graham and Fidelity & Deposit Co. of Maryland

Limit, 15 working days after notified to proceed. Forfeit, \$25. Plans and specifications filed.

CARPENTRY, JOINERY, MILL WORK, glass, ventilators, hardware, stairs, marble, etc., on above.

Contractor...C. A. Ingerson, 185 Stevenson, San Francisco.

Filed Oct. 27, '13. Dated Oct. 21, '13.
1st and 15th of each month, 75%

.....\$28,425
Usual 35 days, 25%..... 9475

TOTAL COST, \$37,900

Bond, \$19,000. Sureties, M. F. Gale and W. B. Morris. Limit, 130 days after completion of brick work. Forfeit, \$25 per day. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED **ACCEPTED**

Nov. 7, 1913—NEAR COR TENTH & Julian, San Jose. Hugh Briody to G T Ahlman.....Nov. 6, 1913

Nov. 7, 1913—NOS. 280 TO 288 N-1ST, San Jose. H Hoover to Robt Summers.....Oct. 28, 1913

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED **ACCEPTED**

Oct. 29, 1913—LOT 41 BLK 10 Crocker Estate Tract. Arthur G Duncan to L L Allen.....Nov. 23, 1913

Nov. 1, 1913—SAN MATEO PARK, San Mateo. S E Hermance to A F Hinz.....Oct. 31, 1913

LIENS FILED

SAN MATEO COUNTY.

RECORDED **AMOUNT**

Nov. 1, 1913—LOT 1 BLK 17, San Carlos. Donnelly & Valier vs J H Plattner.....\$34.75

Nov. 1, 1913—LOT NO. 1 BLK 17, San Carlos. Pioneer Plate & Window Glass Co vs J H Plattner.....\$101.02

Oct. 30, 1913—LOT NO. 1 BLK 17, San Carlos. Hull Bros vs J H Plattner.....\$106.25

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

LAUNDRY BUILDING—1 story and base, reinforced concrete and frame. Cost not stated. Napa, Napa Co., Cal. Architect, State Architect George B. McDougal, Sacramento. Owners, State of California. Plans and specifications for a new laundry building which is to be erected at the Napa State Hospital have been completed and have received the approval of the State Board of Control. Bids are now being called for and will be opened by the State Board of Control on November 25th. Plans can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

NURSERY BUILDING—2 story and base, frame. Cost not stated. Eldridge, Sonoma Co., Cal. Architect, State Architect George B. McDougal, Sacramento. Owners, State of California. The plans for this building, which is to be erected at the Sonoma State Home, have been designed for a nursery building for males. Interior finish will be

of pine throughout. Plans have been approved and bids are now being called. Figures will be opened by the State Board of Control on November 26th. Plans can be secured from the State Department of Engineering at Sacramento. An official proposal appears in another column of this issue.

INFIRMARY BUILDING—Heating. Cost not stated. San Rafael, Marin Co., Cal. Architect, Thomas G O'Connor, San Rafael. Owners, Marin County. All bids received at the last meeting of the Board of Supervisors for the heating and ventilating in the new County Infirmary were rejected as being above the amount available. The work has been readvertised and new figures will be opened on November 17th. The following is a complete list of the bids received:

J. M. Keppich\$4,780
Kiernan and O'Brien4,693
Atlas Heating & Ventilating Co. 4,990
R. Kinsella4,873
J. R. Hurley Co.4,688

Building Contracts.

MARIN COUNTY.

LOT 50 Corinthian Island, Belvedere.

All work for five-story and basement frame residence (plaster exterior).

Owner.....W. B. Short, Cr Rudgear-Merle Co., San Francisco.

Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly

Contractor...Clarence G. Betz, 1536 Delaware, Berkeley.

Filed Oct. 14, '13. Dated Oct. 9, '13.

Frame up\$1184.00
Brown coated1184.00

Accepted1184.00
Usual 35 days.....1185.50

TOTAL COST, \$4737.50

Bond, \$2400. Sureties, C. H. Holliday and Homer Whiting. Limit, 90 days.

Forfeit, none. Plans and specifications filed

LOT 6 Map of Bush Tract Annex, San Anselmo. All work for one-story frame bungalow.

Owner.....L. K. Reinhardt, 3916 24th, San Francisco.

Architect...None.

Contractor...Watson Bros., San Anselmo.

Filed Oct. 29, '13. Dated Oct. 11, '13.

Frame completed\$350
Brown coated350

Completed and accepted.....350
Usual 35 days.....350

TOTAL COST, \$1400

Bond, none. Limit, 60 days from Oct. 13. Forfeit, none. Plans and specifications filed.

S LAUREL about 195 W Belle Ave., San Rafael. All work for one-story frame dwelling.

Owner.....Frank Burns, San Rafael.

Architect...Joseph B. Faggiano.

Contractor...Joseph B. Faggiano, San Rafael.

Filed Oct. 29, '13. Dated Oct. 29, '13.

Frame up25%

Brown coated25%
Completed and accepted.....25%

Usual 35 days.....25%
TOTAL COST, \$2300

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED **ACCEPTED**

Nov. 1, 1913—SE PINE 450 NE Cedar, Linda Vista Tract, San Anselmo.

Hans Walder to whom it may concernOct. 31, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—2 story and base, brick and steel, \$20,000. Fresno, Fresno Co., Cal. Architect, Henry F. Starbuck, Fresno. Owners, Armenian Holy Trinity Church. The building will be erected at the corner of Ventura and M streets covering a considerable ground area. Interior has been arranged for a main auditorium and gallery seating 1000 people. Basement will contain class rooms, study hall and social rooms. Interior finish will be of pine with a mahogany and marble sanctuary. There will be a central heating system. Art glass will be used in the windows and also in a large dome. Exterior of the building will be faced with cement plaster trimmed with granite and large granite columns. Plans are complete and figures are being taken on the work.

CITY HALL ALTERATIONS—Interior and exterior work and heating, \$27,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' bank Bldg., Bakersfield. Owners, City of Bakersfield. The city has purchased the old County Court house and have had plans prepared for the alteration of the building into a modern City Hall. This work will include hollow tile interior partitions, plastering, metal ceilings, new floors, interior finish, plumbing, heating and electric work. Plans are complete and figures are now being taken. Bids will be opened by the City Council on November 18th. Plans and specifications can be secured from C. F. Murdock, City Clerk, Bakersfield, or from the architect.

THEATRE—2 story and base, brick and steel, \$25,000. Turlock, Stanislaus Co., Cal. Architect not selected. Owners, Arakelian Bros., Fresno. These men have purchased the site of the old Turlock Opera House on Broadway and will wreck the present buildings and construct a modern two-story brick building on the site. Besides the theatre plans will provide for several stores. It is the intention of the owners to have plans prepared with foundations and exterior walls heavy enough to carry four stories. Exterior will be faced with pressed brick. Further mention will be made of the work.

Contracts Awarded.

GARAGE—1 story and base, brick and steel, \$15,000. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Erb and Drury. Contractor, C. D. Brown, 1660 F street, Bakersfield. Contract price, \$15,000.

STORE—1 story and base, brick, \$6,500. Bakersfield, Kern Co., Cal. Architect, none. Owner, A. H. Karpe. Contractor, E. F. Leierlitz, Bakersfield. Contract price, \$6,500.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCE — 2 story and base, frame, \$7,000. Eureka, Humboldt Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Judge Wilson, Eureka. The dwelling has been designed for an eight room house with two baths. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in the living room, den, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$2,700. Architect, none. Owner, E. D. Pierce, 2207 1st avenue, Sacramento. The dwelling has been designed for a seven room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. There will be tile wainscot in the bath room and kitchen. An automatic water heater will be installed. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BRIDGE—Reinforced concrete. Cost not stated. San Andreas, Calaveras Co., Cal. Engineer, C. E. Cotton, San Andreas. Owners, Calaveras County. Plans have been completed and have received the approval of the Board of Supervisors for a reinforced concrete road bridge which will be erected at San Andreas. Bids are now being called for on the work and will be opened by the Board of Supervisors on November 18th. Plans and specifications can be secured from the County Clerk at San Andreas.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$55,436. Sacramento, Cal. Architect's name not given. Owners, City of Sacramento. Contractors, McGillivray Construction Co., Sacramento. Contract price, \$55,436.

Building Contracts.

SACRAMENTO COUNTY.

LOT 2702 Oak Terrace, Oak Park, Sacramento. Erect dwelling.
Owner.....W. F. Tovel, Sacramento.
Architect...None.
Contractor..H. Buck, 3100 Walnut Ave. Sacramento.
COST, \$1100

LOT 9 Millwood Tract, Oak Park, Sacramento. Erect dwelling.
Owner.....Otto Filmer Jr., 2924 35th St., Sacramento.
Architect...None.
Contractor..A. Miller, 3205 3rd Ave., Sacramento.
COST, \$1200

LOT 8 Millwood Tract, Oak Park, Sacramento. Erect dwelling.
Owner.....Otto Filmer Jr., 2924 35th St., Sacramento.
Architect...None.
Contractor..A. Miller, 3205 3rd Ave., Sacramento.
COST, \$1200

LOT 7 Millwood Tract, Oak Park, Sacramento. Erect dwelling.
Owner.....Otto Filmer Jr., 2924 35th St., Sacramento.
Architect...None.
Contractor..A. Miller, 3205 3rd Ave., Sacramento.
COST, \$1200

LOT 7 Millwood Tract, Oak Park, Sacramento. Erect dwelling.
Owner.....Otto Filmer Jr., 2924 35th St., Sacramento.
Architect...None.
Contractor..A. Miller, 3205 3rd Ave., Sacramento.
COST, \$1200

LOT 5 —, Sacramento. Alter dwlg.
Owner.....D. R. Green, 1730 O St., Sacramento.
Architect...None.
Contractor..Arthur Hollenbeck.
COST, \$900

S 75 FEET LOT 2, E, F, 7TH AND 8TH Sts., Sacramento. Two-story apartment house.
Owner.....D. A. Lancaster, Moss Beach.
Architect...None.
Contractor..Frank P. Williams, 3117 7th Ave., Sacramento.
COST, \$7000

N 85 FEET OF W 45 FEET OF LOT 2, E, F, 7th and 8th Sts., Sacramento. Three-story apartments.
Owner.....D. A. Lancaster, Moss Beach.
Architect...None.
Contractor..Frank P. Williams, 3117 7th Ave., Sacramento.
COST, \$8500

LOT 11 BLK 3, Boxler Tract No. 1, Sacramento. Erect dwelling.
Owner.....E. D. Pierce, 2207 1st Ave. Sacramento.
Architect...None.
Day's workCOST, \$2700

LOT 4 GAGE TRACT, Sacramento. Alter dwelling.
Owner.....Mrs. D. Stowell, 3210 Y St., Sacramento.
Architect...None.
Day's workCOST, \$500

LOT 5 BLK 4 Maple Park, Sacramento. Erect dwelling.
Owner.....Chas. A. Ehmann, 1236 1 St., Sacramento.
Architect...None.
Contractor..E. Ball, Ohio Ave, East Lawn, Sacramento.
COST, \$2150

NO. 2702 OAK PARK TERRACE, Sacramento. Erect dwelling.
Owner.....W. F. Tovel.
Architect...None.
Contractor..H. Buck, 3100 Walnut ave. Sacramento.
COST, \$1400

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick, \$10,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Ridge, L. A. Owner, S. G. Banghman. The building will be erected at the corner of 1st and Western avenue and has been designed for a high class picture

show on the first floor and a number of modern living apartments on the upper floor. Interior will be finished in pine and elm panels. Gas steam radiators will be used for heat. All suites will have wall beds and private bath rooms. Tile floors and vitulite will be used in the lobby and bath-rooms. Interior of the picture show will be handsomely finished. Modern ventilation is provided. Exterior of the building will be faced with white enameled pressed brick. Plans are being prepared.

BRIDGE—Steel and concrete, \$25,000. Vernon, Los Angeles Co., Cal. Engineer, F. Dupuy, Pacific Electric Bldg., L. A. Owners, City of Vernon. Plans have been completed and have received the approval of the City Trustees for the construction of a highway bridge across the Los Angeles River at San Antonia avenue. The structure will be 25 feet wide with a 20 foot roadway and 5 foot walk. There will be three 80 foot spans. Plans can be secured from either the engineer or from T. J. Furlong, City Clerk. Bids will be opened on November 18th.

CHURCH—2 story and base, Class A construction, \$250,000 to \$300,000. Los Angeles, Cal. Architects, Austin and Pennell, Wright and Callender Bldg., L. A. Owners, First Methodist Church of Los Angeles. A new site has been secured for this building at the southwest corner of 8th and Hope streets and the architects were formally commissioned at the last meeting of the Building Committee. The site is 156 by 200 feet and the new edifice will cover the entire area. Construction will be Class A throughout. Preliminary plans will be submitted to the trustees at their next meeting. No details of the building can be given at this time.

CHURCH—1 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Montrose Warn, 3126 Winter street, L. A. Owners, West Fifty-fourth street Methodist Church. The building will be erected on a corner site and will cover an area of 30 by 48 feet. Plans provide for a main auditorium, Sunday School rooms and Epworth League rooms. Interior will be finished in pine throughout. Exterior of the building will be covered with rustic. A shingle roof is specified. Plans are complete and work will be done by Day Labor.

CITY HALL ADDITION — 1 story, brick and steel, \$18,000. Los Angeles, Cal. Architect, J. J. Backus, City Hall, Los Angeles. Owners, City of Los Angeles. Architect Backus has been commissioned to prepare plans for an addition of one story to the present two-story City Hall annex. Construction will be of brick and steel. Interior will be finished in pine throughout. Elevator service will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LIBRARY—1 story and base, brick and reinforced concrete, \$10,000. Watts, Los Angeles Co., Cal. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owners, City of Watts. Plans have been approved by the Carnegie Library Corporation for the new building to be erected at Watts. The structure is classic in design and will cover an area of 30 by 70 feet. Plans provide for two reading rooms, a large stack room, librarian's office and lavatories. Interior will be finished in pine

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and hardwood. There will be a central heating system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. T. F. Adelsbach is secretary of the Library Board. Plans can be secured from him or from the architect.

LIBRARY—1 story and base, brick and concrete, \$10,457. Architect, Paul V. Tuttle, Delta Bldg., L. A. Owners, City of Glendale. T. H. Addison, 316 Belmont street, Glendale, submitted the lowest bid for this work. All figures were referred to the Library Committee. An award of contract will be made this week.

SCHOOL—1 story and base, brick and steel, \$35,000. Chino, San Bernardino Co., Cal. Architects, Withey and Davis. Story Bldg., L. A. Owners Chino School District. The building has been designed for a grammar school and will contain twelve class rooms, principal's office, teachers' room and a library. Interior will be finished in pine with pine and maple floors. Plans include slate blackboards, modern school plumbing, a plenum system of heating and programme clocks. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, hollow tile construction. Cost not stated. Architect, J. Martyn Haenke, Story Bldg., L. A. Owner, Mary Garden. This dwelling, which is to be erected in Beverly Hills, will contain fourteen rooms, five baths and sleeping porches. Interior will be finished in hardwoods and white enamel. Oak floors will be used throughout. There will be a central heating system, probably steam or hot water, vacuum cleaning and hot water supply. Bath rooms will be finished in tile. A garage will also be erected on the lot. Exterior of the dwelling will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

POWER STATION—2 story and base, Class A construction, \$500,000. Santa Ana Canyon, San Bernardino Co., Cal.—Architect, H. Alban Reeves, Chamber of Commerce Bldg., L. A. Owners, Southern California Edison Co. General Manager Ben Pearson, San Bernardino, states that construction will shortly be started on one of the largest power houses in the state. Construction will be fireproof with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior will be finished in pine and metal. Exterior of the building will be faced with cement plaster. The work will be carried on by Day Labor under the direction of Mr. Pearson.

Contracts Awarded.

APARTMENT HOUSE—2 story and base, brick, \$13,000. Imperial, Imperial Co., Cal. Architects, Noe and Spencer, Union League Bldg., L. A. Owners, Imperial Valley Syndicate, Contractors, Hunziker and Berger, Hollingsworth Bldg., L. A. Contract price, \$13,000.

RESIDENCE—2 story and base, frame, \$20,000. Hollywood, Los Angeles Co., Cal. Architect, B. Cooper Corbett, Union Oil Bldg., L. A. Owner, C. F. Perry Contractor, E. H. MacGibbon, Los Angeles Investment Bldg., L. A. general construction. Contract price, \$20,000.

STORES AND LOFTS—6 story and base, brick and steel, \$50,000. Los Angeles, Cal. Architect, Harold Cross, Consolidated Realty Bldg., L. A. Owners, Lyon, McKinney and Smith. Contractors, The Carl Lang Co., Mason Bldg., L. A. general construction only. Contract price, \$50,000. Note—Sub-figures are now being taken on the various parts of the work.

CHURCH ADDITION—1 story and base, frame, \$6,000. Los Angeles, Cal. Architect, A. B. Benton, 114 North Spring street, L. A. Owners, Church of the Epiphany, Contractor, W. R. Phelps, L. A. Contract price, \$6,000.

FACTORY—1 story and base, brick and concrete, \$21,026. Compton, Los Angeles Co., Cal. Architect's name not given. Owners, Panama Rubber Co., Los Angeles Investment Bldg. Contractors, Huntsberger-Reed Co., Van Nuys Bldg., L. A. Contract price, \$21,026.

HOTEL—4 story and base, brick and steel, \$31,200. Los Angeles, Cal. Architects, Richards-Neustadt Const' Co., Wright and Callender Bldg., L. A. Owner, Newton E. Cramer, Contractors, Willard Slater Co., 2314 Santa Fe ave., L. A. general construction. Contract

PORTLAND AND OREGON.

Contracts Awarded.

SCHOOL—2 story and base, hollow tile construction, \$20,000. Architects, Jacobberger and Smith, Board of Trade Bldg., Portland. Owners, Yamhill School District. Contractor, John Almeter, Builders' Exchange, Portland. Contract price, \$20,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—2 story and base, frame, \$10,000. Everett, Wash. Architect, W. W. Hastings, Everett. Owner, James E. Gowan. The building will be erected at the corner of Wall and Hoy streets and will contain a number of well arranged apartments with wall beds and private baths. In-

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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terior will be finished in pine and hardwood veneer. Oak floors will be used in the living rooms and entrance lobby and halls. There will be a hot water system of heating. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be let on a percentage basis.

GARAGE—1 story and base, reinforced concrete. Cost not stated. Everett, Wash. Architect, W. W. Hastings, Everett. Owners, Haley-Sherlton. The building will be erected at the corner of Colby and California streets and will be practically fireproof in construction. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened about November 20th.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Everett, Wash. Architect, W. W. Hastings, Everett. Owner, John Garnso, Everett Sales Co. The building will be practically fireproof and will cover a large ground area. A site at the corner of Rucker and Pacific streets has been secured. Besides the usual garage fittings, the building will contain two elevators, special gasoline tanks, metal window sash and frames and a cement floor. Interior finish will be of pine throughout. Exterior of the structure will be faced with brick. Plans are complete and figures are being taken. Bids will be opened about November 20th.

FACTORY ADDITION—1 story and base, brick, \$25,000. Seattle, Wash. Architect, Carl Siebrand, Arcade Bldg., Seattle. Owners, Seattle Brewing and Malting Co. This building has been designed for a four story structure but only the first story will be erected at this time. The building will contain the bottling works and a cooperage shop. The structure is to cover an area of 50 by 200 feet. Interior finish will be of pine. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of James Horton, Supt. of Buildings for the Seattle Brewing and Malting Co. and the work will be done by Day Labor.

RESIDENCE—2 story, attic and base, Class A construction, \$100,000. Vancouver, B. C. Architect, W. Marbury Somervell, White Bldg., Seattle. Owner, B. T. Rogers of the British Columbia Sugar Refinery. The architect has just been commissioned to prepare plans for this work and details are not available.

Construction will be fireproof throughout and the interiors will be elaborately finished. Further information of the work will be given as plans progress.

SCHOOL—3 story and base, reinforced concrete, \$75,000. South Bend, Wash. Architect's name not given. Owners, South Bend School District. All bids received for this work have been rejected as above the amount available. The lowest bid received was from the Manhattan Co., Central Bldg., Seattle, for \$79,993. Plans will probably be revised to bring the structure within the amount available and new figures will be advertised.

SCHOOL—2 story and base, brick and concrete, \$35,000. School District No. 51, Wash. Architect, V. W. Voorlees, Eltel Bldg., Seattle. Owners, School District No. 51. This building will be erected about one mile north of Seattle and will contain ten standard sized class rooms, principal's office and teachers' room. Interior will be finished in pine with maple floors. The building will cover an area of 70 by 120 feet. Plans provide for steam heat, modern school plumbing and a vacuum cleaning system. Exterior will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

THEATRE—2 story and base, brick and concrete, \$25,000. Seattle, Wash. Architect, J. A. Cruzter, New York Bldg., Seattle. Owners, Iris Land Co. Contractors, Bromley Const. Co., Oriental Bldg., Seattle. Contract price, \$25,000. Note—Subcontracts are now being let on the work.

CITY HALL AND JAIL—2 story and base, reinforced concrete. Kellogg, Idaho. Architect, L. R. Stritsky, Spokane. Owners, City of Kellogg. The building will be designed in the classic style and will cover a considerable area. Plans provide for a building housing all city departments including the fire department and city jail. Interior will be finished in pine throughout. There will be special jail equipment. A steam heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

MUNICIPAL OWNERSHIP.

Some Results at Edmonton, Where the People Operate and Control Directly the Public Utilities of the Municipality.

By William Short, K. C.

When Edmonton adopted municipal ownership, it was because the time and conditions were favorable. We were little more than a frontier village then, but all our citizens had but one desire, and that was the betterment of our common lot. Glasgow and other British cities had made a great success of municipal ownership and operation of public utilities, and we were optimistic for success. We began with the things that were most needed. At the time water was supplied to our citizens by hauling it in tanks from the Saskatchewan river, and a barrel stood at the back door and was filled as often as conditions seemed to require. Fire protection there was practically none. We had a number of wooden tanks situated in various parts of the city, but in point of fact none was ever known to have any considerable quantity of water in it when a fire happened.

It was an easy matter, therefore, to count the cost and to figure out that the system in vogue was costing us more than a waterworks system would. Citizens were paying from \$15 upwards for the barrel supply. The additional cost of insurance amounted to something, besides conditions were not tolerable, so we cast about to find what the cost would be to install an adequate water system. We found that we could not expect private capital to engage in such an enterprise when we were a mere village, with comparatively little but high expectations to justify our ambitions. However, one advantage of being a small place is that it is easy to get at public opinion, and the business men of Edmonton of that day were men of no ordinary business ability or experience. They had always been of the opinion that Edmonton was a proper place for the upbuilding of a city; they had many reversals, and had met them with a dogged determination not to give in.

Municipal ownership was a good thing, but it was looked upon not altogether with friendly eyes by the financial world. One can quite appreciate that attitude. We were all busy men; it was with difficulty that men could give up their own time and attention to public affairs, but we were all optimists, and so were determined to get at the bottom of things. In any event matters were talked over by a few of the younger and perhaps more daring members of the community, and an enquiry was constituted as to the probable cost. The cost outlined seemed to be large for a small place, but we counted up the number of people that were likely to take water from the city, and in other ways ascertained just exactly how we could be prepared to meet our payments. Having given careful consideration to this point, the council decided to submit the matter to the rate-payers.

At the same time the question of electric lights came up. A company which had previously been supplying electric light had not found conditions very satisfactory, and were faced with the necessary additions to the plant. The company had made no dividends, but it was thought that this condition would not prevail if adequate capital were put into the enterprise. Calculations were made on this score, and at the same time that it was decided to submit the question of installing water and sewer, as well as the question of the town curing and operating an electric light plant.

The supplying of adequate sewerage systems has always been considered as part and parcel of the duty of a municipality, so we took our courage and submitted the whole proposition to the ratepayers. Careful explanations were made, matters thoroughly canvassed, citizens at large were acquainted with every phase of the question. Everything seemed to promise success, but almost at the last moment it was feared that the whole project would be defeated because of a strong opposition that developed in one of the newspapers. That opposition, however, appeared to have been entered into under a misapprehension, and was soon cured, and a vote being taken it was found that for water and sewer

installation there were only three of the total vote opposed, and electric light installation only five were opposed to the plan. Work, therefore, was continued.

We considered that we had embarked in something quite new and very much up-to-date, and so proud were we of our venture that we began to advertise the act far and wide. That advertising had no small part in the success which ultimately attended our efforts. At once we began to have an influx of settlers, and from 2,600 as we were when we started, we soon crept up to 4,000, then to 8,000, and from that time on the growth was steady and comparatively rapid. (The population of Edmonton is about 70,000.) No doubt that assisted considerably in the successful operation of our utilities.

Needless to say, in the early days of management there was comparatively little difficulty. When any enterprise is small, it is easy to keep track of all the details, and, to a very large extent, successful management means a careful oversight of all details. It is perfectly true, in municipal ownership as in everything else, if you take care of the pence the pounds will take care of themselves. However that may be, it was apparent from the start that our venture was to prove a success.

Under municipal ownership in five years Edmonton has built up a street car system utilizing 65 cars and extending over 40 miles of streets. Its water system has advanced to 119 miles; the city has 97.40 miles of sewers, 31 miles of boulevards, 149 miles of sidewalks, 250 miles of graded streets, 811 acres of parks, with an electric system adequate to the needs of a population of 70,000 souls. The city also owns its telephone system, power and incinerator and paving plants, public market, an exhibition grounds and speed course and a large livestock pavilion. Whenever a public utility is called for it is installed under municipal ownership.

There is doubt if these results could have been accomplished under private ownership. Unlike private ownership, each system has been extended by an amount of expenditure equal to demands. Instead of the public paying into the treasury of a private corporation millions of dollars tribute on overcapitalization and suffering attendant vicissitudes, occasioned by a profit-earning system, the money paid in taxes goes for the purpose for which it was collected. Those funds that might go to make up profits find their way again into extensions and improvements of service, profits being confined to interest on bonds and fair earning basis commensurate with the demands of the city.

Under the public ownership system Edmonton has been enabled to make advances in civic improvements that would have been years in materializing, and at the same time has enjoyed the privileges of becoming a partner in all enterprises looking to the comfort and convenience of mankind.

CABINET WORKS SOLD.

E. HILD has on September 8, 1912, sold his Cabinet & Fixture Shop "The Burlingame Cabinet Works," to L. T. Brewer, and is now connected with the Home Manufacturing Co., Brannan Street near Fourth.

CALIFORNIA PRODUCES NINETY-TWO MILLION DOLLARS IN MINERALS.

Increase of \$2,216,730 in 1912 Over Production for Preceding Year.

California, first among the States west of the Mississippi and fifth among all the States in the total value of its mineral production, rests its principal claim to distinction as a mineral producer on its output of petroleum. In this it leads all the other States, as does Pennsylvania in the production of coal. The total value of the mineral production in 1912, according to Edward W. Parker, of the United States Geological Survey, was \$92,837,374, an increase of \$2,216,730 over 1911.

In the quantity of petroleum produced California is credited with nearly 40 per cent of the total output of the United States. The gold produced in California holds second place in the mineral production of the State, and first place among the States. Petroleum and gold represent about 42 and 23 per cent respectively of California's mineral output.

Next to gold the principal metal product of California is copper, the production of which decreased from 26,316,136 pounds in 1911 to 23,451,672 pounds in 1912, but the value increased from \$4,539,517 to \$5,519,526.

The relatively small production of silver is recovered largely as a by-product in the copper mines. The production of lead and zinc is unimportant.

One of the important industries in California is the manufacture of Portland cement, the value of this product exceeding \$8,000,000 in both 1911 and 1912.

The clay products of the State increased nearly a million dollars in 1912 over 1911, being, respectively, \$5,912,450 and \$4,915,866.

The total value of the quarry products, which consist chiefly of granite, trap rock, and limestone, decreased from \$4,676,902 in 1911 to \$3,902,313 in 1912.

The other mineral products of the State which exceeded a million dollars in value in 1912 were asphalt, \$2,186,403; borax, \$1,127,813; and natural gas, \$1,134,456.

In addition to being first in the production of petroleum and gold, California is also the premier producing State in asphalt and quicksilver and enjoys a monopoly in the production of borax and magnesite, the combined value of these substances being over \$3,000,000. The other mineral products of commercial importance in California are Chromite, Coal, Feldspar, Fuller's earth, iron ore, lime, manganese ore, mineral paints, mineral waters, platinum, sand and gravel, sand-lime brick, sulphuric acid, talc, and tungsten (concentrates).

ALAMEDA—THE FIRST MUNICIPAL PLANT.

By Edward P. E. Troy

The Alameda municipal electric plant enjoys the unique distinction of being the second in point of age among the electric plants owned by cities in the United States. It was built in 1881, and acquired by the city in 1888. The

plant in Lansing, Michigan, was first, having been built in 1880; but it was not acquired by the city until 1902. When Alameda took over the plant, no other city in California owned an electric plant, and many of larger population were using coal oil lamps to light their streets.

The original plant furnished the town with fifty-two arc lamps for street lighting, at a cost of \$150 each, per year. The plant was bought for \$40,000 by the city. In a few months it had over one hundred similar lamps, costing but \$72 each, per year.

This alone is a valuable lesson in the advantage of municipal ownership. To-day, twenty-five years later, most of the cities and towns in California are paying the Pacific and other companies more than that sum for electric street lamps of less candle power. San Francisco paid \$117 per annum for each arc lamp for many years.

A vigorous war has been waged against the municipal plant from the beginning by the Pacific Gas and Electric Company and its predecessor and others in Oakland. Alameda papers were subsidized to attack and misrepresent municipal ownership. One of them was said to have been paid \$100 per month for this despicable work for many years. The courts were used to prevent the sale of bonds, and even the right of the town to operate a public utility was questioned.

The assets of the Alameda municipal undertaking now exceeds \$511,000. Its annual income from public and private lighting is \$120,745. The net profit last year, after deducting all operating, maintenance, depreciation and interest charges, was \$47,538.86. The service given is the best, the voltage not varying two per cent. In Oakland, the voltage of the Pacific Company has varied as much as sixty per cent, breaking lamps and shortening their life. The rates charged for many years have not exceeded seven cents. During the same period the Pacific Company has charged in Oakland and San Francisco nine cents.

The municipal light plant has made Alameda famous as the best lighted residence city in the United States. The "Alameda Electric Lamp Post" is being adopted by cities everywhere. In Alameda there are 4,118 of them, placed along the sidewalk about 125 feet apart. They are nine feet high, and surmounted by an electric lamp that gives an uniform light all over the street.

San Francisco supplied by the Pacific Gas & Electric Company, in strong contrast to Alameda, is the poorest lighted city in California. The political power of that Company can not only get its inexperienced employee appointed Chief of Police, but it has also caused the retention of gas for street lighting. Over 7,000 of that kind of dim, flickering lamps are being used in that city.

The electric lights furnished by that Company in San Francisco are on the tops of the high poles which carry its wires, and lose most of their light up in the air. A large part of what is cast towards the ground is obstructed by the pole and a mass of wires and cross arms, which put a dark shadow on nearly half of the street below. That city, spending half a million dollars a year for public lighting, is a striking

example of the inefficient service of privately owned lighting systems.

MODERN METHOD OF MIXING CONCRETE.

In the October 4th issue of Engineering Record there is a very interesting article on the methods used in the construction of the Elephant Butte Dam. The concrete mixing plant consists of three 80 foot Milwaukee concrete mixers. The mix is delivered into a hopper capable of holding two or three batches, in order that the mixer may be kept in operation continuously without waiting for the arrival of the skip or bucket. Above the mixer are located three measuring hoppers, shaped something like truncated pyramids, connected by a rectangular piece, which is so arranged that one part of it telescopes on the other. In this way the capacity of the measuring hopper can be changed by loosening or tightening four bolts.

These measuring hoppers are so large that it is practically impossible to operate them by hand and an automatic, hydraulically operated interlocking mechanism is so arranged as to perform all the functions of opening the gates to the bins, and after several months operation is said to work very satisfactorily.

To any one interested in contracting the article is well worth reading, particularly as to the handling of concrete quantities.

The Milwaukee mixer is handled in California by the Graves-Spears Road Machinery Co., San Francisco, and was awarded the gold medal at the Mechanics' Fair, held in this city last September.

RELIEF COMMITTEE ORGANIZED.

Masons and Builders and Journeymen Bricklayers Form Joint Committee To Provide Funds For Families Of Victims of Accident.

Following the accident which happened on the building at Golden Gate avenue and Market street on October 29th last in which two bricklayers, Robert Hartley and Thomas Hopper, lost their lives, definite action has been taken by their brethren of the craft to provide for the families of the deceased. To devise ways and means of raising a fund for this purpose a joint committee from the Masons' and Builders' Association and from the Bricklayers' Union has been formed.

The committee from the Masons' & Builders' Association consist of the following members:

Joseph J. Phillips, James S. Fennell, Chas. B. Hadley, Walter N. Reed, W. S. Scott

From the Bricklayers' Union:

Hon John J. Sullivan, John A. Johnson, Joseph P. Duffy, Joseph Linchan and Chas. Noonan.

These men are to set about to procure a substantial fund for the widows and orphans of the workmen who lost their lives in this unexpected and fatal accident which occurred on October 29th last.

FULLER'S EARTH.

A report on fuller's earth, by Jefferson Middleton of the United States Geological Survey, has been published

RENO OFFERED NEW WATER SYSTEM.

RENO, Nev., October 30.—James J. Chambers of Salt Lake City and his attorney, A. C. Agnew, appeared before the Reno City Council Monday night and offered to install a new water system in this city by piping water from the head of Galena Creek into cement lined and covered reservoirs above the city. Galena Creek has its source on Mt. Rose.

Chambers offered to install the plant for \$750,000 cash or bonds and to guarantee the city 4,000,000 gallons of water daily. He also guaranteed to furnish the city with a gravity water system for fire fighting purposes.

W. G. Caffery, an electrical engineer of Reno, and W. B. Albertson of Salt Lake City, are associated with Chambers.

YOLO PLANS IMPROVEMENTS.

WOODLAND (Yolo Co.), October 28. Roy M. Pike, President of the Yolo Water and Power Company, has authorized an expenditure of \$175,000 on the irrigation system of this county. The expenditure will be for the extension and maintenance of the system.

More than 200 men are now in the employ of the company in this vicinity preparing the canals by which the entire county can be placed under irrigation.

A new canal is being constructed through the Madison section. This ditch will connect the Capay dam with the Moore system and will afford irrigation facilities to thousands of acres not heretofore benefitted.

In Lake County the main dam at the outlet of Clear Lake is under construction.

OUT TWO TONS OF CASTING DAILY.

The first steel manufacturing plant in Toronto and the first electrical steel furnace in Canada started work October 15th and is turning out steel castings at the rate of about two tons per day.

For five years James A. Moffat and T. C. Irving, Jr., have been conducting investigations and experiments. Within the last few months they claim to have got the manufacture of steel in an electric furnace to such a point that it can be carried on a commercial basis. The iron of Canada is for the most part low grade magnetites, which cannot be used economically in the blast furnace owing to the low iron content, and in order to be of value they must be crushed and then concentrated mechanically.

Tests show, it is claimed, that the steel turned out is of a good quality and possesses a good tensile strength. It is also claimed that it is full of gas pockets and of uniform urbanity.

ASKS CONSTRUCTION PERMIT.

RED BLUFF (Tehama Co.), November 4.—E. L. Sisson, Secretary of the Sacramento Valley Electric Railroad Company, says his company has applied to the State Railroad Commission for permission to expend a certain amount of money to begin construction on the first unit of the road which will be run from a point

twelve miles south of Dixon, on the Oakland and Antioch line, to Woodland. The company, he states, wants to begin construction as soon as the desired permission is obtained.

COMMENCE SURVEY OF SAN JOAQUIN RIVER.

STOCKTON (San Joaquin Co.), November 4.—For the purpose of determining the irrigation and navigation possibilities of the San Joaquin River a survey was started Saturday which will entail an expenditure of \$64,000 before its completion, which Major Cheney, Chief of the United States Army Engineers, believes will be before the summer of 1915.

Three engineers were placed in the field, starting work a short distance from this city. They will work their way up the river to Herndon. Data will be gathered to determine whether the river can be used both for irrigation and navigation. It has been freely conceded that the use of the water for irrigation is of far more importance to the San Joaquin Valley than its use for navigation, and the report will show whether or not irrigation will be sacrificed if navigation is established.

CAPITALIST INSPECTS LANDS.

OROVILLE (Butte Co.), November 1.—The presence of Alden Anderson, banker of Sacramento, on an inspection trip over the property of the Feather River Canal Company, has led to the report that the Fleishacker interests are to take over the property. Anderson is regarded as the land agent of these capitalists.

Anderson recently accompanied the Fleishackers on a trip of inspection over the system.

MICHIGAN BUILDING FOR FAIR.

Advertising men of Michigan have joined together through their respective clubs to uphold the honor of their State and are perfecting plans to raise \$50,000 for a building to be representative of the State at the Panama-Pacific Exposition.

At a recent meeting of several advertising clubs in Detroit, Grand Rapids, Kalamazoo and other cities, the committee was assured of unlimited co-operation and financial support in the completion of arrangements and management of the building during the exposition.

This movement places Michigan as the thirty-fifth State to accept the invitation of Congress to participate in the State representation at the Panama-Pacific Exposition.

Here is a "lawyer" story taken from a country newspaper. An old contractor now dead, never seemed to be satisfied unless he had several cases pending in court. He has just won a case in the justice court when the loser, in a combative frame of mind, exclaimed: "I'll law you to the circuit court!"

Old Man—I'll be thar.

Loser—And I'll law you to the supreme court!

Old Man—I'll be thar.

Loser—I'll law you to 'e.!

Old Man—My attorney'll be thar.

LITTLE COAL AND OIL DEVELOPMENT IN ALASKA.

Alaska coal fields continue to be undeveloped, according to the United States Geological Survey. The only coal being mined is some lignite coal taken out for local use at Cook Inlet, on Seward Peninsula, and at several other localities. The total production in 1912 did not exceed 100 or 200 tons.

One oil company continued operations in the Katalla petroleum field in 1912, as in 1911. One of the two producing wells is said to have been sunk to a depth of about 800 feet. The oil is procured by pumping and is refined in a small plant located near Katalla, and the gasoline finds a ready sale in the local settlements of this part of Alaska. There are several other oil companies which control property in this field, but these seem to have done little in the way of development during 1912.

POWER ON A LARGE SCALE.

Unusual interest attaches to the new extension of the Commonwealth Edison Company of Chicago. Large generating units are employed. The large machines are selected not only on account of their steam economy, but because they are needed owing to the remarkable expansion of the business of the company. One of the English electrical journals, referring to a tabulation of its own, supposed to be complete, made the statement recently that the output of all the 303 electric service undertakings in Great Britain and Ireland, both privately owned and municipal, was 1,127,499,742 kilowatt hours for the year 1912. The output of the Commonwealth Edison Company alone in 1912 was, in round numbers, 799,000,000 kilowatt hours, or two-thirds of that of the entire United Kingdom.—Electric World.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.

The suggestion is made that all communications to consular officers be addressed

The American Consul, _____

At _____,

the name of the officer not being given. Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11891. Agency for Australia.—An American with considerable experience as traveling salesman in foreign countries has written an American consul in Australia that he is prepared to offer his services as a salesman to any American manufacturer on a commission basis, or in consideration of a monthly retainer. For the benefit of manufacturers who have not touched the Australian field he will be glad to undertake a preliminary investigation of the possibilities for the sale of their goods free of charge. If he forms connections, his work will include the introduction of the manufacturers' products, the consistent conduct of an adequate sales campaign, and the general promotion of the manufacturers' interests.

No. 11892. Timber for Chinese Government railways.—The American consul general at Tientsin, China, has forwarded copies of an advertisement calling for tenders for timber to be used by the Chinese Government railways, Peking-Mukden line, to which are attached the official forms of tenders, on which all bids are required to be sent in. These papers may be obtained from the Bureau of Foreign and Domestic Commerce. Tenders must be submitted by December 5, 1913.

No. 11893. Stone-working machinery.—An American consul in the Near East reports that a firm of importers in his district desires to be put in communication with American manufacturers of machinery for sawing, cutting and smoothing stone. Catalogues should be forwarded, with prices and discounts, and quotations should be made c. i. f. the ports of Alexandretta and Tripoli, Syria. Correspondence should be in French.

No. 11895. Sheet piling.—A report from an American consul in a Latin-American country states that information is desired from American manufacturers regarding prices and materials for sheet piling for cofferdams for construction work at a river dock railway freight terminal. Catalogues and correspondence, which may be in French, should be sent to a person named in the report.

No. 11903. Agents for American firms.—An American consul in a Latin American country has forwarded a

copy of a letter from a business firm in his district stating that it is extending its business as manufacturers' agents with a view to increased trade at the opening of the Panama Canal. The firm states that it has been in business for 27 years, is familiar with the wants of the people and the possibilities of the introduction of the better class of goods, and has commercial travelers to keep in close and constant touch with the trade. The firm desires to make one connection only with the larger manufacturers of such goods as would find a ready sale in tropical countries.

No. 11882. Hardware and electrical goods.—A firm of manufacturers' agents having good connections in Canada informs an American consular officer that it desires to be put in touch with hardware and electrical-goods manufacturers in the United States with the intention of receiving agency rights.

No. 11878. Electrical supplies.—An American consular officer in a European country reports that a business man in his district is desirous of obtaining the agency of American manufacturers of electrical supplies of all description. This person also states that he is open to purchase considerable quantities of such supplies if American manufacturers will get in touch with him and supply catalogues, prices, etc.

No. 11789. Automobiles.—A business firm in southern Europe requests an American consul to place it in touch with American manufacturers of low-priced automobiles. The firm states that it desires to represent an American firm manufacturing low-priced, light-cycle shaft-driven motor vehicles, and also to carry such machines in stock. Catalogues, prices, terms, and discounts are requested; correspondence may be in English. The firm furnishes as references a list of companies it already represents.

No. 11881. Agricultural implements.—An American consul reports that a business man in his district desires to be placed in communication with manufacturers of agricultural implements, especially plows of a medium grade. Price lists and catalogues should be sent, and correspondence may be in English. The inquirer, who was in the Balkan States for almost 10 years, has business connections, there and thinks there is a good opening for substantial American agricultural machinery of moderate grade.

No. 11888. Automobiles, motor cycles, and motor boats.—A European business man informs an American consulate that he desires to be placed in communication with American manufacturers of automobiles and parts of same, motor cycles, and motor boats, with the object of importing the same. The inquirer states that he will represent such manufacturers as selling agent, or purchase direct on his own account. Catalogues, prices and terms of discount are requested. Correspondence should be in English. This man furnishes a list of English firms that he Catalogues, prices, and terms of discount represents, whose names are given as references.

No. 11885. Motor fire trucks.—A report from an American consul in Canada states that as a result of a trade opportunity from his office a local firm has purchased in the United States an au-

tomobile truck which is said to be cheaper and much better than the Canadian article. The possibilities of further sales are thought to be very favorable. The fire department of the city has under consideration the purchase of an automobile truck, and American manufacturers would do well to get in touch with the chief of the fire department.

No. 11886. Water meters.—An inquiry has been received at an American consulate in the United Kingdom for the names of water-meter manufacturers in the United States. The inquirer desires to purchase some for use in connection with a new local invention.

No. 11888. Pulp license.—The American consulate general at Vancouver, British Columbia, Canada, reports that sealed tenders will be received by the Minister of Lands until January 2 for the purchase of pulp license to cut 10,902,000 feet of timber. Three years will be allowed for the removal of this timber. Further particulars of this sale can be had of the Chief Forester, Victoria, British Columbia.

At this season of the year when the rains come and occasionally an earthquake shock, the weather man's barometer becomes a thing of interest. It is not an uncommon thing at this season for the barometer to shift an inch within twenty-four hours. Sometimes the change is even greater.

Few persons have any idea what tremendous changes in the atmosphere are indicated by such a rise or fall in the mercury column.

A cubic inch of mercury weighs a half pound. When the mercury falls an inch a weight of one ton is removed from every four thousand square inches of surface. This is a ton for every area five and one-quarter feet square. If your house, for instance, is twenty-five feet by forty, with an area of a thousand square feet, a load of about thirty-six tons is lifted from the roof every time the barometer shows an inch fall. That is, a 36-ton load would be lifted if the house were air-tight. But as air presses in every direction there is as much of a push upward against the roof from below as there is a push downward from above. So the roof actually feels no effect from the removal of this heavy load.

In the same way, a man of average size would be relieved of a weight of about a ton and a half if there were no air chambers in the human body.

It has been figured that a fall of an inch in the barometer over a territory four hundred miles square removes a weight from the surface of the earth of 160 billion tons. If this were loaded on freight cars, twenty tons to the car, and thirty cars to the train, more than 260 million trains would be required to move it. If each train were five hundred feet long they would stretch out in a line more than 25 million miles long.

The only disturbance or noise that such a tremendous charge causes is a windstorm or a movement of the atmosphere to adjust itself. In countries like California where an occasional shake occurs this barometric change naturally affects any condition of unstable equilibrium.

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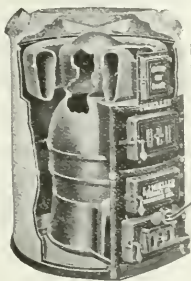
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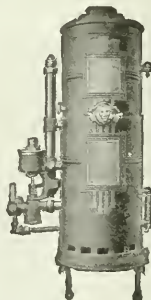
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Architectural Iron Works.
Acme Iron and Wire Works
Folsom St. Iron Works.
Brode Iron Works
Eureka Wire & Iron Works
Farrenkopf & Sons, C.
Glasser & Kloeres
Hillard & Cline
Keystone Orn. Iron & Bronze Works.
Leuthold & Co., M.
Monarch Iron Works
Michel & Pfeffer
Sartorius Co.
Baltson Iron Works
Vulean Iron Wks.
Western Iron Wks.
West Coast Wire & Iron Works

Arch. Sheet Metal Works.
S. F. Metal Stamp-ing & Corr. Co.
Arch. Terra Cotta
Calif. Pottery Co.
Carnegie Brick & Pottery Co.
Clark & Sons, N.
Diamond Brick Co.
Gladding - Mc-

Bean Co.
McNear Brick Steiger Terra Cotta Co.
Vallejo Brick and Tile Co.
Art Ceilings.
Berger Mfg. Co.
Art Glass.
Grosslicht & Din-niene
Pietor Plate & Window Glass Co.
Schwarz & Gottlieb
Artile Plaster Decorations.
Binner Theodore
Larson, O. F.
Lipp & Co. I. P.
Asbestos Materials
Johns Manville Co., H. W.
Magnesia Asbes-tos Supply Co.
Western Asbestos Supply Co.
Asphalt & Bitu-minous Paving.
Nugent, Robinson
Attorneys.
Aitken & Aitken
Auto Delvers.
Holland, J. P.
Star Con. Co.
Automobile Supplies.
Burgers, Fred W.
Boilers.
Deasy Utilities Co.
Peerless Agencies
Walker, G. H. & Seth
Boiler & Pipe Cov-ering.
Johns - Manville Co., H. W.
Johns Manville Co., W. H.
Magnesia Asbestos Supply Co.
Western Asbestos Magnesia Co.
Bonds & Insurance
Arp, Chas W.
Agency Company
Aetna Life Ins. Co.
General Acc'dt Assur. Corp.
Glass, Samuel
Hudson, Jas. C.
Illinois Surety Co.
Lloyd & Spengler
MacMeans, H. V.
Marshall, A.
Frank Co.
Meherin & Son.
Mark M.
Pacific Coast Cas-ualty Co.
Pacific Surety Co.
Webster - All-sopp Co.
Brick Contractors
Alexander, Robt.
Allen, C. J.
Anderson & Rainey
Brennan, J. E.
Collin, Jean
Devillers, J.
Drake, H. C.
Finnala & Sea-holm
Gilbertsen & Sons
Gibson, John E.
Hansen & Co.
Holding & Car-man

Hanson, James
Johnson, J. W.
Koberling, Jos.
Koldenstrodt, F.
McWhirter, W. J.
Mealey & Collins
Messner, Paul
Millerick, Phil. J.
Oberfeld, Chas.
O'Connor, P. E.
Reed & White
Tingberg, John
Watson Bros.
Whitney & Davies
Brick Dealers.
Bay Develop. Co.
Cal. Pottery Co.
Carnegie Brick & Pottery Co.
City Supply Co.
Clark & Sons, N.
Diamond Brick Co.
Tile Co.
Gladding - Mc-Bean Co.
Golden Gate Brick Co.
McNear Brick Agency
Richland Brick Co.
Steiger Terra Cotta & Pottery Wks
United Materials
Vallejo Brick & Western Develop-ment Syndicate
Western Lime & Cement Co.
Builders
Instruments.
Keuffel & Esser Co.
Building Journals
Architect & En-gineer.
Building and In-dustrial News.
Daily Pacific Builder
Building Materials
Algetinger, E.
Aisen's Portland Cement Co.
Baker & Hamil-ton
Bay Develop. Co.
Berger Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Mate-rial Co.
Cal. Pottery Co., City Supply Co.
Cut Lime & Hy-drate Co.
Carnegie Brick & Pottery Co.
Comyn, Mackay & Company.
Cow Line and Cement Co.
Diamond Brick Co.
Dwan Co., J. E.
Falls Mfg. Co.
Fuller & Co., W.P.
Gladding - Mc-Bean Co.
Gross Co., Felix
Guertin & Co., J. S.
Hollaway Exp. Metal Lath Co.
Holmes Lime Co.
Holland, J. P.
Johns Manville Co., H. W.
Jorgensen & Co.
Lennon Co., J. E.
Lilley & Thurston Co.
Meyer, Adolph
Pac. Portland Ce-ment Co.
Palmer Supply Co.
Paraffine Paint Co.
Parrott & Co.
Quality Lime & Cement Co.
Remond, Bk Co.
Roman Co., C.
Ryan, George
S. F. Lime Co.
Shannon, M.
Sherman, Kim-hall Co.
Simon-Pont Brick Standard Portland Cement Co.
Steiger Terra Cotta & Pottery Wks
Stone & Roberts
Vallejo Brick & Tile Co.
Waterhouse &

Price Co.
Western Asbestos
Magnesia Co.
Western Builders' Supply Co.
Western Develop-ment Syndicate.
Western Lime & Cement Co.
Whittier - Coburn Co.
Woods & Hud-dart
Cement Dealers.
Algetinger, E.
Aisen's Portland Cement Co.
City Supply Co.
Cowell Lime & Quality Lime
Dwan & Co., J. E.
Guertin & Co., J. S.
Holland, J. P.
Portland Cement Co.
Lennon Co., J. E.
Lilley & Thurston Co.
Meyer, Adolph
Pacific Portland Cement Co.
Shasta Lime pro-cessing Co.
Standard Portland Cement Co.
Waterhouse & Co.
Western Lime & Cement Co.
Chimneys, Patent
Clawson Co., L. E.
Dresser - McDon-nell Co.
Dunley & Gettle
Hughes, H. J.
Concrete Contrac-tors.
Amorse, C. A. & T.
Barrett & Hilp
Camp & Carrillon
Chalmers, H. A. (Inc.)
Chase, S. A. or
Crescent Concrete Co.
Dillon, H.
Gass Bros. Co.
Gnecco, M. H.
Grussel, Herman
Hansen & John-son
Hann, C. C. W.
Hurley, P.
Leonard, J. P.
McCabe & Brown
Mattson, J.
Mission Concrete & Mosaic Wks.
Nilson & Airas
New Portland Marble & Concrete Co.
Nugent, Robinson
Palmer Supply Co.
Peterson & Co.
Chas. T.
Rasmussen, A.
Riboni, Henry
San Francisco Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Spargo, John
Spoke, Francis
Thomas & Sands
Westerland, J. V.
Zimmerman, L. M.
Concrete Machy.
Bacon & Co., E. R.
Graves - Spears
Road Machy, Co.
Lilley & Thurston Co.
Livemore Co., Norman R.
Equipment.
A. L. Young Ma-chinery Co.
Bacon & Co., E. R.
Dunlap, E. R.
Lanning Co.
Lansford, Pelts & Myers
Orenstein - Ar-thur Koppel Co.
Cornice Works.
Atlas Heating & Ventilating Co.
Earth Cor. Wks.
Capital Sheet Metal Works
Comlin & Roberts
Crown Cornice Works
Guilfoxy Cor. Wks.

Comyns & Nygren
Forderer Cornice Works
G. & M. Sheet Metal Works.
Heipner Sheet Metal Works
Hiberna Sheet Metal Works
Higdon, H. J.
Hurvabelle Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet Metal Works
Morrison & Co.
Olive & Leary
United Metal Products Co.
Western Furnace & Cornice Co.
S. F. Metal Stamp & Corr. Co.
Crane Oil Burners
Bill & Jacobsen
Sherman, Kimball & Co.
Crushed Rock.
Bay Devel. Co.
Cal. Building Ma-terial Co.
Cassarotto, John
City Supply Co.
Holland, J. P.
McMullin, A. L.
Simon-Pont Brick Co.
Star Contracting Company.
Standard Crushed Rock Co.
Stone Co., E. B. & Western Develop-ment Syndicate
Damp Proofing.
Brickley, P. J.
Fox, John L.
Water-Ins-ter-Proofing Co.
Reagle & Jemel-son
Taylor, L. A.
Whittier Coburn Company.
Door Opener and Closer.
Rischmuller, Geo.
Electric Fixtures.
Calif. Gas & Elec-tric Fixture Co.
Pacific Gas & Electric Co.
Electric Light Co.
City Electric Co.
S. F. Gas & Elec-tric Co.
Electric Wiring & Equipment.
American Elect. Engr. Co.
Cal. Elec. Constr. Co.
Central Elec. Co.
City Protective Electric Co.
Decker Electrical Construction Co.
Farnsworth Elec-trical Co.
General Electric Constr. Co.
Globe Electric Works
Hanbricke, W. S.
Hicks Elect. Co.
Kirsten, W. H.
Levy Elec. Co.
Morgan Elec-tric Co.
McCell Elec. Co.
National Electric Works
Newberry - Bend-heim Elec. Co.
Pac. Fire Extinguisher Co.
Ridley, E. B.
Rochdale Elec.Co.
Schmitzschek, M.
Standard Elec. Co.
Morgan Elec-tric Co.
Vitt Elec. Co.
Weidental - Gos-liner Elec. Co.
Wel Electric Co.
Elevator Builders
Otis Elevator Co.
S. F. Elevator Co.
Van Emon Eleva-tor Co.
Estimator.
Crossett & East-man
Dillon, H.

Ferguson, W. H.
Horswell, H. J.
Howell, H. J.
Morser, E. J.
Pridde, Milton
Walker, J. M.
Church

Floors, Composition.

Artolith Mfg. Co.
Bender R.&P. Co.
J. W.
Dwan Co., J. E.
Fibrestone &
Flaherty R. & P.
Co., R. H.
Goodmansan, A. K.
Malott, Peterson
& Adams.
Watsonite Co.

Floors, Hardwood

Hardwood Int. Co.
Inland Floor Co.
Pac. Coast Sand-
ling Co.
Calvanized Iron.
Baker & Hamilton
Berger Mfg. Co.
Gas Picture.
Cal. Gas & Elec-
tric Co.

Gas Heating Systems.

Day Co., Thomas
Gas Heating Sys-
tems.
Rector System
Gas Heating Co.
Gasoline Tanks &
Pumps.

Glass & Glazing.

Cal. Plate & Win-
dow Glass Co.
Cohen, I.
F. Co., W. P.
Grosslicht & Din-
nle
Habenicht &
Mission Plate &
Window Glass Co.
Pierer Plate &
Window Glass Co.
Schwarz & Gott-
lieb.

Grading.

Branic, J. P.
Button, I. V.
Cassaretto, John
Dincenzel & Co.,
L.
Lillon Teaming Co.
Gallen & Carlin
Gargel Co., G.
Hartnett J. D.
Holland, J. P.
Lennon Co., J. E.
Leffer, Fred
Luggen, Ernest
McGhinchee &
Monahan

Gravel.

Montague Co., W.
O'Day Co., Dan'l
O'Donnell, Philip
Pico, Edw. F.
Powers, Charles J.
Rabinson & Woods
Schmid, A.
Shibley Grading &
Teaming Co.
Sutcliffe Co., C. H.
Wright Co., I. H.

Granite Curbing.

Graham Granite
Co.
Lead Granite Co.,
Pac. Granite Co.,
Placer Granite Co.

Gravel.

Bay Develop. Co.
Cal. Building Ma-
terial Co.
Cassaretto, John
City Supply Co.
Standard Crushed
Rock Co.
Star Contracting
Company
Stone Co., E. B. &
A. L.

Hardwood Deal- ers.

Inland Floor Co.
Hardwood Inter-
ior Co.

Wood Lumber Co.,
E. K.

Hardware Dealers.

Baker & Ham-
ilton
Bennett Bros.
Brittain & Co.
Krusse, J. H.
Joost Bros.
Marshall - Newell
Co. Supply Co.

Hardware Co.

Meysie, Adolph
Norman & Sons,
E. G.
Palace Hardware Co.
S. H. Ware Co.
Smith Co., P. A.
Italy & Grain
Aigeltinger, E.

Heating & Ventil- ating.

Ahlbach & Mayer
Atlas Heating &
Ventilating Co.
General Eng. Co.
Kierman & O'Brien
Hurley Co., J. C.
Lawson, Herman
Loomer, C. J.
Mangrum & Otter
Snook & Co.,
Fred W.
Turner Co., The

Houses Movers & Raisers.

Hatch, H. L.
Peterson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.

Inland Floors.

Callif, Parquet
Floor Co.
Hardwood In-
techoen, I.
Inland Floor Co.
Pac. Floor Sand-
ling Co.

Iron Foundry.

Enterprise Foun-
dry Co.
Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.

Baker & Ham-
ilton
Dawson & Noyes
Judson Mfg. Co.
Pacific Coast Steel
Company.

Trussed Concrete Steel Company.

Wood & Huddart
Iron Works.
Broder Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Folsom St., Iron
Works.

Glasser & Kloeres

Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeffer
Works
Iron Works
Ralston Iron
Works

S. F. Iron Works

Sartorius, J.
Sutcliffe's Iron
Works
Security Iron &
Wire Works
Steiger & Kerr
Stove & Found-
ry Co.

Vulcan Iron Wks.

West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Joist Hangers & Post Caps.

Kortick - Falls
Mfg. Co.
Lilley & Thurst-
on Co.
Roman Co., C.
Waterhouse &
Prie Co.

Western Bldrs.

Supply Co.
Lathers, Wood &
Metal.
Balzke, Robt.
Edwards, C. H.
Hays, Fred J.
Lynch, Richard
McAbee, E. T.

Raymond, Wm. H.
Ward, J. E.

Lime & Plaster Dealers.

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell, Lime &
Cement Co.
Guerlin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Lentini Co., J. E.
Portland
Cement Co.
Quality Lime pro-
ducts.
Western Lime &
Cement Co.

Lumber Dealers.

Avan Lumber Co.
Christenson Lum-
ber Co.
Columbia Lum-
ber Co.
Doe Co., Frank P.
Hardy Lumber Co.
Hart-Wood Lum-
ber Co.
Hastman Lum-
ber Co.
Krusse Co., J. H.
Hooper Lumber Co.
Kiehlens Lumber
Co., J. E.

Loop Lumber Co.

MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson - Mahony
Lumber Co.
Peterson, E. T.
Pope & Talbot
Reinhart Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.

S. F. Lumber Co.

Schouten & Co., J.
W.
Sunset Lumber Co.
Fierman & Beronio
Van Arsde-Har-
ris Lumber Co.
Wilson Bros. & Co.
Wood Lumber Co.,
E. K.

Yates, Wm. F.

Manganese Floor-
ing.
Artolith Mfg. Co.
Bender R.&P. Co.
Dwan & Co., J. E.
P. Co. & C.
Roofing Co.
Flaherty R.&P. Co.
R. H.

Goodmansan, A. K.

Malott & Peter-
son
Watsonite Co.
Mantels, Tiles &
Grates.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peerless Agencies
Watson Mantel &
Tile Co.
Marble and Mosaic
Work.
Gnecco, M. H.
Grassl & Co., P. C.
Mission Concrete
& Mosaic Wks.
Mission Marble
Works.
Munson Sons-Kee-
nan Co.
New Era Marble
& Concrete Co.
Vermont Marble
Co.

Metal Lath.

Atlantic Fire-
proofing Co.
Rafter Mfg. Co.
Holloway Metal
Lath Company.
Lilley & Thurston
Roebing Constr.
Co.
Waterhouse &
Prie
Western Builders'
Supply Co.

Metal Stamping

S. F. Metal Stamp-
ing & Corr. Co.
Oils and Graces.
Haten, J. G.
Standard Oil Co.
Ornamental Plus-
ter
Binner, Theodore
Brock & James
Connor, E. J.
Connik, T. V.
Lansford, C. F.
Lipp & Co., J. P.

Painters and Dec- orators.

Baker Co., W. T.
Bernstein, Wm.
Blum, Louis
Burns Bros.
Clark & Dickson
Cooksey, Al.
Cramer Bros.
Dahl, T. H.
Donova, S. J.
Ericksen, Wm.
Flynn & Mikkel-
sen.
Hansen, Elbing A.
Jourdain, Al.
Lewis, S.
Miller, L.
Miller, J. A.
Morgan, L. James
Manning, John
Neal, L. J.
Quandt & Son
Rush, L. J.
Schaffer, Wm.
Smith, J. S.
Sovic, C. B.
Spark & Sons.
John H. R.
Swanson, Peter
Walker, Mayer
Wagner, Fred
McNeill
Zelinsky, R.

Paints, Oils Var- ishes, Etc.

Clark & Dickson
Cohn & Co., Mar-
ion D.
Detroit Graphite
Co.
Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
Pratt & Lambert
Whittier - Coburn
Co.

Patent Chimneys.

Clawson Co., L. E.
Dresser - McDon-
Hughes, H. J.
Dunbar & Gittle
Dunbar

File Driving.

Lambuth, C. E.

Planing Mills.

Anderson Bros.
Birch Co., L. H.
Builders' Supply
Co., Depot
Cal. Planing Mill,
Emanuel, A. & E.
(Inc.)
Empire Planing
Mill
Hermann, A.
Herrling's Mill
Holden - Deuprey
Lorden Mill Co.,
J. P.

Main St. Planing

Moore Mill & Lum-
ber Co.
Pac. Coast Mill &
Lumber Co.
Premis Planing
Mill
Reinhart Lumber
& Planing Mill
Ryan, George
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Taylor & Co.
Union Mfg. Co.
Western Planing
Mill
Veyhle & Collins
Yates, Wm. F.

Plasterers.

Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas.
Campbell, Chas.
Cashman, M. J.

Chalmers, H. A.
(Inc.)
Fay, John
Greenback, Joe.
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, A.
Gilmour, W. G.
Jacobson, N.
Knowles, A.
Leaf & Kaiser
Luden & Eickel
MacIntire & Co.
Mowat, Donald
Orford, J. A.
Philbin, J. J.
Sexton, T. D.
Tarrant, M. J.
The Pacific Plas-
tering Co.
Wagner, James A.

Plumbing and Gas Fitting.

Ahlbach & Mayer
Alton, Thom. W.
Bosch Bros.
Bernard, Geo. F.
Condon & Band
Dunn, Neil H.
Empire Plumbing
Co.
Goss, Wm. P.
Grondona, A.
Houston, J. J.
Kara, F. E.
Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
May, Gus
McNeill
McLeod, J. J.
Penkerton, J. H.
Perazal, H. J.
Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Tippett, J. C.
Turner Co., The
Wetzel, Theo.
Wilson & Co. Wm.

Plumbers Supplies

Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agent, Freight & Pass- enger.

Kent, James B.

Railway Materials

Langford, Felts &
Myers
Orenstein - Ar-
thur Koppel Co.

Roofing, Gravel & Composition.

Andes Roofing Co.,
B. F.
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Cantley & Co., J.
Enterprise Roof-
ing Co.
Fibresone &
Flaherty, R. H.
Goodmansan, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lovett Bros.
Malott, Peterson
& Adams
Perry & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thibbets Roofing
Co.
Watsonite Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.

Roofing (State & Tile.)

Graham, R. G.
White, Ed. A.

Roofing Materials.

Hardwood, F. W.
Johns - Manville
Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.

Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. F.
Mullin Bros.
Stone Co., E. B. &
A. L.
Western Building
Co.
Western Develop-
ment Syndicate.

Sanitary Garbage Collectors.

Hill & Jacobsen
Sand Blasting,
McDermott, W.

Sheet Metal Wks.

Appman Cornice
Works
Atlas Heating &
Ventilating Wks.
Barth Cornice
Works
Capitol Sheet
Metal Works
Comyns & Nygren
Crown Cornice
Works
Forderer Cornice
Works
G. & M. Sheet
Metal Works
Guilfoyle Cornice
Hibbard Sheet
Metal Works
Heipner Sheet
Metal Works
Hughes, H. J.
Hurabelle Bros.
Ideal Cornice Wks.
Korell & Co., J. A.
Modern Sheet Met-
al Works
Morrison & Co.
S. F. Metal Stamp-
ing & Corr. Co.
United Metal
Products Co.
Western Furnace
& Cornice Co.
Sidewalk Lights.
Berger Mfg. Co.
Dwan & Co., J. E.
McGulgan & Co.,
John
Phoenix Sidewalk
Lights
Waterhouse &
Price

Stair Builders.

Bishop & Peralino
Boller, John
Jacobson, J.
Johnson, C. Wm.
Porter, W. F.
Stewart, J. K.

Stationery.

Poster & Short
Wright & Elliot.

Steel Bars.

Baker & Ham-
ilton
Dawson & Noyes
Woods & Hud-
dart

Steel Erector.

Schauer, Fred C.
Pioneer Constr. Co.
Wardens Con-
struction Co.

Street Contrs.

Conningham and
Elliot.
Store Fronts.
Kawner Mfg. Co.

Structural Steel Contractors.

Judson Mfg. Co.
Schraeder's Iron
Works.
Western Iron Sup-
ply Co.
Woods & Huddart

Stoves.

Mangrum & Otter
Steiger & Kerr

structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Ralston Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.
Surveyors.
Morser, E. J.
Sanborn & Corin-son
Teaming & Grading.
Brantley, J. P.
Button, L. V.

Wright Co., J. H.
Tilling.
Ginsberg & Co. S.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter-
Peerless Agency
Til Mfg. Co.
Watson Mantel &
Vacuum Clean-
Bill & Jacobson
Sherman, Kimball
Co.
Wall Beds.
Marshall - Stearns
Co.

Water Company.
Spring Valley
Water Works.
Whitewashing
Brickley, P. J.
Relgie & Jamison
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
Progressive Win-
dow Cleaning
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Door Openers.
Rjschmuller, Geo.
Electrical.
California Electric-
cal Works.
Central Electric
Co.
City Electric Co.
Decker Electric Co
Globe Elec. Co.
Hanbridge, W. S.
Levy Elec. Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Van Emon Eleva-
tor Co.
Fibre.
S. F. Fibre & Cord-
age Co.

**Heating & Vent-
ilating.**
Burnham Plumb-
ing & Heating.
Cronan, Wm.
Mangrum & Otter-
Montague, W. W.
& Co.
**House Moving &
Raising.**
Blume Conf'g Co.
Pearson, E. K.
Sullivan, D. J. & T.
Interior Floors.
Hardwood Inter-
rior Co
Inallg Floor Co.
Pacific Floor
Sanding Co.
Iron Works.
Michaels & Pfeif-
er
Monarch Iron
Works.
Pacific Rolling
Mill Co.
Pacific Struc. Iron
Works.
**Interior Decora-
tors, Lathers.**
Snell & Dennis.
Lynch Richard
**Joist Hangers &
Post Caps.**
Kortick - Falls
Mfg Co.
Lilley & Thurston
Co.

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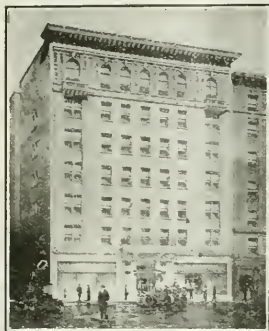
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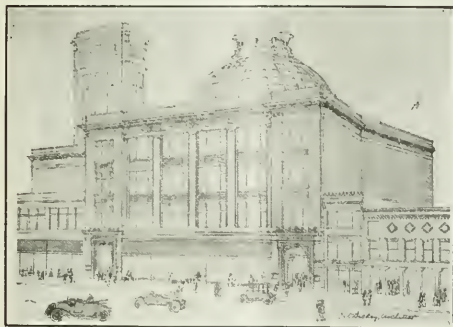
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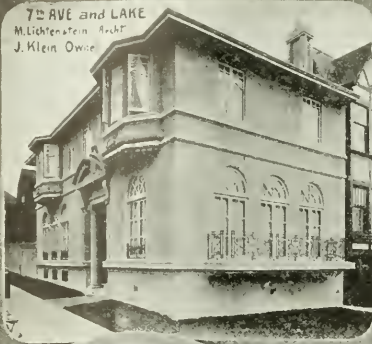
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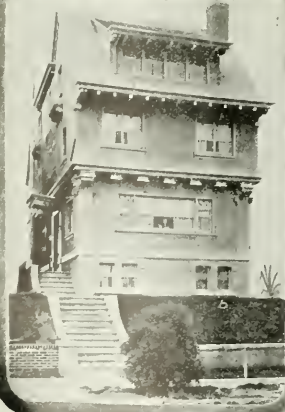
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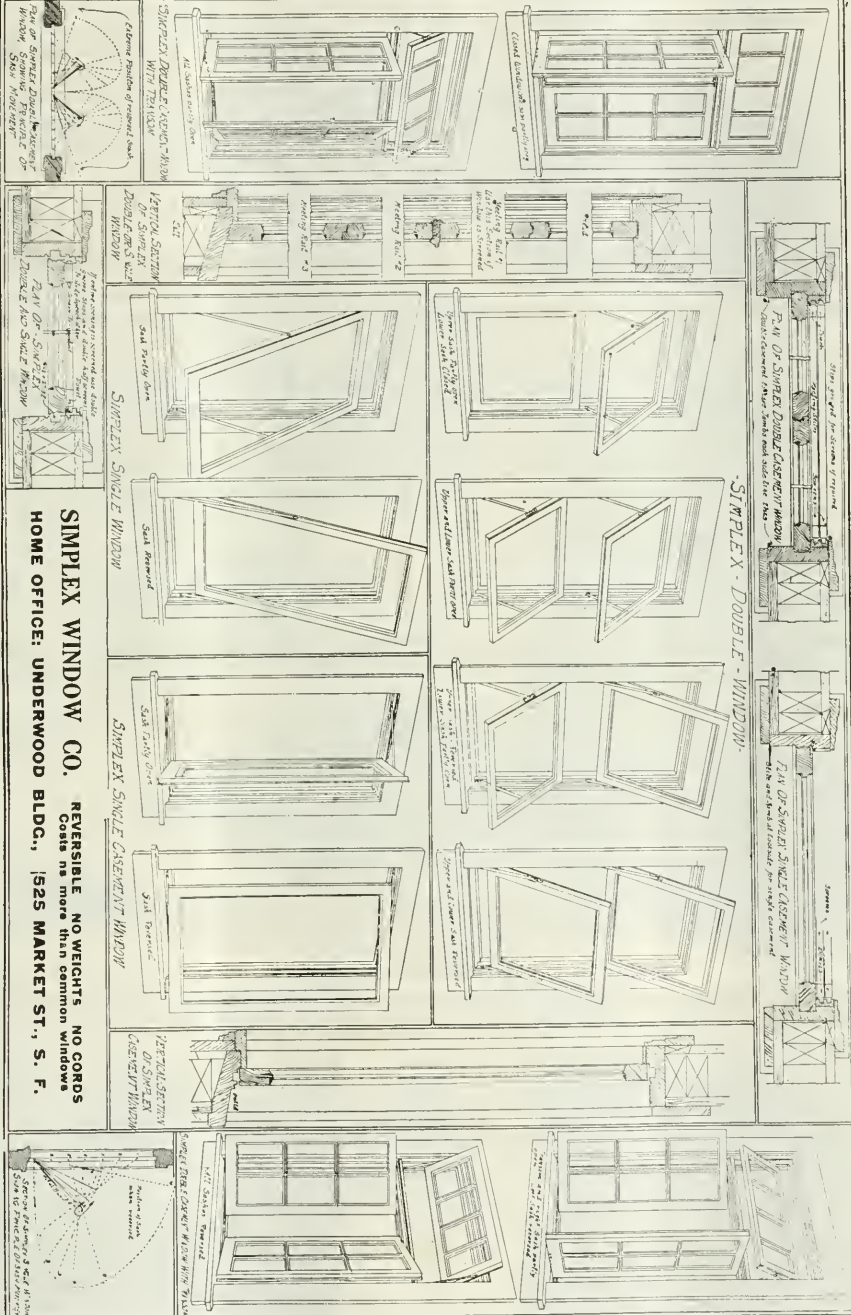
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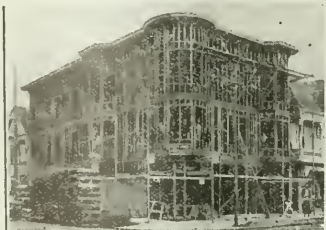


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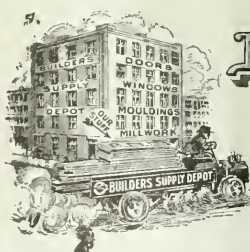
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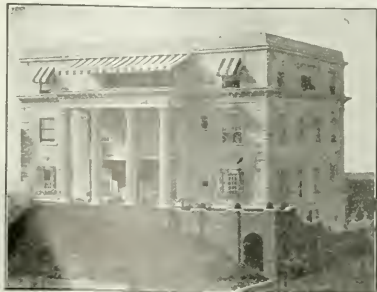


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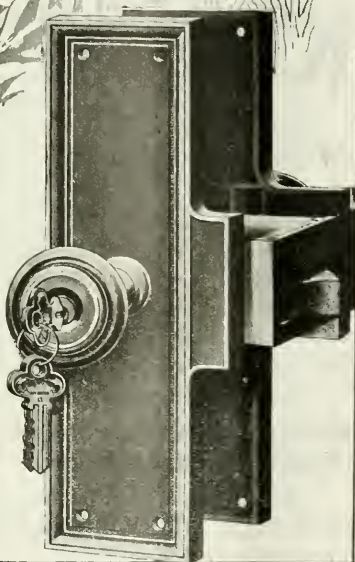
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Building and Industrial News

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Editorial Comment.

So far as building is concerned San Francisco presents about an even balance with the rest of the country for the month of October. In fact so far as amount of contracts filed go it is ahead of the general average. Reports from more than fifty cities representing the chief building centers throughout the country made to the American Contractor, Chicago, show an aggregate loss of about 14 per cent as compared with the same month last year. The great cities of the country all showed a loss of a material character. This some of them off set the normal gain of the interior cities and brings up the balance on the wrong side of the ledger for the month. However, this is but the swinging of the pendulum at the close of a rather inactive year. In August the showing was unfavorable. In September the balance was on the right side. In October the pendulum swings back again. Particulars are to be found in the following table:

City.	Oct., 1913.	Oct., 1912.
Akron	\$ 463,425	\$ 490,845
Albany	781,965	365,575
Atlanta	338,340	2,115,667
Baltimore	697,606	1,019,554
Buffalo	1,347,000	1,616,000
Cedar Rapids	496,000	211,000
Chattanooga	89,470	57,840
Chicago	9,314,100	8,745,600
Cincinnati	581,345	798,625
Cleveland	1,979,075	1,916,260
Columbus	590,005	341,993
Dallas	519,435	274,875
Dayton	252,225	196,550
Denver	241,703	450,510
Duluth	212,452	178,785
Fort Wayne	155,385	227,415
Grand Rapids	257,863	218,092
Hartford	608,505	422,865
Indianapolis	573,048	757,445
Kansas City	1,540,705	893,335
Lincoln	89,037	74,525
Los Angeles	1,701,550	2,677,780
Louisville	332,580	534,010
Manchester	149,022	538,789
Memphis	196,990	750,891
Milwaukee	1,210,123	1,189,766
Minneapolis	1,249,950	1,117,380
Nashville	73,496	65,518
Newark	675,530	773,748
New Haven	214,785	399,465
New Orleans	208,750	187,632
New York—		
Manhattan	2,996,843	3,221,485
Brooklyn	2,553,080	3,379,847
Bronx	907,397	2,460,189
Total	6,457,330	9,061,521
Oakland	777,387	619,073
Omaha	294,025	225,365
Petersen	172,605	159,587
Peoria	291,969	151,875
Philadelphia	2,716,850	3,641,225
Pittsburgh	1,362,387	797,999

Richmond	147,060	426,520
Rochester	735,403	915,121
St. Joseph	61,128	112,325
St. Paul	804,252	869,946
St. Louis	820,073	1,454,125
Salt Lake City.....	171,795	209,476
San Francisco	1,594,219	1,918,839
Scranton	102,251	126,216
Shreveport	84,485	153,613
Spokane	140,340	145,330
Springfield	110,015	78,815
Toledo	\$68,165	404,553
Topeka	51,695	76,267
Washington	660,932	803,123
Wilkes-Barre	206,687	281,101
Worcester	494,044	739,509

Total\$46,247,491 \$52,982,552
Uncertainty as to the tariff legislation, crop failures in the middle west, and a cessation in speculative business enterprises probably accounts for much of the inactivity of the money market and the consequent dullness of business that finds its reflection in the building situation. As soon as the tariff situation is settled and some currency measures adopted that will insure stability in business matters we may confidently expect a steady revival in building along with a healthy growth of business.

The currency system of this country has always been more or less defective. The great majority of the business of the country is done on credit and that credit is controlled under our present system by a small band of financiers. And that band of financiers belong to the federal age. They think in their own mind that they are the overlords of creation and designated by God to rule the financial world.

While there has been a general knowledge that the currency system is defective there has been no general agreement as to the remedies needed and reform seemed far distant. It was thought that nothing would be done until there had been another panic. But President Wilson has stayed with the ship and by rare perseverance and patience has succeeded in linging up his party for a currency measure that is a marked improvement on the present system. The bill has passed the house but is now threatened in the Senate by the opposition of stand pat senators who are the vassals of the overlords of the money world.

In this action, however, the President has the support of the people and however servile the Senate may be it is only a question of time till they hear from home.

And it is only a question of time till the senators will be elected by the people directly. The more often they are forced into the open and made to declare themselves for or against the people the sooner will there be reform and direct government instead of government by indirection.

"PRACTICAL SUBJECTS."

The Interaction of Two Elemental Forces, Mind and Material, in the Development of Architectural "Art."

By G. G. Irvine, A. R. I. B. A.

The subject which I have chosen for this short paper, while not at first glance appearing to come within the ordinary range of what are usually known as "Practical Subjects," is yet one which I hope to be able to prove is of practical value and one which properly understood may act as a master key to many of the secrets of the art which we practice. I can only attempt here and now to touch on a few of its aspects.

The interaction of two elemental forces, the mind of the architect and the material with which he builds, is what is at the back of every development in our art, every style, whether Classic or Gothic, great or decadent, however different in outward seeming in which it has been manifested. It lies at the root of our successes and our failures and it will continue to do so as long as there are architects or architecture, or in other words, until the end of time. In a sense we might express the embodied realization of any architectural scheme in terms of a combination of these two elements.

One should not press analogy too far, but I will carry that of the chemical element a little further; the result of the combination of two elements is something entirely new and different from either of its components; but having established from experience what that result is, we can predict it with certainty, and by varying their relations we may produce results with corresponding variations of character.

Let us see how far this principle holds good in our own case, taken first of all in its broadest aspect. Here we have our two elements, the first an active, inspiring and directing energy, a quickening spirit; the second an inert mass of facts and materials, with unknown potentialities.

I think it can be shown that the whole history of our art is a record of the effect of the interaction of these elements upon one another, and that the cause of the success or otherwise of the work of any particular time or country may be traced to the dominance of one or other of these two factors, for there is a constant struggle between them for predominance.

Looking back to the earliest times we find the second of our elements which so far at any rate as building materials are concerned, may be considered as a constant, practically overwhelming the as yet feeble strength of the other.

Egyptian work exemplifies this. Why is it that the work of this vast period—some four thousand years, or double the whole length of time that has elapsed since its close; during which a great empire was building great buildings, with the most imperishable materials, which judged by the criteria of the man in the newspaper, size and cost, have probably never been approached—why is it that we do not accept it as a success, that it has had practically no influence, that its forms are of more interest to the historian

or the archaeologist than the architect? The reason lies in the fact that all through this period the mind of the architect has not been able to dominate completely the dead weight of the material. We can see how the forms of this architecture were evolved far back beyond the dawn of history from the natural common sense use of the materials available, in this case mud and reeds; how these forms were then continued in structures of stone, and finally granite, with practically no change, the same proportions, the same mouldings, the same flat scheme of wall decorations—there is an evident want of elasticity, mind is in bondage to matter, the dead weight of material dominates all.

What a change strikes us when we turn to the work of the Greeks. Here we have something very different; there is no question here of success or failure. It is universally admitted that the summit of Greek art is one of the great outstanding peaks, perhaps the one in which our art has soared nearest to the ultimate perfection. It is worth while enquiring a little more closely here into the causes for this. Greek architecture did not spring forth ready armed like Minerva from the brain of Zeus, it was the result of growth, of experiment, of thought, especially the latter; it, too, passed through its time of bondage, the Egyptian derived his forms from the primitive use of mud and reeds; the Greek, from a primitive style founded on the use of crude brick, wooden columns, and a curious method of construction with small rubble, stiffened by wood, gradually evolved those magnificent works which are likely to remain the highest standard of abstract beauty in architecture. Here we see the earliest instance in which our first element has assumed its rightful position; it is not as mere building works that we look upon such examples as the Parthenon or Erechtheum. They are not remarkable for size or very great richness of decoration; they are, it is true, of marble, but so are many buildings; it is as the clear-cut expression of mind that they make their appeal to us, the material is so absolutely dominated that we almost ignore it.

Yet when we come to analyze them we see that there is no single feature or detail used that does not still carry with it what may be called its birth marks; in a sense the Greek was one of the least original of men, he was content to take the features and ornaments he inherited and use them, but before using them he passed them through the crucible of his mind and brought them forth refined and purged of every crudity and every discordant note, yet he always kept them true to type. We know that the Greek art or plaster originated in the upright sheathing of timber at the end of a crude brick or rubble wall. It is doubtful if the architect of the age of Pericles knew as much, yet in his treatment of it, he never treated it as

a semi-column. He never diminished it or gave it an entasis even when it responded to a line of columns, and its cap and base were quite independent. In the same way the Doric and Ionic entablatures retain the forms stamped upon them by their birth in another material but so modified and refined as to be completely in harmony with the material in which they were executed. Greek architecture was necessarily limited in some respects by the material in which it was constructed, for instance, the space that could be spanned by a stone beam; but, on the whole, there is no phase of architecture which is so nearly the pure product of mind and shows so little of the influence of material.

We must then, if I am right, ascribe the cause of the success of Greek architecture to the result of the continuous efforts of many generations, through some five or six centuries at least, to arrive at what would satisfy the subtle, intellectual, artistic, and critical Greek mind as the perfect type of beautiful building. It is a complete triumph of mind, so complete that no sign of struggle is visible, it seems effortless, and its results have that feeling of inevitableness that runs through the Greek tragedy.

Let us now turn to the work of our own ancestors, the northern races of Europe. The contrast is excessive between the calm atmosphere which surrounds Greek work and the fierce energy, the almost feverish effort which pervades Gothic; nevertheless, the climax of Gothic architecture forms another of the high peaks to which architecture has risen.

We are all prepared to admit its success; we are sorry for the man who cannot see beauty in the porches of Chartres, the choir of Beauvais, the interior of Westminster or the country churches of England; but when we ask for an explanation of the fundamental causes of that success we are met by the most conflicting statements and theories. The school of which Ruskin is the prophet ascribes it entirely to the spiritual qualities of its builders, their devotion to those lamps which form the theme of one of his most beautiful works; another school, of which we hear more in these later days, seems inclined to place everything to the credit of the skill (which is something apart from what we mean by mind) of the craftsman, and the nature of the materials. I believe the truth lies somewhere between the two and that the causes of its successes and failures may be gauged by the same criteria that we employed in the previous cases. We see in its beginnings in what we call Romanesque a style in which the mind is clearly under the dominion of the material, then we see an awakening, a mental power and growth manifesting itself with a suddenness which seems almost miraculous and which leaps almost at a bound to the highest pinnacle. The mental power which could conceive,

the daring which could carry out such stupendous works as the great stone-vaulted cathedrals of Northern France. Who can read the description of the building of the Sainte Chapelle in Paris, where the vaulting ribs were said to sway in the wind like the boughs of trees, and when the centres were struck the workmen ran like rats, without feeling that the mind that could plan and carry out that work with confidence, was fully master of the material with which he dealt, but this predominance is very different from that of the Greek; he worked with material in such a way that it still remains the inert vehicle in which the mind expresses itself. Our Gothic architect on the other hand, having conquered his material, takes it into partnership, he breathes inspiration into it, and draws inspiration from it, he almost makes it live; it is this that gives Gothic architecture its distinctive character and this close partnership between mind and material gives rise to the very divergent standpoints from which it is regarded.

In all these early styles that I have touched upon, our problem is a comparatively simple one and we can arrive at a conclusion by thinking of our elements in their simplest and broadest aspects. It is when we come to consider the work of the Renaissance and later times down to and including our own that we are brought face to face with much more complex conditions; but the analogy with which I started will still help us here; we have been looking at these elements in the way in which I suppose we were all taught to regard them, as the ultimate, indivisible and unchangeable points beyond which we could not go. We are told now that the elements are themselves capable of division, of change, of alteration of character. The Renaissance which changed the human standpoint in every other line of thought assuredly did no less for architecture, the essence of that change consists in the addition it made to the character of our elemental material. Architectural material has at all times, of course, included much more than mere building materials, but in the early styles we can take that as the type and ignore other considerations without vitiating the argument. Not so with any work built since the birth of the Renaissance. The Renaissance was a period of discovery, new worlds were discovered, not only physical but mental, scientific and artistic. What we are concerned with was the vast mine of new material which it placed at the disposal of the architect by the rediscovery of the antique world and the recognition of the value of the products of previous civilization, the study and analysis of this eventually resulted in the formation of a code of rules, and the fixing of certain canons of proportion, giving a definite standard of taste by which all subsequent work must be prepared to submit to be measured. It is of no use for us to protest against the tyranny of "The Orders." They are there. If we except religious ritual there is no other form which human thought has moulded to express an abstract idea which has persisted with the strength and unchangeableness of this. The Orders are the conveyor, but I take it to include the final type of the idea which I wish to

study of all previous styles by the architect, so far as they are likely to be of practical use to him; not to merely copy their forms, but to use them intelligently, and with due regard to their own meaning and their fitness for the use to which he proposes to put them.

Since the Renaissance we can no longer take mind and material (considered as building material merely) as summing up our combination. We cannot leave out of account that intelligent knowledge of past building forms which must be considered as a part, and a very important part, of the material which the architect must assemble before he can begin to give form to his ideas even on paper.

The relation of mind and material is still the key to the cause of success or failure in architecture; but in stating it thus we must bear in mind this new and more complex conception of what is included in the element of material. In the early days of the Renaissance, when the mind seemed capable of rising to any height under the influence of the great outburst of energy which swept all before it, it showed itself able to assimilate and dominate the whole of the material available, and we see the results of the work of the giants of those days, for instance Brunelleschi, one of the most interesting of architects, and the other men who made Florence what it is; then as more and still more of this material becomes available by the scholarly research of such men as Alberti and Raphael, it is seized upon and made their own, by such minds as Sanmichele, Peruzzi and Michel Angelo, and once again we have a period in which mind is complete master of material, dominating it, yet in sympathy with it, the sympathy of complete understanding. This I take to be the secret of the success of these great masters. As time went on, however, the energy which marked the birth of this period somewhat died down, at the same time the material continued to increase in strength and volume. Owing to the facilities afforded by books and illustrations more and more of it became available, and once more material—but in this new form—began to dominate mind and the era of the textbook is in sight. The process was slow and was broken by many brilliant exceptions, such as Palladio, Virgola, and our own Inigo Jones and Wren, but the general tendency is unmistakable until we come to that death in life which seems to have overtaken architecture after Chambers.

We may learn something from failures as well as successes and the cause of this failure I would ascribe to the predominance of material in the shape of the great mass and weight of classic forms and traditions which the mind of the time was unable to assimilate and which stifled its energies. We have, thank goodness, passed that stage, and once more fine work is being done, work which we believe may justly be styled successful, and I believe we may apply the same criteria to the most modern work as to the most ancient, the cause is still to be found in the relation of the mind to the material which it must employ; the mind is once more showing itself capable of taking its rightful place, of using the forms it has inherited with

the power of a master, not copying them as a servant.

The secret of power is knowledge, and it is only by acquiring a thorough and scholarly knowledge of what the past has to teach us that we can hope to use those materials in a way that will satisfy the demands of the present and the future, for remember we must use them one way or the other. We cannot avoid it, and if we have not the training, the knowledge and the insight to use them intelligently and consistently, we must use them ignorantly.

Does not the success attained by the work of such firms as McKim, Mead and White, or Carriere and Hastings, to take examples familiar to all of us on this continent, rest ultimately upon their authors' complete understanding and sympathy with the antique styles, the forms of which they are content to take as their material? And is it not a perhaps unconscious feeling of the necessity for some readjustment of the relation between mind and material which is at the bottom of the great strides which the subject of architectural education has taken in the last few years and the importance with which it is regarded by all bodies representative of the profession both in Europe and America? I do not know what has been done or is being done in that matter by our Association. We occupy a position here to which architects in the old country have for many years been vainly aspiring and only now begin to see some hope of attaining, a position of rightful privilege; that position is granted to us not as individuals but as representatives of the great art that we represent and whose credit is in our keeping and is an acknowledgement of its value to the community.

The possession of rights and privileges implies the performance of duties, and I have no doubt whatever that the Alberta Association will take its place in the movement for better education in architecture which is now going on all over the world and thereby advancing what must be the ultimate aim of all our different bodies, the advancement of architecture.

Before closing, I would like to say a few words on that subject of architectural education.

It has three aspects more or less interdependent. First, the education of the public. Architecture has to a great extent lost that position which it held up to a period not so long ago, when some knowledge of it was considered a necessary part of a liberal education. There are signs that in the most advanced centres steps are being taken to retrieve this position. The effect of a healthy public opinion and public taste on such matters can hardly be exaggerated; it is really necessary if the best work is to be done. The public always gets in the long run what it demands, also what it deserves, and it is one of the first duties of a representative body such as this to do what may be possible, from time to time, to form and mould that public opinion. You are all better judges than I of what is possible or desirable in that respect here. I would suggest that the consideration of such a matter as the proper representation of art generally and architecture in particular, as well as subjects relative to construction in the program outlined for the proposed

university here comes well within the scope of the Association's work. In a general way, I think that every means possible should be taken to interest the public in our work and our aims.

The second aspect is the one we are most familiar with, that of the education of the student. This is one which must, shortly at any rate, be faced as our towns begin producing their own students instead of relying entirely upon their education elsewhere. At the present time there must be many here who would be glad of some opportunity to supplement the training they have had, and I would like to see some attempt made to organize these students to give them a helping hand and bring them in touch with the Association. The great thing is to bring them together, they will educate each other to a great extent once that is accomplished. I would like to draw out suggestions on this subject.

The last aspect is the education of ourselves. We are all students. When we cease to learn we cease to live. Meetings such as these we are holding help to keep us from falling into grooves. They may give us fresh

ideas. Could it not be carried further? Would it not be possible to meet somewhat more frequently for the purpose of talking over matters of interest to all of us, from the Mechanics' Lien Act, to Town Planning, or even to smoking our pipes together. I think the meeting of those interested in the same thing is always of benefit to all of them, and it would certainly foster a spirit of comradeship and mutual respect. Those of us who have lived in towns where no regular organization existed, as I have, will know the cut-throat spirit with which architects unfortunately regard each other, a spirit which seems to be minimized at least in those places where they have frequent opportunities of meeting and co-operating with each other. I may seem in these remarks on the subject of education to have traveled rather far from the theme which I took as my subject, but I shall have failed in my purpose if I have not been able to show you that they have a practical bearing upon it and that the subject itself is not of mere abstract interest, but that it is one of the most vital and practical to all of us whose aim is to produce good architecture.

terior of the building will be faced with pressed brick. Plans are being prepared.

BANKS.

SANTA ANA, ORANGE CO., CAL.—Bank and Offices, 5 story and base, Class A construction. Cost not stated. Architects, T. Beverly Klein, Jr., & Co., Los Angeles Investment Bldg., L. A. Owners, Farmers' and Merchants' Bank of Santa Ana. The building will be erected on one of the principal business corners having a frontage of 50 feet on one street and 100 feet on the other. Construction will be fireproof with a steel frame, reinforced concrete floors, walls and roof slabs. First floor will be occupied by the bank. Upper floors will contain a large number of offices. Interior of the banking rooms will be finished in tile, marble and hardwoods. There will be special coin and safe deposit vaults. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with pressed brick. Plans are being prepared.

BRIDGES.

MULTNOMAH FALLS, ORE.—Vladuet and bridge, reinforced concrete construction. Cost not stated. Engineer, Samuel C. Lancaster, County Engineer Multnomah Co., Portland. Owners, Multnomah County. The combination bridge and vladuet will be built around a rocky point and will be 100 feet in length. Construction, including piers and approaches, will be of reinforced concrete. Plans have received the approval of the Board of Supervisors and are now out for figures. Plans, specifications and full particulars can be secured from the County Engineer.

CHURCHES.

DIXON, SOLANO CO., CAL.—Church, 2 story and base, reinforced concrete, \$25,000. Architect, John J. Foley, 16 Kearny street, S. F. Owners, Roman Catholic Church of Dixon. The building has been designed in the Spanish Mission style and will be of reinforced concrete construction throughout. The main auditorium will have a seating capacity of 600 people. Interior finish will be of pine and ornamental plaster. There will be a central heating system. Considerable marble and tile will be used. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared and figures will be called for as soon as working drawings can be completed.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, brick and steel, \$100,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Congregational Church of Long Beach. Contractors, Kling Co., Union League Bldg., general construction. Contract price, \$100,000.

COURT HOUSES.

STOCKTON, SAN JOAQUIN CO., CAL.—Court house alterations. Cost not stated. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners,

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architects, Dunn and Kearns, Monadnock Bldg., S. F. Owner, M. Byrne. The building will be erected on the west line of Webster street south of Pacific and will cover an area of 16½ by 100½ feet. Interior has been arranged for twelve large suites which will be designed for a high class of tenants and which will be finished in the most modern style. Plans provide for steam heat, elevator service, dumb waiters, vacuum cleaning and a hot water supply. All suites will have private baths and wall beds. Bath rooms will be finished in tile with composition floors. Entrance will have marble wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, F. Rossi, 1795 Filbert street, S. F. The building will be erected on Lombard street near Franklin and will cover a ground area of 27½ by 77½ feet. Interior has been arranged for six suites of two and three rooms with wall beds and private baths. Interior finish will be of pine throughout. A hot water supply will be installed. Exterior of the building will be covered with cement plaster on metal lath and a pressed brick veneer face. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$100,000. Architects, Dunn and Kearns, Monadnock Bldg., S. F. Owner's name not given. Contracts for the steel work and various other parts of the work on the building at the northeast corner of

Post and Leavenworth streets have been let. The architects are now taking subfigures for other parts of the work. Full particulars can be had at their offices.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$8,000. Architect, none. Owner, Paul N. Nippert, Insurance Exchange Bldg., S. F. The building will be erected on the west side of Divisadero street south of Haight covering an area of 24 by 86 feet. There will be six apartments arranged in four room suites with private baths and wall beds. Interior will be finished in pine throughout. There will be a hot water supply and vacuum cleaning system. Bath rooms will be finished in tile. Entrance will have tile wainscot and marble steps. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

OAKLAND, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner, F. G. Baird. The building will be erected on the west side of Oak street between 14th and 15th streets and will have a frontage of 50 feet and a depth of 150 feet. The building has been designed to contain a total of 75 rooms which will be arranged in suites of two, three and four rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be steam heat, an automatic elevator, a hot water supply and a vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Ex-

San Joaquin County. This work will consist of extensive alterations to the County Clerk's office in the County Court House. Included in the work is a large amount of cabinet work, oak finish, one Tucker Alarm draw, marble and tile work and electric work. Plans have been completed and figures are now being taken. Plans and specifications can be secured from the architect.

MERCED, MERCED CO., CAL.—County Hall of Records, 1 story, base, and mezzanine floor, reinforced concrete. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, Merced County. The following bids were opened at Merced on Tuesday, November 11th, for the construction of a one story and base fireproof Hall of Records. The structure was designed by Architect C. H. Russell of this city. Separate figures were received for the general construction and for the heating and ventilating. Fred J. Anweg, 244 Kearny St., San Francisco, was lowest bidder at \$35,995. No award of contract was made and all figures were taken under advisement. Merced Hall of Records—Campbell & Turner, \$40,980; Graham & Jensen, \$38,447; Johnson Bros. and Brolinne, \$54,485; Fred J. Anweg, \$35,995; George W. Boston & Son, \$39,440. Heating and ventilating—Pacific Blower and Heating Co., steam, \$2,800; hot air, \$2,135.

SAN FRANCISCO—City Hall work, Class A construction, \$4,500,000. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Architects Bakewell & Brown state that plans and specifications for the plumbing, electric work and heating and ventilating on the City Hall will be completed within a week or ten days. Aside from the large contracts already awarded these are among the largest of the contracts to be let. Bids will be called for by the Board of Public Works as soon as the plans and specifications receive final approval. Contracts for marble and tile work and elevators will follow in the course of the next month or six weeks.

Contracts Awarded.

SAN FRANCISCO—City Hall work, Class A construction, \$4,500,000. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F., plain, reinforced concrete and fireproofing for City Hall. Contract price, Proposition A, \$156,375; Proposition B, \$32,875; total, \$189,250.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Factory, 2 story and base, reinforced concrete. \$25,000. Architect, V. W. Voorhees, Elitel Bldg., Seattle. Owners, A. F. Ghiglioline and Sons. The building will cover an area of 90 by 105 feet and will be practically fireproof with reinforced concrete walls, floors and interior partitions of hollow tile. Plans provide for elevator service, fireproof doors and metal window sash and frames. A steam heating and drying system will be installed. Interior of the building will be finished in pine. About \$5,000 worth of special machinery will be installed. Exterior will be faced with cement plaster. Plans

and specifications will be complete by December 1st. A general contract will be let.

PORTLAND, ORE.—Stable building, 2½ story and base, brick and mill construction, \$20,000. Architect, C. A. Houghtaling and Co., Henry Bldg., Portland. Owner, Robert O'Neill. The building will be erected on the east side and will cover an area of 100 feet square. Construction will be of brick and mill type with brick walls and heavy timber floors and joists. No interior finish will be used. Exterior will be faced with stock brick. Plans are complete and figures will be called for about November 10th.

Contracts Awarded.

ASTORIA, ORE.—Flour mills, reinforced concrete, \$60,000. Architect, none. Owners, Astoria Flouring Mills, Astoria. Contractor, C. L. Houston, Astoria, general construction. Contract price, \$60,000.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Fire house, 2 story and base, brick and concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and have received official approval for the construction of Engine House No. 48. The building will be erected at the north-west corner of 22nd and Wisconsin streets. First floor has been designed to accommodate the equipment, stables and lounging room. Upper floors will contain captain's office, reading room, showers and sleeping quarters for the men. Interior will be finished in pine with some hardwood. There will be a steam heating system and special electrical equipment. Exterior of the building will be faced with pressed brick. Plans are now out for figures and bids will be opened by the Board of Public Works on November 26th.

OAKLAND, CAL.—Jail plumbing and equipment. Cost not stated. Architects, Palmer, Hornbostel and Jones, New York City, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids are being called for on the plumbing for the City Jail, located in the new City Hall building. Bids will be opened on November 20th. Plans and specifications can be secured from the supervising architect, J. J. Donovan, Security Bank Bldg., Oakland. An official proposal appears in another column of this issue.

FLATS.

SAN FRANCISCO—Flat alterations, 2 story and base, frame, \$5,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner's name withheld. This work will consist of the alteration of the present two story frame dwelling at the corner of Larkin and Greenwich streets into a modern flat building containing four flats of four and five rooms. There will be new plastering, interior finish, plumbing, electric work and tile and painting. Exterior of the building will also be altered. Plans are complete and figures will be called for at once.

Contracts Awarded.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architects, Smith

and Stewart, 244 Kearny st., S. F. Owner, Sidney Pringle. Contractor, Louis J. Diebel, 1554 Leavenworth st., S. F. Contract price, \$5,000.

GOVERNMENT WORK AND SUPPLIES.

Pearl Harbor Dry Dock Problem.

The officials of the bureau of yards and docks of the Navy Department have been in consultation during the past week with the contractors, whose work on the big dry dock at Pearl Harbor was interrupted some months ago by a serious disaster at a time when the successful progress on the project seemed assured. The Navy Department has carefully considered the report of Civil Engineer Noble, who was specially employed to examine into the situation, and it has been decided that the amended method of construction, suggested by that expert, shall be adopted. It remains to be determined to what extent the Navy Department is involved in additional cost on account of the accident, requiring further appropriation by Congress. The negotiations which have been conducted this week have been with a view to settling some of the minor technical details. In the meantime, Civil Engineer E. R. Gayler, U. S. Navy, who has been in charge of the Pearl Harbor dock construction as a representative of the government, has been ordered to Washington to consult with the department officials, and he left for Honolulu for this purpose on Saturday. Other work at the Pearl Harbor station is progressing satisfactorily. Steps have been taken to obtain bids for the steel work on the million-dollar coaling plant which is to be erected. The first contract to be awarded will amount to about \$400,000 and is the largest project now pending under the bureau of yards and docks.

Marine Island, Cal., Kitchen.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for constructing an addition to the kitchen at the U. S. marine barracks, Marine Island, Cal.:

Gutleben Bros., San Francisco, Cal., \$3,465; alternate bid, deduct \$200. Pringle, Dunn & Co., San Francisco, Cal., \$3,850.

R. S. K. MacMillan, San Francisco, Cal., \$3,044.

Pearl Harbor, H. T., Ice-Making Plant.

The following bid was received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for an ice-making and cold-storage plant to be constructed at the naval station, Pearl Harbor, H. T.:

Item 1, building, complete; 2, price for building if roof is sheathed and covered with asbestos slate in place of corrugated steel roofing; 3, price for building, but omitting stucco, leaving terra cotta exposed.

Lord-Young Engineering Co., Honolulu, H. T., item 1, \$11,300; 2, \$12,000; 3, \$11,000.

PROSPECTIVE BIDDERS. Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms

in addition to those previously noted in these columns:

Albany, Oreg., Construction, November 26.

J. E. & A. L. Pennock, 1003 Land Title Building, Philadelphia, Pa.
King Lumber Co., Charlottesville, Va.

Hilo, Hawaii, Construction, January 15.
Sound Construction and Engineering Co., 1907 Lowman Building, Seattle, Wash.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Henry D. Whitfield, 160 Fifth avenue, New York City.

W. N. Concannon, Monadnock Building, San Francisco, Cal.

Southwestern Construction Co., Central Building, Los Angeles, Cal.

Grant Fee, 2440 16th street, San Francisco, Cal.

Spalding Construction Co., Grant avenue and Bush street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

Pacifiello, Idaho, Construction, December 11.

J. F. Jenkins & Co., Ocala, Fla.
Campbell Building Co., Salt Lake City, Utah.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Kauai, Building, December 6.
Pauley Jail Building Co., New York City.

Standard Construction and Engineering Co., Seattle, Wash.

Pearl Harbor, Officers' Quarters.
The contract for the construction of a double set of officers' quarters at the marine barracks, Pearl Harbor, H. T., has been awarded to the Lord-Young Engineering Co., Honolulu, H. T., at \$17,700.

Puget Sound, Officers' Quarters.
The contract for the construction of marine officers' quarters at the navy yard, Puget Sound, Wash., has been awarded to J. L. Murphy & Son, Tacoma, Wash., at \$34,217.

Douglas, Wyo., Construction.
The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Douglas, Wyo.:

Bid 1. W. D. Lovell, Minneapolis, Minn.
2. J. F. Jenkins & Co., Ocala, Fla.
For building, complete—Bid 1, \$61,990; 2, \$61,950.

For alternate No. 1 (substituting terra cotta for certain reinforced concrete floor construction), add—Bid 1, \$300; 2, \$400.

For alternate No. 2 (additional painting of interior plaster), add—Bid 1, \$1,600; 2, \$650.

For alternate No. 3 (substituting Keene's cement for plastering), add—Bid 1, \$1,200; 2, \$610.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 1, \$1,356; 2, \$1,300.

Canal Circular 806.

An advertisement appears elsewhere in this issue calling for bids to be

opened November 22 by the purchasing officer, Isthmian Canal Commission, for furnishing supplies under circular 806 as follows:

Class 1, 2 lightning transformers; Class 2, 1 7-panel switchboard and 2-panel switchboard; Class 3, Varished cambric lead-covered cable; Class 4, miscellaneous conduit and fittings; Class 5, circuit boxes, junction boxes, and bells, reflectors, etc.; Class 6, 2 synchronous motor generator sets and 2 auto transformers.

Canal Circular 807.

The Isthmian Canal Commission will open bids November 24, 1913, under canal circular No. 807, for furnishing the following supplies and material: Class 1, operating devices for monitor sashes; Class 2, 6 transformers; Class 3, card time recorders, self-winding master clock, card racks, and time cards; Class 4, 208 porcelain lavatories, 64 urinals, 61 water closets, and 8 slop sinks; Class 5, 40 shower heads; Class 6, 60 compression bibbs and 50 compression stops; Class 7, 75 reducing ferrules, 125 ferrules, 75 soldering nipples, and 75 brass vent fittings; Class 8, 125 lead bends; Class 9, 285 ft. brass tubing; Class 10, 1,800 lbs. special hexagon bronze; Class 11, 10,000 lbs. low-grade Rabbit metal; Class 12, a quantity of reinforcing bars; Class 13, 50,000 ft. hoisting cable; Class 14, 5,000 ft. filler rope cable; Class 15, 10,000 lbs. soft steel wire; Class 16, 19,900 lbs. cone-head boiler rivets; Class 17, 21,300 machine bolts; Class 18, 9,600 lbs. plate or cut washers; Class 19, 300 machinists' hammers; Class 20, 40 sledge hammers; Class 21, 96 twist drills for Paulus track drills; Class 22, 35 wood snatch blocks; Class 23, 80 wood tackle blocks; Class 24, 6 differential chain blocks; Class 25, 3 double-gear chain blocks; Class 26, 50 cargo trucks; Class 27, 2 unmounted grindstones; Class 28, 4,000 ft. wire-wound steam hose; Class 29, 275 manhole gaskets; Class 30, 2,500 yds. cotton canvas; Class 31, 24 prs. oars; Class 32, 5,000 baker's deeps, 6,000 fruit dishes, 3,600 flats, 1,300 dessert plates, 4,400 dinner plates, and 2,500 soup plates; Class 33, 1,050 glass iced tea pitchers; Class 34, 90 wicker waste baskets; Class 35, 152 broom rules; Class 36, 500 sheets binder's board; Class 37, 100 journal books; Class 38, 200 "mining" transit books; Class 39, 1,000 gals. gasoline; Class 40, 100,000 ft. B. M., long-leaf yellow pine or Douglas fir flooring lumber; Class 41, 15,000 ft. B. M., white pine or sugar pine rough lumber; Class 42, 45,000 ft. B. M., white pine or sugar pine (pattern lumber) rough lumber.

Reclamation Service, Transformer.

The following bids were received at the office of the U. S. reclamation service, Los Angeles, Cal., for furnishing one 10-K. V. A. transformer for the Sun river project:

Allis-Chalmers Co., Los Angeles, Cal., \$75.52.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., \$90.

Crocker-Wheeler Co., Los Angeles, Cal., \$92.34.

Westinghouse Electric and Mfg. Co., Los Angeles, Cal., \$93.18.

Reclamation Service, Bolts and Washers.

The following bids were received at the office of the U. S. reclamation service,

ice, Los Angeles, Cal., for furnishing, item 1, 140 anchor bolts, 4 ft. by 2 in.; item 2, 140 cast-iron washers, 12 in. sq.:

Continental Bolt and Iron Works, Chicago, Ill., \$402.50.

Arthur J. O'Leary & Son, Clearing, Ill., \$494.20.

Walker Mfg. Co., Denver, Colo., \$530.
Baker Iron Works, Los Angeles, Cal., \$511.

Minneapolis Steel and Machine Co., Minneapolis, Minn., \$564.

Independent Foundry Co., Portland, Oreg., \$623.

Advance Machine Co., Los Angeles, Cal., \$623.

Union Machine Co., San Francisco, Cal., \$630.

Leewellyn Iron Works, Los Angeles, Cal., \$672.

Fulton Engine Works, Los Angeles, Cal., \$714.

Pearl Harbor, Structural Steel Work.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for structural steel work for coaling plant at the naval station, Pearl Harbor, H. T.:

Item 1, net price for the work completely erected and ready for laying railway ties and rails; 2, net price for the steel work fabricated and delivered at naval station, Pearl Harbor, government to erect; 3, net price for the steel work fabricated and delivered "free alongside" at New York, government to transport and erect; 4, net price for work as under item 1, with the omission of steel work under two most easterly lines of track shown on plans; 5, net price for work as under item 2, with the omission of steel work under two most easterly lines of track shown on plans; 6, net price for work as under item 3, with the omission of steel work under two most easterly lines of track shown on plans.

U. S. Steel Products Co., 30 Church street, New York City, item 1, \$377,200; 2, \$241,900; 3, \$191,850; 4, \$322,690; 5, \$206,943; 6, \$164,151. Deduct \$8,200 from items 1 or 2. Deduct \$7,000 from items 4 or 5, conditionally.

The Phoenix Bridge Co., Philadelphia, Pa., item 3, \$244,000; 6, \$204,200.

The King Bridge Co., Cleveland, Ohio, item 1, \$559,000; 2, \$366,700; 3, \$293,000; 4, \$478,500; 5, \$313,000; 6, \$250,000.

Hamilton & Chambers, 29 Broadway, New York City, item 1, \$367,500; 2, \$219,800; 4, \$216,500; 5, \$209,500.

W. N. Concannon Co., San Francisco, Cal., item 1, \$346,960; 4, \$308,230; alternate bid, item 1, deduct \$25,500; 4, \$28,000.

Ritter-Conley Mfg. Co., Pittsburgh, Pa., item 1, \$357,260; 2, \$255,135; 3, \$231,740; 4, \$306,540; 5, \$242,740; 6, \$198,935.

McCintie-Marshall Co., Pittsburgh, Pa., item 3, \$245,100; 6, \$217,920.

HALLS & SOCIETY BLDGS.—

SACRAMENTO, CAL.—Lodge hall, stores and offices, 4 story and base, reinforced concrete, \$135,000. Architect, Washington J. Miller, 45 Kearny st., S. P. Owners, Sacramento Native Sons Hall Association. Architect Washington J. Miller has been commissioned to prepare plans for a large reinforced concrete building which will be erected by the Sacramento Native Sons Hall Association on their property at the north-

west corner of 11th and J streets in Sacramento. The structure will cost in the neighborhood of \$135,000 and has been designed in the Florentine style. Construction will be practically fireproof. There will be one large store on the first floor. Banquet room will occupy the basement. Second and third floors will be arranged for lodge rooms, social halls and parlors. The fourth floor will be arranged for modern offices fitted up for physicians and dentists. Interior partitions and floors will be of fireproof construction. Plans provide for steam heat, elevator service and a vacuum cleaning system. Considerable marble and tile work will be used. Exterior of the building will be faced with cement plaster. Figures will be called for as soon as plans can be completed.

BAKERSFIELD, KERN CO., CAL.—Addition to lodge hall, 2 story and base, brick, \$30,000. Architect's name not given. Owners, Bakersfield Elks' Hall Association. The present Elks' building on Chester avenue will undergo extensive repairs and a two story addition will be constructed. New portion of the building will contain social rooms, banquet hall and living apartments. Interior finish will be of pine and hardwoods. A maple floor will be used in the ball room. There will be a central heating system. Exterior will be faced with pressed brick to correspond with the present building. Plans are being prepared. G. H. Galbraith is chairman of the Building Committee.

SHERIDAN, ORE.—Lodge hall, 2 story and base, brick, \$10,000. Architect, L. R. Bailey Co., Abington Bldg., Portland. Owners, Masonic Lodge of Sheridan. The structure will be 53x85 in size, and will have concrete foundations. A face brick will be used in the front and work has already been started on the foundation. The first floor will be used for storage purposes while the two upper floors will be used for lodge and office purposes. Plans will be completed in about three weeks, when bids will probably be called for.

Contracts Awarded.

GLENDALE, LOS ANGELES CO., CAL.—Lodge hall, 2 story and base, brick and steel. Cost not stated. Architect, Paul V. Tuttle, Delta Bldg., L. A. Owners, Glendale Masonic Temple Association. Contractor, E. D. Yard, 127 1/2 Maryland street, Los Angeles. Contract price not stated.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$22,000. Architect, Charles J. Rousseau, 45 Kearny st., S. F. Owner's name withheld. The building will be erected at the southeast corner of Lombard and Steiner streets covering an area of 50 by 95 feet. There will be five stores on the first floor besides the hotel lobby and entrance. Upper floors have been arranged to contain in the neighborhood of 50 guest rooms and several private and public baths. Interior will be finished in pine and redwood. There will be steam heat, a hot water system and other modern conveniences. Bath rooms will have composition floors and tile wainscot. Stores will be provided with patent fronts and plate glass windows. Exterior of the building will be covered with rustic and

cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$50,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. This building has been mentioned here before, when preliminary plans were started. The structure will be erected on the west lire of Taylor street north of Sutter and has been designed for a store and hotel lobby and entrance on the first floor and about 65 rooms on the upper floors. Interior will be finished in pine and hardwoods with some ornamental plaster in the office and lobby. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are nearly ready for figures.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$25,000. Architect, Charles J. Rousseau, 45 Kearny street, S. F. Owner's name withheld. This building, similar in design to another hotel structure, plans for which are being prepared by the same architect, will be erected at the southwest corner of Lombard and Scott streets. The building will have frontages of 50 by 100 feet and will be arranged for five stores on the first floor and 65 guest rooms and a number of public and private baths on the upper floors. Interior finish will be of pine and redwood. Plans provide for steam heat, running hot and cold water and a vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Ornamental plaster will be used in the lobby. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Hotel heating system. Cost not stated. Architect, Fred D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. Plans are complete and figures are now being called for the installation of a steam heating system in the new seven story and base brick and steel hotel building which is now under construction at the corner of 13th and Webster streets. Plans are out for figures. Full information as to the system can be secured from the architect.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and steel. Cost not stated. Architects, Train and Williams, Exchange Bldg., L. A. Owners, F. W. Wachter and associates. The building will be erected on north 4th street east of San Pedro, having a frontage of 75 feet by a depth of 95 feet. Plans provide for four stores and the hotel entrance on the first floor. Upper floors will be subdivided into 60 guest rooms and a number of public and private baths. Interior finish will be of pine throughout. There will be steam heat a hot water system and vacuum cleaning. All rooms will be provided with lavatories. Bath rooms will have composition floors and tile wainscot. Patent store fronts and plate glass windows will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

OCEAN PARK, LOS ANGELES CO., CAL.—Hotel, 4 story and base, brick

and steel. Cost not stated. Architects, S. Tilden Norton and F. H. Wallis, Title Insurance Bldg., L. A. Owners, W. M. Gottschalk and A. Sieroty. The building will cover an area of 47 by 83 feet and will contain 5 stores in the first story and 48 guest rooms and 12 bath rooms in the upper stories. Pressed brick facing, structural steel, plate glass windows, galvanized iron cornice, composition roofing, fire escapes, pine trim and floors, lavatory in each room, steam heat, plumbing, elevator, metal lath, vacuum cleaning, electric wiring, etc. Plans are complete and the work will be done by Day Labor.

PORTLAND, ORE.—Hotel, 2 story and base, brick, \$35,000. Architect, Robert Tegen, Morgan Bldg., Portland. Owner, A. L. Parkhurst. This work has been mentioned here before. The building will be arranged for stores on the first floor with hotel rooms above. Interior finish will be of pine throughout. Plans provide for steam heat. A number of the rooms will have private baths. Hot and cold running water will be supplied to all rooms. Bath rooms will have cement floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans have been revised and new figures will be called for at once.

RAILROAD CONSTRUCTION—AND EQUIPMENT.

SEATTLE, WASH.—Railroad commissary building, 2 story and base, steel and concrete, \$30,000. Architect, A. R. Cook, Chief Engineer N. P. R. Co., Seattle. Owners, Northern Pacific Railroad Co. The building will be erected on the King street property of the company and will cover an area of 40 by 190 feet. Construction will be fireproof throughout with a steel frame, reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. Interior will be finished in pine throughout. There will be steam heat. Considerable white porcelain and terra cotta tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

RESIDENCES.

SAN FRANCISCO—Residence 2 story and base, frame, \$3,000. Architect, A. H. Peterson, Mills Bldg., S. F. Owner, Charles Anderson, 762 Cole street, S. F. This dwelling will be erected on the east side of 25th avenue north of Judah and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. A brick veneer base is also to be used. Plans are complete and the owner will do the work by Day Labor.

SAN FRANCISCO—Residences, 6 2-story and base, frame, \$2,500 each. Architect, none. Owner, Jonathan Anderson, 423 16th avenue, S. F. These

houses will be erected on the east side of 29th avenue near Anza street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the living and dining rooms. There will be large open fire places in the living rooms with mantels of brick or tile. Tile wainscot will be used in the baths and kitchens. Exteriors will be covered with cement plaster on metal lath, rustic and ship-lap. Plans are in the hands of the owner and he will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, S. M. Mirack, 8 Regent street, S. F. The house has been designed for a six room dwelling and will be erected on the north side of Regent street near Winipee. Interior will be finished in pine and redwood with hardwood floors in the two principal rooms. There will be a large open fire place with brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. He is now purchasing all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000 each. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. These houses have been designed to contain seven rooms and bath and will be erected on the east side of 23rd avenue north of California. Interiors will be finished in pine with some hardwood veneer. Oak floors will be used in the principal rooms. The living rooms will have large open fire places and tile or brick mantels. Automatic water heaters will be installed. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$2,000. Architect, J. M. Geary, 23rd and Folsom streets, S. F. Owners, Parkside Home Building Co. The house has been designed for a five room dwelling with bath. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be a large open fire place and brick mantel in the living room. The dwelling is to be erected on 23rd avenue south of Taraval. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Miss Jeanne Wintermute. The dwelling will be erected in the Claremont Tract and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heater will be installed. Exterior of the dwelling will be covered with shakes and shingles. Plans are nearly complete and

figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. This dwelling, which is to be erected in Thousand Oaks Park, will contain seven rooms, bath and sleeping porch. Interior will be abnormally finished in pine and redwood. Oak floors will be used in the living room, dining room and den. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the owners will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2 story and base, frame, \$4,000 each. Architect, none. Owners, Interurban Home Builders, Alameda and Solano ave., Berkeley. This firm will shortly start construction on two handsome dwellings, each of which is to contain seven rooms and which will be erected in the Northbrae Tract. Interiors will be finished in pine and redwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms and kitchens will have tile wainscot. Automatic water heater will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Material figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2 story and base, frame, \$5,750 each. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. These houses will be erected on Sierra street and have been designed for seven room dwellings with bath and sleeping porches. Interiors will be finished in pine, white enamel and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscoting will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the owners will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalows, 6 1/2 story and base, frame, \$2,700 each. Architect, none. Owners, Interurban Home Builders, The Alameda and Solano ave., Berkeley. These houses will be erected in the Northbrae Tract and each will contain six rooms, bath and sleeping porch. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantels in the living rooms. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster, shingles and rustic. Plans are complete and work will be done by Day Labor. Bids on materials are wanted.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. The dwelling will be erected on Sierra street in Northbrae and will contain six rooms, bath and sleeping

porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$10,000. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Adams Point and has been designed for a nine room house with several baths and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. Automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,700. Architect, none. Owner, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. The house will be erected on Sonoma ave., and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished largely in pine with oak floors in the living and dining rooms. An open fire place and tile or brick mantel will be installed in the living room. Tile wainscoting will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, T. S. Mathis. The dwelling will be erected on Cedar street and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Walla Vista avenue and has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat. A large open fire place with brick or tile mantel will be used in the living room. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owners, Patrick-

Nelson Co., 2011 Shattuck ave., Berkeley. The dwelling, designed for a seven room house, will be erected at the northeast corner of Sonoma and Sierra streets. Interior will be finished in pine with some hardwood veneer and white enamel. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Tile wainscot is specified in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Calmar avenue and has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat, vacuum cleaning and automatic water heater. Large open fire places with brick or tile mantels will be used in several of the rooms. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Mountain View ave., and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some oak veneer in the dining room. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame. Cost not stated. Architect, Frank S. Forester, 1417 Arch street, Berkeley. Owner, Mrs. A. T. Burns. The dwelling, designed for a six room house with bath and sleeping porch, will be erected in the Claremont Tract. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick or tile. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, W. G. Appleton, First National Bank Bldg., Berkeley. The dwelling will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. The plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in

the kitchen and bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. The dwelling will be erected at the corner of Sonoma and Tulare avenue and has been designed for an eight room house with bath and sleeping porch. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN LEANDRO, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, Erwin Schaffer, Albany Block, Oakland. Owner, Emil Storz. The dwelling has been designed for a five room house with bath. Interior finish will be of pine. Oak floors will be used in the living and dining rooms. There will be a large open fire place in the living room with a brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residences, 3 2-story and base, frame, \$4,500 each. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, H. P. Houston. These houses will be erected in Piedmont Manor and each has been designed to contain seven rooms, bath and sleeping porch. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared. When complete the work will probably be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, Patrick-Nelson Co., 2011 Shattuck avenue, Oakland. The dwelling will be erected at the northeast corner of Sonoma and Ventura avenue and has been designed to contain eight rooms, baths and sleeping porch. Interior will be finished in pine, white enamel and hardwood veneer. Oak floors will be used in the living, dining room and reception hall. There will be furnace heat. Open fire places and brick or tile mantels will be used in the principal rooms. Plans provide for an automatic water heater. Tile wainscot will be used in the baths and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect,

none. The following Day Labor jobs are reported as about to be started in Stockton: W. H. Thompson, 806 North Hunter street, 2 2-story, frame, \$3,000 and \$2,800 each; C. H. Peterson, \$25 North Commerce, 2 story, frame, \$2,500; J. J. Molloy, 128 East Poplar, 2 story, frame, \$2,000; Kate F. Austin, East Main and American streets, 1 story frame bungalow, \$1,200; H. O. Toschischewsky, 125 South California street, 1 story, frame, \$1,500; H. W. Johnson, 423 Mariposa, 2 story, frame, \$1,900, and Moore and White, South California, 2 story, frame, \$3,200.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in Sacramento: J. Harry Wygant, 1227 I street, 2 story, frame, \$3,000; A. Andrew, Palmetto and Terrace ave., 1 story frame, \$1,500, and R. H. Sanders, 2764 Monterey ave., 1 story, frame, \$1,700.

HEALDSBURG, SONOMA CO., CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Laura E. Gillis. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine throughout. There will be hardwood floors in the living room and dining room. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

WOODSIDE, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$14,000. Architects, W. Garden Mitchell and Charles Edward Hodges, Bankers Investment Bldg., S. F. Owner, William Fitzhugh. A contract for barns and outbuildings which are to be a part of an extensive country home which is to be erected in the Portola Tract, near Woodside, has been let. Plans for the dwelling are nearly complete and figures will be called for shortly. The house will contain in the neighborhood of 10 rooms, several baths and sleeping porches. There will be furnace heat and open fire places. Mantels will be of brick and tile. Interior will be finished in pine and hardwoods. Oak floors will be used in the principal rooms. Exterior of the house will be covered with cement plaster on metal lath.

SCHOOLS.

PATERSON, STANISLAUS CO., CAL.—School, 1 story and base, reinforced concrete, \$40,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Patterson School District. The building will cover a large ground area and has been designed to contain ten class rooms, assembly hall and principals office. Interior finish will be of pine with maple and pine floor. There will be a plenum heating system and modern ventilation. Included in the work will be program clocks, and a bell system. Exterior of the building will be faced with cement plaster. A red clay tile roof will be used. Plans are being prepared and figures will be called for within a few weeks. Further mention will be made in these columns when bids are being called.

SAN JOSE, SANTA CLARA CO., CAL.—School gymnasium, 1 story, frame and concrete. Owners, State of California. Plans have been completed and approved for the construction of a gymnasium at the San Jose State Normal School bids will be opened by the State Board of Control on December 8th at 12 o'clock. Plans and specifications and full particulars of this work can be secured from the State Engineer at Sacramento. An official proposal appears in another column of this issue.

SAN JOSE, SANTA CLARA CO., CAL.—School addition, 1 story, brick, \$10,000. Architect, Charles S. McKenzie, Bank of San Jose Bldg., San Jose. Owners, City of San Jose. A one story brick addition is to be made to the present San Jose High School. The addition will contain a number of class rooms. Interior finish will be of pine throughout. The present heating system will be extended into the new portion of the building. Exterior will harmonize with the older portion of the building. Plans are complete and work will be started at once.

FRESNO, FRESNO CO., CAL.—Orphans' Home addition, 1 story and base, brick. Cost not stated. Architect, County Surveyor Scott McKay, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the County Supervisors for a one story brick building to be erected at the County Home for Orphans. Bids will be opened on December 2nd. Plans and full particulars can be obtained from D. N. Earnwell, County Clerk, Fresno. A check for 10 per cent must accompany each bid.

GLENORA, LOS ANGELES CO., CAL.—School, 1 and 2 story and base, brick, \$30,000. Architects, Allison and Allison, Hibernal Bldg., L. A. Owners, Glendora School District. The building will be erected in a central portion of the city and has been designed to contain ten standard size class rooms, principals' office, assembly room and teachers' rooms. The interior will be finished in pine with maple and pine floors. Plans provide for steam heat and vacuum cleaning. Marble will be used. There will be a program clock system. Exterior of the building will be faced with pressed brick. Plans are being prepared. Further mention will be made of this work when figures are called.

CHENEY, WASH.—School group of 1 and 2 story reinforced concrete buildings, \$300,000. Architect, Julius Zittel, Jamieson Bldg., Spokane. Owner, State of Washington. This group has been designed for a State Normal School. Construction will be fireproof with steel frames and reinforced concrete walls and floors. All modern conveniences will be installed. Exterior will be faced with cement plaster. Plans are complete and separate figures are now being taken on the general construction, plumbing, heating and electric work. Bids will be opened on November 29th. The principal at Cheney or the architect will furnish full particulars.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—School, 2 story and base, brick, \$76,718.16. Architect, A. B. Sturges, Story Bldg., L. A. Owners, Long

Beach School District. Contractor, J. W. Davison, 325 Walnut street. Long Beach, general construction; Long Beach Plumbing Co., plumbing, \$6,822; Southern California Electric Co., Long Beach, electric work, \$1,317; The Long Beach Improvement Co., heating and ventilating, \$9,994.

BRAWLEY, IMPERIAL CO., CAL.—School, 2 story and base, brick, \$44,500. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Brawley School District. Contractor, James Martin, Selma, general construction, \$14,500; Wormell and Drawbaugh, Pasadena, painting, \$1,968; Standard Electric Time Co., L. A., program clocks, \$477.50.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Steel storage tanks, 40 concrete and steel tanks, \$50,000 each. Engineer, V. N. Dalton, Foxcroft Bldg., S. F. Owners, American Gasoline Co., Kohl Bldg., S. F. Structural Engineer V. N. Dalton has prepared plans for 40 steel and concrete gas olive storage tanks, which will be erected at various places on the coast, mostly in California, by the American Gasoline Co., Kohl Bldg. Each tank will be 150 feet in diameter and 50 feet high. The tanks will have steel covers. Each tank has a capacity of 55,000 barrels. Contracts will be let by the owners. An estimate of \$50,000 each is placed on the work.

RICHMOND, CONTRA COSTA CO., CAL.—Tunnel and road work, \$250,600. Engineers, Haviland, Dozier and Tibbets, Alaska Commercial Bldg., S. F. Owners, City of Richmond. The first of the important work in connection with extending Richmond avenue through to the outer harbor is to be started at once. Plans have been completed for the construction of 5000 feet of road which will include a tunnel of some length. Completion of the entire project, bonds for which have been voted, will involve an expenditure of \$1,170,000. Included in this work will be the construction of wharfs and docks. Bids for the road and tunnel work will be opened on December 29th. Further particulars can be secured from the engineers.

SEATTLE, WASH.—Watermains and tunnel work, \$500,000. Engineer A. H. Dimock, City Engineer, Seattle. Owners, City of Seattle. Plans have been completed by the City Engineer, A. H. Dimock for the construction of two 150 ft. shafts and a 900 ft. tunnel for watermains under Lake Union from 7th avenue and East Lake to 7th avenue and North Lake at a total cost of \$500,000, divided as follows: Shafts \$80,000, tunnel \$220,000. It is expected that bids will be called for in the near future. The shafts will be from 16 to 17 feet inside diameter and will take 1627 cubic yards of concrete for lining. The tunnel, which will be 12 ft. in diameter, is built primarily for a 42 inch watermain.

Contracts Awarded.

SAN JOSE, SANTA CLARA CO., CAL.—Incinerator plant, \$26,796. Engineer's name not given. Owners, City of San Jose. Contractor, Z. O. Field, San Jose. Contract price, \$26,796.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and loft, 2 story and base, brick, \$10,000. Architect, William Knowles, Hearst Bldg., S. F. Owner, Mrs. Carrie Rea. The building will be erected on the north side of Mission street east of 7th and when complete will be occupied by an art glass firm. Interior finish will be of pine throughout. The building will have a frontage of 25 feet and a depth of 79 feet. There will be patent store fronts, modern plumbing and electric work and some special machinery. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Stores and loft, 2 story and base, brick, \$27,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. This building will be erected in the wholesale district and has been designed for two commission stores on the first floor and lofts above. Foundations and walls will be heavy enough to carry additional stories in the future. There will be metal window sash and frames, pine interior finish and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SACRAMENTO, CAL.—Store alterations, brick construction, \$10,000. Architect, Charles E. Wallace, Consumers' Ice Co., Sacramento. Owners, Consumers' Ice Co. This work will include new interior finish, plumbing, electric work and painting. The building is located on Lot 7 between 8th and 9th streets. Some exterior brick work will be called for in the contract. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, Class B construction, \$110,000. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owners, Bensinger Estate. Contractor Carl Leonardt, H. W. Hellman Bldg., L. A., general construction. Contract price, \$110,000. Note—This work does not include plumbing, heating, electric work, elevators and automatic sprinkler system.

THEATRES.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 2 story and base, Class A Construction, \$100,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Williamson and Mason. This work has been mentioned here before when the architect was first commissioned to prepare plans. Working drawings are complete and figures are being taken. The building will be erected on the west side of Shattuck avenue south of University covering an area of 60 by 125 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior will be finished in metal and hardwoods with considerable ornamental plaster. There will be steam heat and a modern system of ventilation. The main auditorium and galleries will have a combined seating capacity of 2000 people. Exterior of the building

will be faced with cement plaster. The building has been leased for a long term of years to the Turner and Dahnen Circuit.

SEATTLE, WASH.—Theatre, 2 story and base, reinforced concrete, \$40,000. Architect, J. A. Creutzler, New York Bldg., Seattle. Owner, Ole Hansen. This building will be erected at the corner of 15th avenue and Republican street covering a ground area of 36 by 120 feet. Construction will be fire-proof throughout with reinforced concrete floors, walls and roof slabs. Interior will be finished in pine and metal with some ornamental plaster. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster and terra cotta. Plans are being prepared and contracts will be let as soon as the working drawings can be completed.

SEATTLE, WASH.—Theatre, 4 story and base, Class A construction, \$125,000. Architects, Beezer Bros., or E. W. Houghton, Seattle. Owners, Jensen and Von Herberg, Alhambra Theatre, Seattle. The building is to be erected on 1st avenue north of Pike. The owners have not commissioned either of the architects as yet but state that one or the other of these firms will prepare plans. Further information will be given in these columns when plans are selected.

SEALED PROPOSALS.

PROPOSALS FOR EXCAVATING AND CANAL DITCHING.

STEEL, LUMBER, PIPE, CONCRETE, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States reclamation service, Great Falls, Mont., until 2 o'clock p. m., December 18, 1913, for the construction of structures of the Fishkum reservoir supply canal and river slope canal, involving about 82,000 cubic yards of excavation, 14,000 cubic yards of concrete, the placing of about 664,000 pounds of reinforcing steel, the erection of about 10,000 pounds of structural steel, the laying of wooden structures of about 66,000 feet, B. M., of lumber, and the laying of about 24,000 linear feet of drain pipe. The work is situated on the north side of Sun river, from 25 to 70 miles west of Great Falls, Mont., and is near the line of the Sun river branch of the Great Northern Railway. For particulars address the United States reclamation service, Washington, D. C., Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, acting director.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 807.—Proposals for Operating Devices for Monitor Sashes, Transformers, Card Time Records, Sanitary Fixtures, Rags, Tubing, Bronze Bars, Babbit Metal, Bolts, Infencing Steel Bars, Steel Cable, Steel Wire, Rivets, Bolts, Washers, Hammers, Twist Bits, Snatch Blocks, Tackle Blocks, Chain Blocks, Grindstones, Hose, Asbestos Gaskets, Cotton Canvas, Oars, Chinaware, Glass Pitchers, Rules, Waste Baskets, Binder's Board, Blank Books, Gasoline and Lumber.—Sealed proposals will be received at the office of the general purchasing office, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., November 24, 1913, at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 807) may be obtained from this office or the offices of the assistant purchasing agents, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer of the Isthmian Canal, at the following cities: Seattle, Wash.; Los Angeles, Cal.; R. C. 000318, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR JAIL PLUMBING.

Pursuant to Resolution No. 6916, N. S., the Council of the City of Oakland will receive proposals for bldgs. and alterations and for furnishing of all the materials, labor and workmanship required for the Plumbing for the Jail in the City Hall Building in the City of Oakland, California.

All proposals shall be made upon and conform to The requirements of the forms of proposals prepared and furnished by the City, through the Architect, and shall be enclosed in sealed envelopes, endorsed "Bids for furnishing of all the materials, labor and workmanship required in connection with the Plumbing for the Jail required for the City Hall Building," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between eleven o'clock a. m. and twelve o'clock noon, Pacific time, on the 20th day of November, 1913, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by the City in accordance with the plans, drawings and specifications prepared therefor and on file in the office of Palmer, Hornbostel & Jones, Architects, City Hall Building, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the proposal submitted by the bidder. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bond of the forms required by the City and as required by the Charter of the City of Oakland, within five (5) days after receiving notice of award.

The contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the Owner or Architects, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications, prepared therefor, to the entire satisfaction of the Commissioner of Public Works and the City Engineer, or before eighty (80) working days from and after the beginning of the work. The City of Oakland will retain Fifteen (15) per cent of the proposed payments or money due the Contractor, as proper, liquidated and ascertained damages, for each and every working day consumed by the Contractor for the performance and completion of the work in excess of the eighty (80) working days allowed and mentioned above.

A set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgment and specifications will be furnished contractors on demand at the office of the Architects at City Hall Building.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings, will be given by the Architects upon application at their office at the City Hall Building.

The right is reserved to the Council, in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter of the City of Oakland.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 26th day of November, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of Engine House No. 5, of the San Francisco Fire Department, to be located on city property, situate at the northwesterly

corner of Twenty-second and Wisconsin streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from receipt of written notice from the Board of Public Works, and completed within two hundred and ten (210) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$8,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **twelve o'clock, noon, Monday, December 8, 1913, said bids then and there to be publicly opened and read in the presence of the bidders, materials and labor, and doing the work required for the construction and erection of a Gymnasium Building at the State Normal School, San Jose, California,** in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond or a certified check in the sum of ten per cent (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the return of the returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Gymnasium Building, State Normal School, San Jose, California."

[Signed] W. F. McClure, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING—Office of Constructing Quartermaster, Fort Mason, Cal.—Sealed proposals, in triplicate, for constructing two connected storerooms at the army supply depot, Fort Mason, Cal., will be received here until 11 a. m., November 21, 1913, and then opened. Plans, specifications, blanks and necessary information may be obtained here. Deposit of \$25 required to insure return of plans, etc. Proposals to be included in sealed envelopes and addressed to Lieutenant Colonel GEO. MARK. WILLIAMSON, quartermaster corps.

BUILDERS' BONDS.

Nov. 12, 1913.—N SUTTER 109 W. Powell \$75x137½. Owner, M. D. Grosh, E. G. Larzelere and Louise M. Sage; contractors, L. A. Morris Co. Sureties, Royal Indemnity Co. Bond \$7500; Same with James L. Brown, Inc., contractor. Sureties, Aetna Accident & Liability Co. Bond, \$11,000; Same with William Wade, contractor. Sureties, Morris and Jacob Sulstaf. Bond, \$8000.....

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, A. H. Peterson, Mills Bldg., S. F. Owner, Charles Anderson, 762 Cole street, S. F. This dwelling will be erected on the east side of 25th avenue north of Judah and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. A brick veneer base is also to be used. Plans are complete and the owner will do the work by Day Labor.

RESIDENCES—6 2-story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, Jonathan Anderson, 123 16th avenue, S. F. These houses will be erected on the east side of 29th avenue near Anza street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the living and dining rooms. There will be large open fire places in the living rooms with mantels of brick or tile. Tile wainscot will be used in the baths and kitchens. Exteriors will be covered with cement plaster on metal lath, rustic and shiplap. Plans are in the hands of the owner and he will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, S. B. Misrack, 8 Regent street, S. F. The house has been designed for a six room dwelling and will be erected on the north side of Regent street near Winnipeg. Interior will be finished in pine and redwood with hardwood floors in the two principal rooms. There will be a large open fire place with brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. He is now purchasing all materials.

RESIDENCES—2 2-story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. These houses have been designed to contain seven rooms and bath and will be erected on the east side of 23rd avenue north of California. Interiors will be finished in pine with some hardwood veneer. Oak floors will be used in the principal rooms. The living rooms will have large open fire places and tile or brick mantels. Automatic water heaters will be installed. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

BUNGALOW—1 story and base, frame, \$2,000. San Francisco. Architect,

J. M. Geary, 23rd and Folsom streets, S. F. Owners, Parkside Home Building Co. The house has been designed for a five room dwelling with bath. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be a large open fire place and brick mantel in the living room. The dwelling is to be erected on 23rd avenue south of Taraval. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architects, Dunn and Kearns, Monadnock Bldg., S. F. Owner, N. Byrne. The building will be erected on the west line of Webster street south of Pacific and will cover an area of $46\frac{1}{2}$ by 100 $\frac{1}{2}$ feet. Interior has been arranged for twelve large suites which will be designed for a high class of tenants and which will be finished in the most modern style. Plans provide for steam heat, elevator service, dumb waiters, vacuum cleaning and a hot water supply. All suites will have private baths and wall beds. Bath rooms will be finished in tile with composition floors. Entrance will have marble wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, E. Rossi, 1795 Filbert street, S. F. The building will be erected on Lombard street near Franklin and will cover a ground area of $27\frac{1}{2}$ by 77 $\frac{1}{2}$ feet. Interior has been arranged for six suites of two and three rooms with wall beds and private baths. Interior finish will be of pine throughout. A hot water supply will be installed. Exterior of the building will be covered with cement plaster on metal lath and a pressed brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—6 story and base, brick and steel, \$100,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner's name not given. Contracts for the steel work and various other parts of the work on the building at the northeast corner of Post and Leavenworth streets have been let. The architects are now taking subfigures for other parts of the work. Full particulars can be had at their offices.

APARTMENT HOUSE—3 story and base, frame, \$8,000. San Francisco. Architect, none. Owner, Paul N. Nippert, Insurance Exchange Bldg., S. F. The building will be erected on the west side of Divisadero street south of Balght covering an area of 24 by 86 feet. There will be six apartments arranged in four room suites with private baths and wall beds. Interior will be finished in pine throughout. There will

be a hot water supply and vacuum cleaning system. Bath rooms will be finished in tile. Entrance will have tile wainscot and marble steps. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

CITY HALL WORK—Class A construction, \$4,500,000. San Francisco. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Architects Bakewell & Brown state that plans and specifications for the plumbing, electric work and heating and ventilating on the City Hall will be completed within a week or ten days. Aside from the large contracts already awarded these are among the largest of the contracts to be let. Bids will be called for by the Board of Public Works as soon as the plans and specifications receive final approval. Contracts for marble and tile work and elevators will follow in the course of the next month or six weeks.

FIRE HOUSE—2 story and base, brick and concrete. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and have received official approval for the construction of Engine House No. 48. The building will be erected at the northwest corner of 22nd and Wisconsin streets. First floor has been designed to accommodate the equipment, stables and lounging room. Upper floors will contain captain's office, reading room, showers and sleeping quarters for the men. Interior will be finished in pine with some hardwood. There will be a steam heating system and special electrical equipment. Exterior of the building will be faced with pressed brick. Plans are now out for figures and bids will be opened by the Board of Public Works on November 26th.

FLAT ALTERATIONS—2 story and base, frame, \$5,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner's name withheld. This work will consist of the alteration of the present two story frame dwelling at the corner of Larkin and Greenwich streets in a modern flat building containing four flats of four and five rooms. There will be new plastering, interior finish, plumbing, electric work, and tile and painting. Exterior of the building will also be altered. Plans are complete and figures will be called for at once.

HOTEL—3 story and base, frame, \$22,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny St., S. F. Owner's name withheld. The building will be erected at the southeast corner of Lombard and Steiner streets covering an area of 50 by 95 feet. There will be five stores on the first floor besides the hotel lobby and entrance. Upper floors have been arranged to contain in the neighborhood of 50 guest rooms and several private and public baths. Interior will be finished in pine and redwood. There will be steam heat, a hot water system and other modern conveniences. Bath rooms will have composition floors and

tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

HOTEL—5 story and base, brick and steel, \$50,000. San Francisco. Architect, Edward T. Poulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. This building has been mentioned here before when preliminary plans were started. The structure will be erected on the west line of Taylor street north of Sutter and has been designed for a store and hotel lobby and entrance on the first floor and about 65 rooms on the upper floors. Interior will be finished in pine and hardwoods with some ornamental plaster in the office and lobby. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are nearly ready for figures.

HOTEL—3 story and base, frame, \$25,000. San Francisco. Architect, Charles J. Rousseau, 45 Kearny st., S. F. Owner's name withheld. This building, similar in design to another hotel structure, plans for which are being prepared by the same architect, will be erected at the southwest corner of Lombard and Scott streets. The building will have frontages of 50 by 100 feet and will be arranged for five stores on the first floor and 65 guest rooms and a number of public and private baths on the upper floors. Interior finish will be of pine and redwood. Plans provide for steam heat, running hot and cold water and a vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Ornamental plaster will be used in the lobby. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

STEEL STORAGE TANKS—40 concrete and steel tanks, \$50,000 each. Engineer, V. N. Dalton, Foxcroft Bldg., S. F. Owners, American Gasoline Co., Kohl Bldg., S. F. Structural Engineer V. N. Dalton has prepared plans for 40 steel and concrete gasoline storage tanks, which will be erected at various places on the coast, mostly in California by the American Gasoline Co., Kohl Bldg. Each tank will be 150 feet in diameter and 50 feet high. The tanks will have steel covers. Each tank has a capacity of 55,000 barrels. Contracts will be let by the owners. An estimate of \$50,000 each is placed on the work.

STORES AND LOFT—2 story and base, brick, \$10,000. San Francisco. Architect, William Knowles, Hearst Bldg., S. F. Owner, Mrs. Carrie Rea. The building will be erected on the north side of Mission street east of 7th and when complete will be occupied by an art glass firm. Interior finish will be of pine throughout. The building will have a frontage of 25 feet and a depth of 79 feet. There will be patent store fronts, modern plumbing and electric work and some special machinery. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND LOFT—2 story and base, brick, \$27,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. This building will be erected in the wholesale district and has been designed for two commission stores on the first floor and lofts above. Foundations and walls will be heavy enough to carry additional stories in the future. There will be metal window sash and frames, pine interior finish and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

CITY HALL WORK—Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F., plain reinforced concrete and fireproofing for City Hall. Contract price, Proposition A, \$156,375; Proposition B, \$32,875; total, \$189,250.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architects, Smith and Stewart, 244 Kearny street, S. F. Owner, Sidney Pringle, Contractor, Louis J. Diebel, 1554 Leavenworth st., S. F. Contract price, \$5,000.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
4087	Johnson	Pearson	400
4088	Morch	Morch	1800
4089	Barbero	Passow	500
4090	Arthur	Arthur	3000
4091	Kirby	Kirby	200
4092	Young	Zimmerman	1000
4093	Kerr	Kerr	500
4094	Meyer	Meyer	1600
4095	Pearson	Pearson	2900
4096	Huggard	Huggard	1800
4097	Briascio	Briascio	1000
4098	Rossi	Rossi	7500
4099	Laninger	Conlan	4030
4100	Kolbblatt	Daniel	875
4101	Reigle	Coburn	6750
4102	Dahl	Carlson	2405
4103	Johnson	Marquissen	13054
4104	Purcell	Scanlan	1800
4105	Reichel	Hickman	875
4106	Bergez	Ratto	14950
4107	McCarthy	Baugh	1500
4108	Grau	Camp	1590
4109	Browning	Browning	3500
4110	Shaffer	Hamill	2000
4111	Simon	Simon	2325
4112	Wessling	Fowler	1000
4113	Poheim	Poheim	2000
4114	Pearson	Ral	400
4115	Rabjohn	Morcom	1250
4116	Mills	Mills	5000
4117	Orsi	Orsi	750
4118	Cuneo	Gen Bldg	2000
4119	Mertens	Mertens	2000
4120	Dowd	Murray	5447
4121	Braun	Brutcher	3584
4122	Yates	Yates	2500
4123	Sullivan	Cuthbertson	3580
4124	Debiandais	De Luca	4440
4125	Balzer	Burns	565
4126	Meyers	Leigh	2400
4127	Dahken	Dahken	5000
4128	O'Brien	Giligan	2400
4129	Corbin	Parry	7100
4130	Shore	Braden	650
4131	Smith	Pearson	400
4132	Schmaelzyer	Owner	400
4133	Lewis	Fewies	1500
4134	Russell	Russell	750
4135	Fringie	Delbel	900
4136	Schmidt	Schmidt	1000
4137	Becke	Contague	2500
4138	Cornelius	Cornelius	1500
4139	Misrack	Misrack	2500
4140	Johnson	Wilkie	400
4141	Hanley	Otten	4000
4142	Carroll	Bonaccorso	1600
4143	Burbank	Allen	1250
4144	Varnassa	Levis	4000
4145	Anglo-Cal	Am M & M	25000
4146	Rourke	Fewies	1500
4147	Schaffer	Schaffer	2400
4148	Buddhist	Frassier	10000
4149	Anderson	Anderson	2000

4150	Same	Same	2000
4151	Same	Same	500
4152	Same	Same	2000
4153	Same	Same	2000
4154	Same	Same	2000
4155	Grosh	Gas & Elec Appl	2537
4156	Sweeney	Sweeney	2000
4157	Ghislali	Montani	1000
4158	Downey	Downey	1800
4159	Pope	Talbot	500
4160	Watson	Watson	2500
4161	Fisher	Fisher	1000
4162	Woodhill	Woodhill	1500
4163	Morehouse	Morehouse	400
4164	Owl Drug	Brumfield	500
4165	Gloster	Gloster	450
4166	Marion	Johnson	400
4167	Terry	Terry	2850
4168	Cleese	Cleese	2450
4169	Teza	Teza	1000
4170	Valencia	Novely	500
4171	Gump	Hardwood Int	1800
4172	Howard	Williams	14800
4173	Same	O'Mara	379
4174	Same	S F Elec	295
4175	Judson	Smith	400
4176	Stead	Little	1425
4177	Fr-Am Bk	McGillvray	5600
4178	Parkside Bldg	Owner	2000
4179	Heinz	Novely	1500
4180	Dras	Lundy	400
4181	Werner	Noise	400
4182	Smith	Smith	17000
4183	Adams	Janssen	4500
4184	Penzlner	Johnson	9004
4185	Morlarty	Nelson	2000
4186	Hall	Hall	2900
4187	Same	Same	2900
4188	Mills	Glauding	5000
4189	Same	Hooper	6600
4190	Same	Grassi	150
4191	Same	Ludger	9000
4192	Same	Farrell	10000
4193	Same	Floodberg	7000
4194	Same	Jackson	750
4195	Same	Grassi	150
4196	Same	Peterson	6275
4197	Same	Clinton	13275
4198	Same	Keefe	3350
4199	Same	Palace Hdq	2059
4200	Same	U S Metal	2375
4201	Same	Mangrum	3400
4202	Same	Otis Elev	57
4203	Same	Day	245
4204	Same	Fuller	2700
4205	Same	Colusa Sandstone	7680
4206	Same	McLaughlin	21000
4207	Same	Turner	2795

(Correction in Work)

(4080) SW GROVE AND LARKIN W 412-6x8 275. Plumbing for Exposition Auditorium Building.

Owner.....Panama-Pacific International Exposition Co., Ser-Bldg., San Francisco.

Architect.....John G. Howard, F. H. Meyer and John Reid Jr., 604 Mission, San Francisco

Contractor.....Frederick W. Snook Co., 596 Clay, San Francisco

Filed Nov. 7, '13. Dated Nov. 4, '13. As work progresses..... 75% Usual 35 day..... 25%

TOTAL COST, \$20,377
Bond, \$12,000. Surety, Aetna Accident & Liability Co. Limit, Sept. 30, 1914. Forfeit, \$35. Plans and specifications filed.

NOTE—In addenda the heating, ventilating system and electric wiring has been eliminated.

(4087) NO. 516 BERLIN. Raise cottage, concrete foundation and minor repairs to dwelling.

Owner.....C. L. Johnson, Premises, Architect.....None.

Contractor.....E. K. Pearson, 2562 Bryant, San Francisco.

COST, \$400

(4088) E COLLINGWOOD 190 S 20th. Two-story and basement frame dwelling.

Owner.....Leo, Morch, 331 Collingwood, San Francisco.

Architect.....None. **COST, \$1800**
Day's work.....

(4089) NO. 1343 STOCKTON. Alter front.

Owner.....G. Barbero, Premises.
 Architect...W. Wethered, 182 2nd,
 San Francisco.
 Contractor...Passow & Sons, 560 Eddy,
 San Francisco.

COST, \$500

(4090) W EIGHTH AVE 100 S Irving.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....L. Arthur, 1230 1st Ave.,
 San Francisco.

Architect...None.
 Contractor...L. Arthur & Son, 1230 1st
 Ave., San Francisco.

COST, \$3000

(4091) E SIXTEENTH AVE 75 S Anza.
 Two-story and basement frame resi-
 dence.

Owner.....Jos. C. Kirby, 3947 18th,
 San Francisco.

Architect...None.
 Day's work.....

COST, \$3000

(4092) LOT 1 BLK 22 Forest Hill Tct.
 Concrete foundation only.

Owner.....E. C. Young, 207 2nd, S. F.
 Architect...Maybeck & White, 35
 Montgomery, S. F.

Contractor...L. M. Zimmerman, 180
 Jessie, San Francisco.

COST, \$1000

(4093) NO. 2160 VALLEJO. Repair
 dwelling.

Owner.....Wm. Matt Kerr, SE Sutter
 and Stockton, S. F.

Architect...John R. Hamilton, Kohl
 Bdg., San Francisco.

Day's work.....

COST, \$500

(4094) E CURTIS 75 N Morse. One-
 story and basement frame dwelling.

Owner.....Mrs. Gusste Meyer, 53
 Walter, San Francisco.

Architect...None.
 Contractor...Henry Meyer, 53 Walter,
 San Francisco.

COST, \$1600

(4095) W FIFTEENTH AVE 200 S
 Anza. Two-story and basement frame
 residence.

Owner.....G. Peterson, 351 12th Ave.,
 San Francisco.

Architect...None.
 Day's work.....

COST, \$2900

(4096) SW MUNICH 174 NE Rolph.
 One-story and basement frame dwlg.

Owner.....Carl Huggard, 192 4th,
 San Francisco.

Architect...None.
 Day's work.....

COST, \$1800

(4097) NO. 2930-32 OCTAVIA. Add to
 factory.

Owner.....A. Briasco & Co., Premises.
 Architect...None.

Day's work.....

COST, \$'000

(4098) S LOMBARD 55 E Franklin.
 Three-story and basement frame (6)
 flats.

Owner.....F. Rossi, 1795 Filbert,
 San Francisco.

Architect...None.
 Day's work.....

COST, \$7500

(4099) N LAKE 82-6 W 20th Ave W
 25xN 100. All work except heating,
 plumbing, painting, electric work,
 gas fitting, shades, hardwood floors,
 art glass, coal grates for two-story
 frame dwelling.

Owner.....G. P. Laninger, 632 Cole,
 San Francisco.

Architect...Arthur T. Ehrenpfort, 251
 Kearny, San Francisco.

Contractor...Jas. P. Conlan, 842 Guer-
 rero, San Francisco.

Filed Nov. 10, '13. Dated Nov. 5, '13.
 Frame up and roof boards on...\$ 500

Brown coated and roof on..... 1000

Completed and accepted..... 1500

36 days after..... 1030

TOTAL COST, \$4030

Bond, \$2015. Sureties, Edw. J. Conlan

and Jas. G. Lennon. Limit, 80 days.

Forfeit, \$3 Plans and specifications

filed.

(4100) N HOWARD 36 E Russ 25x100.
 All work for three-story frame apart-
 ments and store.

Owner.....Ida Goldblatt, 937 Mc-
 Allister, San Francisco.

Architect...M. L. Schwartz, 1201
 Nevada Bank Bldg., S. F.

Contractor...W. H. Daniel, 1442 Dolores,
 San Francisco

Filed Nov. 10, '13. Dated Nov. 8, '13.
 Roof on and building enclosed..\$2200

Brown coated 2200

Completed and accepted..... 2200

Usual 35 days..... 2275

TOTAL COST, \$8875

Bond, none. Limit, 90 days after Nov.

10. Forfeit, none. Plans and specifi-
 cations filed.

(4101) SE MARKET 156 NE 14th NE
 50 SE 100 NE 8-5½ S 63 m or 1 W
 44-7½ N 25-4½ NW 100. All work
 for two-story frame building.

Owner.....Mary Reigle.
 Architect...W. H. Crim Jr., 425 Kear-
 ny, San Francisco.

Contractor...Ira W. Coburn, Hearst
 Bldg., San Francisco.

Filed Nov. 10, '13. Dated Nov. 6, '13.
 Roof on\$1687.50

Rough coated 1687.50

Completed and accepted..... 1687.50

Usual 35 days..... 1687.50

TOTAL COST, \$6750.00

Bond, \$3400. Sureties, G. F. Bernard

and S. P. S. Brown. Limit, 75 days.

Forfeit, \$15. Plans and specifications

filed.

(4102) S VIRGINIA AVE 70 E Pros-
 pect Ave E 23-4xS 75. All work for
 one and one-half-story and base-
 ment frame residence.

Owner.....Andrew Dahl, 365 Win-
 field Ave., San Francisco.

Architect...None.
 Contractor...Gus Carlson.

Filed Nov. 10, '13. Dated Nov. 8, '13.
 Frame up and roof sheathing on..\$550

Brown mortar on 800

Completed and accepted..... 755

TOTAL COST, \$2445

Bond, none. Limit, 90 days after Dec.

1, 1913. Forfeit, none. Plans and

specifications filed.

(4103) S GREEN 137-6 E Jones E 40x
 S 137-6. Mason, carpenter, plaster,
 plumbing, tinning, painting, sewer,
 roof and tiling for two-story frame
 residence.

Owner.....Hiram W. Johnson, Jr.,
 Mills Bldg., S. F.

Architect...Geo. E. McCrea
 Contractor...Marcus Marcussen, 19 De-
 visadero, San Francisco.

Filed Nov. 10, '13. Dated Nov. 7, '13.
 Frame up\$3262 50

Brown coated 3262 50

Completed and accepted.... 3262 50

Usual 35 days..... 3262 50

TOTAL COST, \$13,050 00

Bond, none. Limit, 110 days. Forfeit,
 none. Plans and specifications filed.

(4104) NE BEALE AND BRYANT N 65
 xE 20. All work for one-story frame
 building.

Owner.....P. J. Madigan and Patrick
 Purcell, 98 Bryant, S. F.

Architect...J. C. Plugger, Crocker Bldg
 San Francisco

Contractor...J. Scanlan, 2466 Geary,
 San Francisco.

Filed Nov. 10, '13. Dated Nov. 7, '13.
 Frame up\$450

Brown coated 450

Completed and accepted..... 450

Usual 35 days..... 450

TOTAL COST, \$1800

Bond, \$900. Sureties, Harry Beach and

Jas. Riordan. Limit, 60 days. Forfeit,

\$5. Plans and specifications filed.

(4105) SW IRVING AND SEVENTH
 Ave. W 137-6 S 100 E 25 N 50 E 112-6
 N 50. All work for one-story and
 cellar frame building and moving
 old building to lot facing Irving St.
 (stores).

Owner.....Jos. Reichel, 1200 9th Ave.,
 San Francisco.

Architect...L. M. Weismann & Son,
 Pacific Bldg., S. F.

Contractor...Heckenroth & Schell, 110
 Jessie, San Francisco.

Filed Nov. 10, '13. Dated Nov. 8, '13.
 Frame of new building up.....\$3557 75

Old building underpinned..... 3557 75

Both buildings brown coated 1980 75

Completed and accepted..... 2980 75

Usual 35 days..... 2980 75

TOTAL COST, \$11,500 00

Bond, none. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

(4106) NE EIGHTH AVE & BALBOA
 32-6x100. All work for three-story
 and basement frame apartments.

Owner.....A. Bergez.
 Architect...J. C. Hladik, Monadnock
 Bldg., San Francisco.

Contractor...Ratto & Vadala.
 Filed Nov. 10, '13. Dated Nov. 8, '13.

Roof on and house enclosed..\$3522.50

Brown coated 3522.50

Completed and accepted..... 3522.50

Usual 35 days..... 3522.50

TOTAL COST, \$14,090

Bond, \$7045. Surety, Southwestern

Surety Insurance Co. Limit, 90 days.

Forfeit, none. Plans and specifications

filed.

(4107) NE ASHTON 125 S Holloway.
 One-story and basement frame dwlg.

Owner.....The McCarthy Co., 1316
 Bush, San Francisco.

Architect...None.
 Contractor...Ralph G. Baugh, 1412 Mc-
 Allister, San Francisco.

COST, \$1500

(4108) S BRAZIL 340 W Madrid.
 Steel and reinforced concrete struc-
 ture.

Owner.....Gottlieb Grau, Premises.
 Architect...None.

Contractor...Camp & Carillon, 180 Jes-
 sie, San Francisco.

COST, \$1590

(4109) E ATHENS 300 S Russia. One-
 story and basement frame dwelling.

Owner.....Geo. H. Browning, 618
 Moscow, San Francisco.

Architect...None.
 Day's work.....

COST, \$1100

(4110) N FAIRMONT 163-3 W Chenery
Two-story and basement frame dwlg.
Owner.....Mrs. Shaffer, — Dame, S. F.
Architect...None.
Contractor...Thos. Hamill, 268 25th Ave.
San Francisco.

COST, \$2500

(4111) LOT 4, BLK 5 Crocker Amazon
Tract. One and one-half-story and
basement frame dwelling.
Owner.....A. Simon, 132 Clipper, S. F.
Architect...Oliver Evans, 4221 21st,
San Francisco.

Day's work. COST, \$2395

(4112) NO. 1054 HAMPSHIRE. Raise
cottage and add four rooms and bath.
Owner.....Margaret Wessling, Prem.
Architect...None.
Contractor...P. W. Fowler, 314 Hickory
Ave., San Francisco.

COST, \$1000

(4113) SE TAYLOR & EDDY. Erect
gallery and minor repairs.
Owner.....Dr. Pohelm, 806 Market,
San Francisco.
Architect...None.
Day's work. COST, \$2000

(4114) NO. 2698 FILBERT. Install
windows and add two rooms.
Owner.....E. G. Pearson, Premises.
Architect...None.
Contractor...Wm. R. Ral, 25 Bismark,
San Francisco.

COST, \$400

(4115) NO. 240 POST. Add mezzanine
floor and repair store.
Owner.....Rahjahn & Morcom, Prem.
Architect...Bernard J. Joseph, 602 1st
National Bank Bldg., S. F.
Day's work. COST, \$1250

(4116) NE BUSH AND MONTGOMERY
Construct retaining wall.
Owner.....Mills Building (J. F. Can-
non, Agent), Premises.
Architect...David Elms Graham, 693
Mission, San Francisco.
Day's work. COST, \$5000

(4117) N WASHINGTON 112 W Colum-
bus. Underpin hotel.
Owner.....G. Orsi, Hotel Bank Bldg.,
San Francisco.
Architect...None.
Day's work. COST, \$750

(4118) E SANSOME 90 S Pacific. Add
one story.
Owner.....G. Cuneo, Columbus Svgs.
Bank Bldg., S. F.
Architect...Louis Mastropasqua, 580
Washington, S. F.
Contractor...General Bldg. Work Co.,
Premises.

COST, \$2000

(4119) SW DEVISADERO & GROVE.
One-story frame nickelodeon.
Owner.....M. J. Mertens, Monadnock
Bldg., San Francisco.
Architect...C. O. Clansen, Phelan Bldg
San Francisco.

Day's work. COST, \$8000

(4120) NW FIFTH AVE & CLEMENT
S 25xW 120. All work for two-story
frame flats.
Owner.....John Dowd, 253 5th Ave.,
San Francisco.
Architect...Plans by Contractor.
Contractor...T. Roy Murray, 116 10th
Ave., San Francisco.

Filed Nov. 11, '13. Dated Nov. 10, '13.

2nd floor joists set.....\$1000 00
Frame up and enclosed..... 1000 00
Brown coated 1250 00
Completed and accepted..... 335 31
Usual 35 days..... 1261 77
TOTAL COST, \$3447 08
Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(4121) W GUERRERO 39 N Cumber-
land 23x70. All work except plumb-
ing, electrical work, door opener,
finish hardware and inside stairs for
two-story frame flats.
Owner.....J. and Fred Braun.
Architect...Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.
Contractor...Brutcher & Serna, 110 Jes-
sie, San Francisco.

Filed Nov. 11, '13. Dated Nov. 10, '13.
Outside enclosed and roof com-
pleted\$1600
Brown coated 844
Completed and accepted..... 844
Usual 35 days..... 896
TOTAL COST, \$3584

Bond, \$1792. Sureties, P. P. Quinn and
Chas. J. U. Koenig. Limit, 80 days
Forfeit, none. Plans and specifications
filed

(4122) W TWENTIETH AVE 175 S
Anza 25x120. All work for frame
residence.
Owner.....Jeanette Yates, 335 21st
Ave., San Francisco.
Architect...Martin A. Schmidlin, 3115
Jackson, San Francisco.
Contractor...Wm. F. Yates, 335 21st
Ave., San Francisco.

Filed Nov. 11, '13. Dated Oct. 3, '13.
Frame up\$625
Brown coated 625
Completed 625
Usual 35 days..... 625
TOTAL COST, \$2500

Bond, none. Limit, 90 days after Nov.
'1. Forfeit, none. Plans and specifica-
tions, none.

(4123) E TWENTIETH AVE 32-6 S "J"
25x120. All work except grading for
two-story frame residence.
Owner.....Mary J. Sullivan.
Architect...John F. Haner, 3579 19th,
San Francisco.

Contractor...J. T. Johnston, J. E. Bra-
nagh and T. A. Cuthbertson
Filed Nov. 11, '13. Dated Nov. 11, '13.
Frame up and roof boards on.....\$950
Brown coated and rough plumb-
ing in 950
Completed and accepted..... 950
Usual 35 days..... 950
TOTAL COST, \$3800

Bond, \$1900. Sureties, J. H. McCallum
and B. J. Gallagher. Limit, 70 days.
Forfeit, \$5. Plans and specifications
filed.

(4124) S PACIFIC 22-6 E Powell E 23
xs 67-6. All work for two-story and
basement reinforced concrete build-
ing.
Owner.....Aristide Delabriandais.
Architect...Fabre & Bearwald, Mer-
chants' Nt'l. Bk Bldg., S. F.
Contractor...R. De Luca, 2230 Jones,
San Francisco.

Filed Nov. 12, '13. Dated Oct. 30, '13.
1st floor joists in place.....\$1000
Roof sheathed 1200
Completed and accepted..... 1240
Usual 35 days..... 1200
TOTAL COST, \$1460

Bond, \$2320. Surety, United States Fi-

delity & Guaranty Co. Limit, 70 days.
Forfeit, \$5. Plans and specifications
filed.

(4125) NE THOMAS AVE (20th Ave
South) 275 SE Lane (L) SE 25xNE
100. All work except painting of ex-
terior, further cement work, plumb-
ing, lathing, plastering, interior doors
and finish for one-story and basement
frame cottage.

Owner.....W. W. Balzer, 1522 Thomas
Ave., San Francisco.

Architect...None.
Contractor...J. M. Burns, 101 Thornton,
San Francisco.

Filed Nov. 12, '13. Dated Nov. 12, '13.
Frame up\$210
Completed and accepted..... 210
Usual 35 days..... 145
TOTAL COST, \$565

Bond, none. Limit, none. Forfeit, \$2.
Plans and specifications filed.

(4126) W NINETEENTH AVE 75 S
Anza S 25xW 52-6. All work for 5-
room cottage.
Owner.....Nevada W. Meyer, 1960
Page, San Francisco.

Architect...None.
Contractor...Leigh & Schultz, 330 8th
Ave., San Francisco.

Filed Nov. 12, '13. Dated Nov. 5, '13.
Frame up and plumbing roughed
in\$600
Brown coated 600
Completed and accepted..... 600
Usual 35 days..... 600
TOTAL COST, \$2400

Bond, \$1200. Surety, Fidelity & De-
posit Co. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

(4127) E MISSION, bet 23rd and 24th.
Alterations and additions to theatre.
Owner.....Turner & Dahnen Circuit
942 Market, San Francisco.
Architect...A. W. Cornelius, 625 Mar-
ket, San Francisco.

Day's work. COST, \$5000

(4128) S LAWTON 45 W Eleventh Ave
One and one-half-story and basement
frame residence.
Owner.....Mrs. Lucy D. O'Brien, 1601
11th Ave., San Francisco.

Architect...None.
Contractor...Wm. C. Gilligan, 1655 12th
Ave., San Francisco.

COST, \$2400

(4129) E MADRID 200 S Russia. One
story and basement frame dwelling.
Owner.....W. Corbin, 222 Raymond
Ave., San Francisco.

Architect...None.
Contractor...T. H. Parry, 222 Raymond
Ave., San Francisco.

COST, \$1400

(4130) W TWENTY-FIRST AVE 65 N
Geary. Add one-story to bakery.
Owner.....Mrs. E. C. Shore, 5718
Geary, San Francisco.

Architect...None.
Contractor...Branden & Shore, 5718
Geary, San Francisco.

COST, \$650

(4131) NO. 314 SIXTH. Raise, under-
pin and minor repairs to dwelling.
Owner.....S. H. Smith, Premises.
Architect...None.
Contractor...E. K. Pearson, 2362 Bry-
ant, San Francisco.

COST, \$400

(4132) S SADOWA 400 W Capitol.
One-story and basement frame dwlg.
Owner.....W. Schmaelzyer.
Architect...None.
Day's work. COST, \$400

(4133) SE EDDY AND TAYLOR.
Electric sign.
Owner.....Marshall Lewis, Premises.
Architect...None.
Contractor..Federal Elec. Sign Co., 257
sth, San Francisco.
COST, \$500

(4134) S THRIFT 100 W Capitol. One
story and basement frame dwelling.
Owner.....Mrs. E. Russell, 260 Sadowa,
San Francisco.
Architect...None.
Day's work. COST, \$750

(4135) NO. 415 SPRUCE. Alter two
flats into four flats and new plumbing.
Owner.....S. Fringle, Williams Bldg.,
San Francisco.
Architect...Smith & Stewart, 244
Kearny, San Francisco.
Contractor..Louis J. Deibel, 1544
Leavenworth, S. F.
COST, \$900

(4136) W ELLSWORTH 100 N Pow-
hattan. One-story and basement
frame dwelling.
Owner.....John C. Schmidt, 16 Ells-
worth, San Francisco.
Architect...None.
Day's work. COST, \$1000

(4137) NW FILLMORE AND GOLDEN
Gate Ave. Lay tile floor.
Owner.....Becke Pharmacy.
Architect...None.
Contractor..W. W. Montague & Co., 557
Market, San Francisco.
COST, \$400

(4138) W LIEBIG 100 S San Jose Ave.
One and one-half-story and basement
frame dwelling.
Owner.....A. Cornelius, 315 Lowell,
San Francisco.
Architect...None.
Day's work. COST, \$1500

(4139) N REGENT 25 W Winipeg.
Two-story frame dwelling.
Owner.....S. B. Misrack, 8 Regent,
San Francisco.
Architect...None.
Day's work. COST, \$2500

(4140) NOS. 153-155 OCTAVIA. New
tar and gravel roof.
Owner.....Mrs. C. H. Johnson, Care
Andrew Wilkie Co., S. F.
Architect...None.
Contractor..Andrew Wilkie Co., Clunle
Bldg., San Francisco.
COST, \$400

(4141) W SEVENTH AVE 175 S Geary
Two-story and basement frame (2)
flats.
Owner.....W. H. Hanley, 419 7th Ave
San Francisco.
Architect...None.
Contractor..H. P. Otten, 131 10th Ave.,
San Francisco.
COST, \$4000

(4142) E ANDERSON 250 S Eugenia.
One-story and basement frame
dwelling.
Owner.....G. and Felici Carrollo.
Architect...None.

Contractor..F. Bonaccorso & A. Draga,
73A Cheney, S. F.
COST, \$1600

(4143) SW BEALE AND MARKET.
General repairs for offices.
Owner.....Luther Burbank Co.
Lessee, 301-9 Exposition
Bldg., San Francisco.
Architect...None.
Contractor..F. E. Allen, 468 34th St.,
Oakland.
COST, \$1250

(4144) N GREENWICH 44-2 E Web-
ster. One-story frame bakery.
Owner.....B. Varnassa & J. Lewis,
3000 Webster, S. F.
Architect...J. Devencenzi, 1609 Union,
San Francisco.
Day's work. COST, \$4000

(4145) NE SUTTER AND SANSOME.
General alterations and repairs to
bank.
Owner.....Anglo California Trust Co.,
Premises.
Architect...Albert Pissis, Flood Bldg.,
San Francisco.

Contractor..M. V. Brady, Monadnock
Bldg., S. F. and American
Marble & Mosaic Co., 25
Columbia Square, S. F.
Sub-Contractor..Geo. Goodman Arti-
ficial Stone Co., 62 Post,
San Francisco.
COST, \$25,000

(4146) W TWENTY-THIRD AVE 30
S Ulloa. One-story and basement
frame dwelling.
Owner.....Lillian Rourke, 1615 Fill-
more, San Francisco.
Architect...None.
Contractor..P. W. Fowles, 314 Hickory
Ave., San Francisco.
COST, \$1500

(4147) W TENTH 162-6 N Harrison.
Two-story frame dwelling and one-
story frame shed.
Owner.....Lorentz & Frieda Schaffer,
336 19th, San Francisco.
Architect...Falch & Knoll, Hearst
Bldg., San Francisco.
Day's work. COST, \$2400

(4148) S PINE 55 E Octavia. Two-
story and basement frame church.
Owner.....Buddhist Church, Inc., Cr.
Architect, San Francisco.
Architect...O'Brien Bros., Inc., 519
California, S. F.
Contractor..Frassler & Frassler, 519
California, San Francisco.
COST, \$10,000

(4149) E TWENTY-NINTH AVE 50 S
Anza. Two-story and basement frame
residence.
Owner.....Jonathan Anderson, 423
16th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(4150) E TWENTY-NINTH AVE 75 S
Anza. Two-story and basement frame
residence.
Owner.....Jonathan Anderson, 423
16th Ave., San Francisco.
Day's work. COST, \$2000
Architect...None.

(4151) E TWENTY-NINTH AVE 100 S
Anza. Two-story and basement frame
residence.

Owner.....Jonathan Anderson, 423
16th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(4152) E TWENTY-NINTH AVE 125 S
Anza. Two-story and basement frame
residence.
Owner.....Jonathan Anderson, 423
16th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(4153) E TWENTY-NINTH AVE 150 S
Anza. Two-story and basement frame
residence.
Owner.....Jonathan Anderson, 423
16th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(4154) E TWENTY-NINTH AVE 25 S
Anza. Two-story and basement frame
residence.
Owner.....Jonathan Anderson, 423
16th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(4155) N SUTTER 100 W Powell 37-6
x137-6. Electrical work for eight-
story hotel building.
Owner.....M. D. Grosh, Louise M. Sage
and E. G. Larzelere, 809
Mills Bldg., San Francisco.
Architect...N. W. Sexton, Chronicle
Bldg., San Francisco.
Contractor..The Gas & Elec. Appliance
Co., 441 Sutter, S. F.
Filed Nov. 12, '13. Dated Oct. 27, '13.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2597

Bond, \$1300. Surety, The Aetna Acci-
dent & Liability Co. Limit, 25 days.
Forfeit, \$25. Plans and specifications
filed.

(4156) E WILLARD 157-6 N Wood-
land Ave N 25-1½ E 94-7½ S — W
92-1%. All work for frame resi-
dence.
Owner.....Mrs. Mary Louisa Sweeney,
2 Fair Oaks, S. F.
Architect...Jos. M. Geary, 2581 Post,
San Francisco.
Contractor..Eugene A. Sweeney, 2 Fair
Oaks, San Francisco.

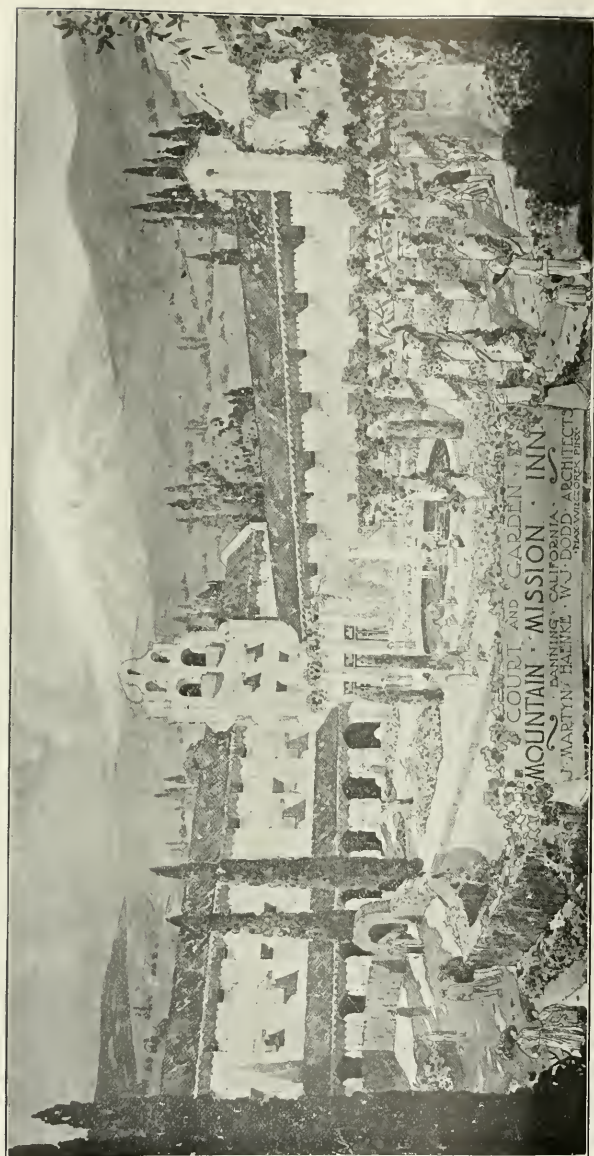
Filed Nov. 13, '13. Dated Oct. 17, '13.
Frame up and roof on..... ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$5000

Bond, none. Limit, 90 days after Oct.
20. Forfeit, none. Specifications only
filed.

(4157) SE UNION AND WEST END
Alley. Add three rooms and bath to
dwelling.
Owner.....A. Ghiselli, 133 Jackson,
San Francisco.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Contractor..Montani & Stefanini, 1753
Greenwich, San Francisco.
COST \$1000

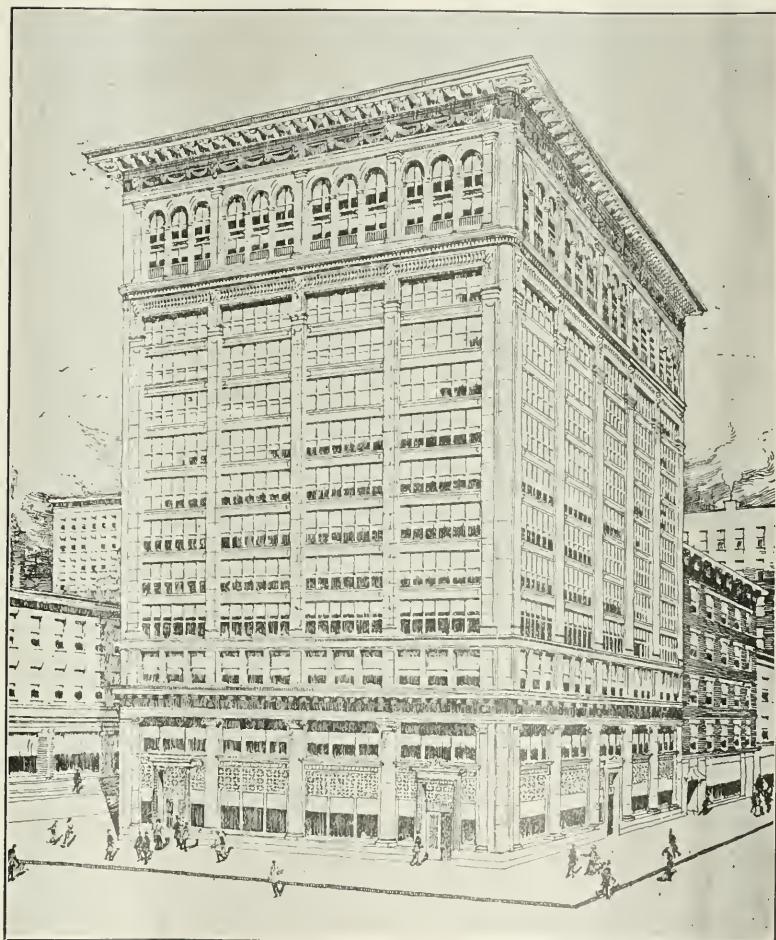
(4158) S MINNA 251 W First. One-
story and basement brick store.
Owner.....A. Downey, Premises.
Architect...None.
Day's work. COST, \$1800

(4159) S KING, bet. 2nd and 3rd.
Erect lumber shed.



MOUNTAIN MISSION INN
 Banning, California

J. Martyn Haenke & W. J. Dodd, Architects
 Los Angeles



MODERN OFFICE BUILDING FOR LOS ANGELES HOME BUILDERS.
Los Angeles, Cal.

J. Martyn Haenke & W. J. Dodd, Architects
Los Angeles

Owner.....Pope & Talbot, Foot of 3rd St., San Francisco.
Architect...None.
Day's work..... COST, \$500

(4160) E TWENTY-FIFTH AVE 135 S Ulloa. One-story and basement frame dwelling.

Owner.....Jas M. Watson, 1122 1/2 Elm Ave., San Francisco.
Architect...Stillwell & Co., Los Angeles.
Day's work..... COST, \$2500

(4161) NO. 1045 MARKET. Alter front and elevator.

Owner.....M. Fisher, 305 California-Pacific Bldg., S. F.
Architect...D. C. Coleman, Merchants' National Bank Bldg., S. F.
Day's work..... COST, \$1000

(4162) S KEY AVE 150 W Rail Road Ave. One-story and basement frame dwelling.

Owner.....H. Woodvill, 3010 Rail Road Ave., San Francisco.
Architect...None.
Day's work..... COST, \$1500

(4163) S CALIFORNIA 68-9 W Broderick. One-story frame garage.

Owner.....Mrs. C. C. Morehouse, 2909 California, San Francisco.
Architect...None.
Day's work..... COST, \$400

(4164) MARKET, GOLDEN GATE & Taylor. Electric sign.

Owner.....Owl Drug Co., Premises.
Architect...None.
Contractor..Brunfield Elec. Sign Co., 15 7th, San Francisco.
COST, \$500

(4165) NE MASON AND O'FARRELL. Electric sign.

Owner.....Hotel Gloster, Premises.
Architect...None.
Day's work..... COST, \$450

(4166) E DOUGLAS 39 N Duncan. One story and basement frame dwelling.

Owner.....Chas. McCarron, 593 Natoma, San Francisco.
Architect...None.
Contractor..J. F. Johnson, 4036 24th, San Francisco.
COST, \$400

(4167) E WILLARD 338 S Parnassus. Two-story and basement frame residence.

Owner.....W. L. and Florence M. Terry, 2948 Octavia, S. F.
Architect...None.
Contractor..Wm. L. Terry, 2948 Octavia San Francisco.
COST, \$2850

(4168) E TWENTY-FOURTH AVE 125 S Anza. Two-story and basement frame dwelling.

Owner.....Geo. F. and Lucy S. Cleese, 524 27th Ave., S. F.
Architect...None.
Contractor..G. F. Cleese, 524 27th Ave San Francisco.
COST, \$2450

(4169) E BEMIS 113 S Roanoke. One-story and basement frame dwelling.

Owner.....Mark Teza, 115 Surrey, San Francisco.
Architect...None.
Day's work..... COST, \$1000

(4170) VALENCIA near 14th. Electric sign.

Owner.....Valencia Theatre, Prem.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$500

(4171) NO. 244 POST. Straight oak floors in building.

Owner.....S. & G. Gump Co., 265 Post, San Francisco.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor..Hardwood Interior Co., 554 Bryant, San Francisco.

Filed Nov. 14, '13. Dated Nov. 1, '13.
3rd floor completed and accepted. \$650
Completed and accepted..... 700
Usual 35 days..... 450
TOTAL COST, \$1800

Bond, none. Limit, Nov. 15. Forfeit, none. Plans and specifications, none.

(4172) S PINE 109 W Van Ness Ave W 45x8 120. Glass, glazing, sheet metal, roof covering, framing, finishing woodwork, hardware, etc., ornamental iron work, lath and plastering and painting, excavating, fireproofing and concrete for one-story Class "C" garage.

Owner.....Charles S. Howard, SW Van Ness & California, S. F.
Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
Contractor..Howard S. Williams, Hearst Bldg., S. F.
Filed Nov. 14, '13. Dated Nov. 13, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,500

Bond, \$7400. Sureties, Macdonald and F. E. Kara. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4173) PLUMBING ON ABOVE.

Contractor..J. E. O'Mara, 449 Minna, San Francisco.
Filed Nov. 14, '13. Dated Nov. 13, '13.
Payments same as above.....

TOTAL COST, \$379
Bond, \$189.50. Sureties, William D. Stewart and H. H. Kennedy. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4174) ELECTRICAL WORK ON above.

Contractor..S. F. Elec. Co., 20 First, San Francisco.
Filed Nov. 14, '13. Dated Nov. 13, '13.
Payments same as above.....

TOTAL COST, \$295
Bond, \$147.50. Sureties, G. M. Wright and G. A. Trayer. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4175) N ELLIS 97-6 W Mason W 40 xN 60. Interior lathing and plastering and exterior cementing for 7-story steel frame hotel building.

Owner.....Charles C. Judson Co., 240 California, S. F.
Architect...W. H. Weeks, 75 Post, San Francisco.
Supt.C. O. Smith.
Contractor..Smith & Johnson, Monadnock Bldg., S. F.
Filed Nov. 14, '13. Dated Nov. 13, '13.
Monthly payments of..... 75%
Usual 35 days..... Balance
TOTAL COST, \$4990

Bond, \$2400. Surety, Aetna Accident & Liability Co. Limit, 30 days after lathed. Forfeit, \$10. Plans and specifications filed.

(4176) NW SCOTT AND JACKSON N 127-8 1/2 xW 137-6. Electric work in Conservatory of Music and Chapel building of the Academy of the Sacred Heart.

Owner.....Academy of the Sacred Heart by D. Powers.
Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor..H. S. Tittle, 245 Minna, San Francisco.

Filed Nov. 14, '13. Dated Sept. 23, '13.
Payments of 75% every 30 days to be paid bet. 1st and 10th of each month 25%
Usual 35 days..... 25%
TOTAL COST, \$1428

Bond, \$714. Sureties, Wm. P. Scott and H. M. Van Pelt. Limit, 120 days. Forfeit, plans and specifications, none.

(4177) W TRINITY 68-9 N Sutter W 61-7 1/2 xN 34-1 1/2. Stone work for alterations and additions to ten-story and basement Class "A" bank building, not including marble work.

Owner.....French-American Bank of Savings, Premises.
Architect...E. A. Bozio, 1125 Laguna, San Francisco.
Contractor..The McGilvray Stone Co., 634 Townsend, S. F.
Filed Nov. 14, '13. Dated Nov. 12, '13.
Payments semi-monthly of.... 75%
36 days after..... 25%
TOTAL COST, \$5600

Bond, \$2800. Sureties, R. Demar and M. J. Savage. Limit, none. Forfeit, none. Plans and specifications filed.

(4178) W TWENTY-THIRD AVE 225 S Taraval. One-story and basement frame residence.

Owner.....Parkside Home Bldg Co., 408 Crocker Bldg., S. F.
Architect...J. M. Geary, 23rd and Folsom, San Francisco.
Day's work..... COST, \$2000

(4179) NO. 60 MARKET. Electric sign.

Owner.....H. J. Helnz Co., Second & Folsom, San Francisco.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$1500

(4180) SW ARMY AND FOLSOM. Add two rooms.

Owner.....J. Drus, 2924 Folsom, San Francisco.
Architect...None.
Contractor..J. H. Lundy.
COST, \$400

(4181) NO. 81 ELLIS. Electric sign.

Owner.....Frank Werner Co., Prem.
Architect...None.
Contractor..Molse-Klinkner Co., 1212 Market, San Francisco.
COST, \$400

(4182) N MISSION 80 W Seventh. Add two stories to present building.

Owner.....Howard Smith, 802 Kohl Bldg., San Francisco.
Architect...C. W. Dickey, Oakland.
Day's work..... COST, \$17,000

(4183) S EIGHTEENTH 100 W Pennsylvania. Two-story and basement frame (4) apartments.

Owner.....C. F. Adams, 200 Pennsylvania, San Francisco.
Architect...H. C. Baumann, 505 Chronicle Bldg., S. F.

Contractor..E. H. Janssen, 929 Hearst
COST, \$4500

(4184) SW ISIS AND TWELFTH.
Three-story frame (9) apartments
apartments and store.
Owner.....A. Penziner, 2981 26th, S. F.
Architect...None.
Contractor..Johnson & Hatland, 1513
Church, San Francisco.
COST, \$9000

(4185) S MAYNARD 50 W Grant Ave.
Two-story and basement frame residence.
Owner.....J. Moriarty.
Architect...None.
Contractor..Emil Nelson, 560 Jersey,
San Francisco.
COST, \$2000

(4186) E TWENTY-THIRD AVE 275 N
California. Two-story and basement
frame residence.
Owner.....C. A. Hall, 1318 5th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$2900

(4187) E TWENTY-THIRD AVE 250
N California. Two-story and base-
ment frame residence.
Owner.....C. A. Hall, 1318 5th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$2900

(4188) N BUSH Adj Mills Building.
Terra cotta addition to Mills Building
Owner.....Ogden Mills.
Architect...Wills Polk & Co., Mer-
chants' Exchange Bldg.,
San Francisco.
Contractor..Gladding McBean & Co.,
Crocker Bldg., S. F.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Progressive payments on 15th of
each month
Usual 35 days.....
TOTAL COST, \$5000
Bond, \$2500. Surety, Equitable Surety
Co. Limit, June 15, 1914. Forfeit, \$10.
Plans and specifications filed.

(4189) GLASS WAINSCOTING ON
above.
Contractor..Hooper Dombink Co., 1813
Telegraph Ave., Oakland.
Filed Nov. 15, '13. Dated Oct. 9, '13.
Payments same as above.....
TOTAL COST, \$6600
Bond, \$3300. Surety, Massachusetts
Bonding & Insurance Co. Limit, June
15, 1914. Forfeit, \$15. Plans and spec-
ifications filed.

(4190) METAL PARTITIONS, FUR-
ring and lathing on above.
Contractor..National Lathing & Fur-
ring Co., Monadnock Bldg.,
San Francisco.
Filed Nov. 15, '13. Dated Oct. 7, '13.
Payments same as above.....
TOTAL COST, \$5225
Bond, \$2612.50. Surety, Pacific Coast
Casualty Co. Limit, June 15, 1914. For-
feit, \$15. Plans and specifications filed.

(4191) BRICK WORK ON ABOVE.
Contractor..Farrell & Reed, M. A.
Gunst Bldg., S. F.
Filed Nov. 15, '13. Dated Oct. 1, '13.
Payments same as above.....
TOTAL COST, \$10,000
Bond, \$5000. Surety, Pacific Coast
Casualty Co. Limit, June 15, 1914. For-
feit, \$20. Plans and specifications filed.

(4192) PLASTERING ON ABOVE.
Contractor..Floodberg & McCaffery,
Monadnock Bldg., S. F.
Filed Nov. 15, '13. Dated Oct. 7, '13.
Payments same as above.....
TOTAL COST, \$7000
Bond, \$3500. Surety, Pacific Coast
Casualty Co. Limit, June 15, 1914. For-
feit, \$20. Plans and specifications filed.

(4193) SIDEWALK LIGHTS ON ABOVE.
Contractor..P. H. Jackson Co., 225 1st,
San Francisco.
Filed Nov. 15, '13. Dated Oct. 10, '13.
Payments same as above.....
TOTAL COST, \$850
Bond, \$425. Surety, U. S. Fidelity &
Guaranty Co. Limit, June 15, 1914.
Forfeit, \$5. Plans and specifications
filed.

(4194) TERRAZZO WORK ON ABOVE
Contractor..P. Grassi, 145 Tehama,
San Francisco.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Payments same as above.....
TOTAL COST, \$1700
Bond, \$850. Surety, Title Guaranty &
Surety Co. Limit, June 15, 1914. For-
feit, \$5. Plans and specifications filed.

(4195) ORNAMENTAL IRON WORK
on above.
Contractor..Rudgear-Merle Co., Bay &
Stockton, S. F.
Filed Nov. 15, '13. Dated
Payments same as above.....
TOTAL COST, \$9000
Bond, \$4500. Sureties, A. E. and R. A.
Sbarboro. Limit, June 15, 1914. For-
feit, \$20. Plans and specifications filed.

(4196) CONCRETE FIREPROOFING
and cement work on above.
Contractor..Clinton Fireproofing Co.,
Mutual Bank Bldg., S. F.
Filed Nov. 15, '13. Dated Oct. 7, '13.
Payments same as above.....
TOTAL COST, \$13,375
Bond, \$6687.50. Surety, Globe Indem-
nity Co. Limit, June 15, 1914. Forfeit,
\$25. Plans and specifications filed.

(4197) PAINTING ON ABOVE.
Contractor..J. H. Keefe Co., 820 O'Far-
rell, San Francisco.
Filed Nov. 15, '13. Dated Nov. 13, '13.
Payments same as above.....
TOTAL COST, \$3350
Bond, \$1675. Surety, Fidelity & De-
posit Co. of Maryland. Limit, June 15,
1914. Forfeit, none. Plans and spec-
ifications filed.

(4198) HARDWARE ON ABOVE.
Contractor..Palace Hardware Co., 581
Market, San Francisco.
Filed Nov. 15, '13. Dated Oct. 9, '13.
Payments same as above.....
TOTAL COST, \$2050
Bond, \$1025. Surety, Maryland Casualty
Co. Limit, June 15, 1914. Forfeit, \$10.
Plans and specifications filed.

(4199) PLUMBING ON ABOVE.
Contractor..Petersen-James Co., 710
Larkin, San Francisco.
Filed Nov. 15, '13. Dated Oct. 9, '13.
Payments same as above.....
TOTAL COST, \$6275
Bond, \$3137.50. Surety, Pacific Coast
Casualty Co. Limit, June 15, 1914. For-
feit, \$15. Plans and specifications filed.

(4200) ROOFING AND SHEET METAL
work on above.

Contractor..United States Metal Pro-
ducts Co., 525 Market, S. F.
Filed Nov. 15, '13. Dated Oct. 9, '13.
Payments same as above.....
TOTAL COST, \$2375
Bond, \$1187.50. Surety, The Title Guar-
anty & Surety Co. Limit, June 15, 1914.
Forfeit, \$10. Plans and specifications
filed.

(4201) HEATING SYSTEM ON ABOVE
Contractor..Mangrum & Otter, 561 Mis-
sion, San Francisco.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Payments same as above.....
TOTAL COST, \$3400
Bond, \$1700. Surety, National Surety
Co. Limit, June 15, 1914. Forfeit, \$10.
Plans and specifications filed.

(4202) ELEVATOR WORK ON ABOVE
Contractor..Otis Elevator Co., Beach &
Stockton, San Francisco.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Payments same as above.....
TOTAL COST, \$5700
Bond, \$2850. Surety, National Surety
Co. Limit, June 15, 1914. Forfeit, \$15.
Plans and specifications filed.

(4203) LIGHTING FIXTURES ON
above.
Contractor..Thomas Day Co., 725 Mis-
sion, San Francisco.
Filed Nov. 15, '13. Dated Oct. 7, '13.
Payments same as above.....
TOTAL COST, \$2485
Bond, \$1242.50. Surety, Title Guaranty
& Surety Co. Limit, June 15, 1914. For-
feit, \$10. Plans and specifications filed.

(4204) GLAZING ON ABOVE.
Contractor..W. P. Fuller & Co., Beale &
Mission, San Francisco.
Filed Nov. 15, '13. Dated Oct. 9, '13.
Payments same as above.....
TOTAL COST, \$3700
Bond, \$1850. Surety, Massachusetts
Bonding & Insurance Co. Limit, June
15, 1914. Forfeit, \$10. Plans and spec-
ifications filed.

(4205) FURNISH, INSTALL AND SET
exterior marble on above.
Contractor..Colusa Sandstone Co., 3
Potrero Ave., S. F.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Payments same as above.....
TOTAL COST, \$7680
Bond, \$3840. Surety, Massachusetts
Bonding & Insurance Co. Limit, June
15, 1914. Forfeit, \$20. Plans and spec-
ifications filed.

(4206) CARPENTRY WORK ON ABOVE
Contractor..James L. McLaughlin, 244
Kearny, San Francisco.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Payments same as above.....
TOTAL COST, \$21,000
Bond, \$10,500. Surety, Title Guaranty
& Surety Co. Limit, June 15, 1914.
Forfeit, \$20. Plans and specifications
filed.

(4207) ELECTRIC WIRING ON ABOVE
Contractor..The Turner Co., 278 Na-
toma, San Francisco.
Filed Nov. 15, '13. Dated Oct. 8, '13.
Payments same as above.....
TOTAL COST, \$2795
Bond, \$1397.50. Surety, Aetna Accident
& Liability Co. Limit, June 15, 1914.
Forfeit, none. Plans and specifications
filed.

BUILDING ACTIVITIES.

According to a report made by the Bureau of Building Inspection of the Board of Public Works, records show that there were 4750 building permits issued from January 1st to October 31st, 1913, amounting to \$17,937,929. This amount is for private buildings only and does not include the vast amount of work now being carried on by the Exposition Company in the Fair Grounds or any other public work.

NOTICE OF NON-LIABILITY.

Nov. 10, 1913—LOT 20 BLK "M" Silver Terrace. Homestead Realty Co as to improvements on leased property

PLANS FILED FOR PUBLIC LIBRARY

Bliss & Faville, Architects, Balboa Bldg., have filed plans with the Bureau of Building Inspection of the Board of Public Works for the construction of a one-story and basement concrete library to be erected by the Board of Trustees of the San Francisco Library on the west line of Ninth Avenue 225 feet north of Geary street, at a cost of \$45,000.

RELEASE OF BUILDING CONTRACT.

Nov. 14, 1913—W FIFTH AVE 225 N Clement N 25xW 120. John Dowd with T Roy Murray. Released.....Nov. 14, 1913

COMPLETION NOTICES.

San Francisco.

Nov. 8, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Co by Clinton Fireproof Co to R F Woodall.....Oct. 29, 1913
Nov. 8, 1913—N CALIFORNIA 77-6 W Front 60-8 1/2xN 127-6. The Hind Estate Co to Butcher & Hadley, Nov. 4; H L Petersen.....Nov. 1, 1913
Nov. 8, 1913—S TWENTY-FOURTH 30 E Bryant — 35 S 80 W 35 N 80. J A Rippe to Thos F Mitchell & Son

Nov. 8, 1913—S TWENTY-FOURTH 65 E Bryant E 35xS 80. J A Rippe to Jacob F Nielsen.....Nov. 1, 1913
Nov. 8, 1913—NE BUSH & GRANT Ave E 60xN 77-6. Louis Friedman to Wilson Elec Co and Leopold and C Mollath.....Nov. 6, 1913
Nov. 8, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E 73. S A Haas to R Rogers, Lacey Bros, J Steir and W L Bury.....Nov. 4, 1913
Nov. 10, 1913—NW JACKSON AND Drumm 60xW 60. Thos W Butcher to Jno M and Antone Lettich (as Lettich Bros).....Nov. 8, 1913
Nov. 10, 1913—E TWENTY-THIRD Ave 125 N California N 25x120. Margaret and George Mountford to whom it may concern.....Oct. 30, 1913
Nov. 10, 1913—ON CALIFORNIA ST. side of Blk bounded by California, Sacramento, Jones and Taylor Sts. Grace Cathedral Cpn to John G Sutton Co.....Nov. 10, 1913
Nov. 10, 1913—E THIRTIETH AVE 250 S Irving S 25xE 120. Florence and Serena McCarthy to whom it may concern.....Nov. 10, 1913
Nov. 10, 1913—SE TAYLOR AND

some N 137-6xW 67-6. Standard Oil Co to New York Belting & Packing Co.....Nov. 8, 1913
Nov. 14, 1913—SE TAYLOR AND Geary E 87-6xS 137-6. Clift Estate Co to Sibley Grading & Teaming Co.....Nov. 13, 1913
Nov. 14, 1913—W WOODLAND AVE 425 S Paransus 25x50; Lot 44 Blk "D," Sunset Heights. F S and Florence B Sexton to P Hansen.....Nov. 10, 1913
Nov. 14, 1913—SE TWENTY-SECOND and Bartlett S 80xE 125. John G Klumpke to Monson Bros.....Nov. 8, 1913
Nov. 14, 1913—N ELLIS 97-6 W Mason W 40xN 60. Charles C Judson Co to Mortenson Constr Co.....Nov. 6, 1913

LIENS FILED

San Francisco.

Nov. 1, 1913—SE PINE & POWELL E 68-6xS 60. John M Boscus and John J Boscus (as Boscus Bros) vs Peter H Bohlig and Geo H Stoffels

Monolithic Co. V D Virgil & Co
(co-partnership) and John Hession
Nov. 14, 1913—SE PINE & POWELL
E 68-6X8 60. Petersen-James Co vs
John H Bohlig and George H
Stoffels \$250

OAKLAND AND ALAMEDA

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Miss Jeanne Wintermute. The dwelling will be erected in the Claremont Tract and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Oak doors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heater will be installed. Exterior of the dwelling will be covered with shakes and shingles. Plans are nearly complete and figures will be called for shortly.

RESIDENCE — 2 story and base, frame, \$2,500. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. This dwelling, which is to be erected in Thousand Oaks Park, will contain seven rooms, bath and sleeping porch. Interior will be handsomely finished in pine and redwood. Oak floors will be used in the living room, dining room and den. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the owners will do the work by Day Labor.

RESIDENCES, — 2 2-story and base, frame, \$4,000 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, Interurban Home Builders, The, Alameda and Solano ave., Berkeley. This firm will shortly start construction on two handsome dwellings, each of which is to contain seven rooms and which will be erected in the Northbrae Tract. Interiors will be finished in pine and redwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms and kitchens will have tile wainscot. Automatic water heater will be installed. Exterior will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Material figures are now being taken.

RESIDENCES — 2 2-story and base, frame, \$5,750 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. These houses will be erected on Sierra street and have been designed for seven room dwellings with bath and sleeping porches. Interiors will be finished in pine, white enamel and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscoting will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and the owners will do the work by Day Labor.

BUNGALOWS — 6 1½ story and base,

frame, \$2,700 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, Interurban Home Builders, The, Alameda and Solano ave., Berkeley. These houses will be erected in the Northbrae Tract and each will contain six rooms, bath and sleeping porch. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantels in the living rooms. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster, shingles and rustic. Plans are complete and work will be done by Day Labor. Bids on materials are wanted.

BUNGALOW — 1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. The dwelling will be erected on Sierra street in Northbrae and will contain six rooms, bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with brick mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$10,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Adams Point and has been designed for a nine room house with several baths and sleeping porch. Interior finish will be of Pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. Automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW — 1 story and base, frame, \$2,750. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck avenue, Berkeley. The house will be erected on Sonoma ave., and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished largely in pine with oak floors in the living and dining room. The wainscoting will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, T. S. Mathis. The dwelling will be erected on Cedar street and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the

work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Walla Vista avenue and has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat. A large open fire place with brick or tile mantel will be used in the living room. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. The dwelling, designed for a seven room house, will be erected at the northeast corner of Sonoma and Sierra streets. Interior will be finished in pine with some hardwood veneer and white enamel. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Tile wainscot is specified in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$6,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Calmar avenue and has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat, vacuum cleaning and an automatic water heater. Large open fire places with brick or tile mantels will be used in several of the rooms. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$4,500. Piedmont, Alameda Co., Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Mountain View ave. and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with some oak veneer in the dining room. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 1½ story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Frank S. Forester, 1417 Arch street, Berkeley. Owner, Mrs. A. T. Burns. The dwelling, designed for a six room house with

bath and sleeping porch, will be erected in the Claremont Tract. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick or tile. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story — and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, W. G. Appleton, First National Bank Bldg., Berkeley. The dwelling will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. The plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the kitchen and bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck ave., Berkeley. The dwelling will be erected at the corner of Sonoma and Tulare avenue and has been designed for an eight room house with bath and sleeping porch. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick or tile. Tile wainscot will be used in the bath and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOW — 1 story and base, frame, \$2,000. San Leandro, Alameda Co., Cal. Architect, Erwin Schapfer, Albany Block, Oakland. Owner, Emil Storz. The dwelling has been designed for a five room house with bath. Interior finish will be of pine. Oak floors will be used in the living and dining rooms. There will be a large open fire place in the living room with a brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCES — 3 2-story and base, frame, \$4,500 each. Piedmont, Alameda Co., Cal. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, H. P. Houston. These houses will be erected in Piedmont Manor and each has been designed to contain seven rooms, bath and sleeping porch. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Ex-

teriors will be covered with cement plaster on metal lath. Plans are being prepared. When complete the work will probably be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck avenue, Oakland. The dwelling will be erected at the northeast corner of Sonoma and Ventura avenue and has been designed to contain eight rooms, baths and sleeping porch. Interior will be finished in pine, white enamel and hardwood veneer. Oak floors will be used in the living, dining room and reception hall. There will be furnace heat. Open fire places and brick or tile mantels will be used in the principal rooms. Plans provide for an automatic water heater. Tile wainscot will be used in the baths and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor.

APARTMENT HOUSE — 4 story and base, brick and steel. Cost not stated. Oakland, Cal. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner, F. G. Baird. The building will be erected on the west side of Oak street between 14th and 15th streets and will have a frontage of 50 feet and a depth of 150 feet. The building has been designed to contain a total of 75 rooms which will be arranged in suites of two, three and four rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be steam heat, an automatic elevator, a hot water supply and vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

JAIL PLUMBING AND EQUIPMENT — Cost not stated. Oakland, Cal. Architects, Palmer, Hornbostel and Jones. New York City, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owner, City of Oakland. Bids are being called for on the plumbing for the City Jail, located in the new City Hall building. Bids will be opened on November 20th. Plans and specifications can be secured from the supervising architect, J. J. Donovan, Security Bank Bldg., Oakland. An official proposal appears in another column of this issue.

HOTEL HEATING SYSTEM — Cost not stated. Oakland, Cal. Architect, Fred D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. Plans are complete and figures are now being called for the installation of a steam heating system in the new seven story and basement brick and steel hotel building which is now under construction at the corner of 12th and Webster streets. Plans are out for figures. Full information as to the system can be secured from the architect.

THEATRE — 2 story and base, Class A construction, \$100,000. Berkeley, Alameda Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Williamson and Mason. This work has been mentioned here

before when the architect was first commissioned to prepare the plans. Working drawings are complete and figures are being taken. The building will be erected on the west side of Shattuck avenue south of University covering an area of 60 by 125 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior will be finished in metal and hardwoods with considerable ornamental plaster. There will be steam heat and a modern system of ventilation. The main auditorium and galleries will have a combined seating capacity of 2000 people. Exterior of the building will be faced with cement plaster. The building has been leased for a long term of years to the Turner and Dohnen Circuit.

NOTICE OF NON-RESPONSIBILITY.

Nov. 11, 1913—LOT 3 BLK 11 Map Fourth Ave Heights, Okla. Alta Piedmont Land Co as to improvements on leased property

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
3298	Merlina	Waddell	400
3299	Swalley	Swalley	500
3300	Nethken	Nethken	30
3301	Morgenson	Morgenson	2500
3302	Azevedo	Silva	1200
3310	Bliss	Burritt	5000
3311	Buras	Jones	300
3312	Peterson	Peterson	2500
3313	White	Corbett	500
3314	Harris	Hudson	2700
3315	Wagner	Wilkins	400
3317	Univ Cal	Stone	4800
3318	Lombard	Lombard	1500
3319	Enyard	Stand Bldg	2475
3320	Peterson	Peterson	2500
3321	Sommarmstrom	Owner	40000
3322	Painter	Burnett	2500
3323	Hellman	Van Sant	4500
3329	Gozzo	Molunary	1700
3330	Koenig	Okd Bldg	600
3331	Nichols	Nichols	1000
3332	Kick	Kick	1000
3334	Engdahl	Bellefontaine	2180
3335	Hinch	Legault	2250
3336	Finant	Stand Bldg	2200
3337	Taber	Taber	1200
3338	Carlston	Leiter	18000
3339	Schneble	Owner	4000
3340	Leach	Schley	6200
3341	Pac Theatres	Brumfield	7000
3346	Settler	Settler	2750
3347	Brand	Allen	2500
3348	Sunset Lumber	Owner	450
3349	Vickey	Vickey	2500
3350	Kirkland	McWilliams	1800
3351	Wignmore	Weitzel	2000
3352	MacKinnon	Maloon	8000
3353	Goldberg	Wilson	600
3354	Powell	Newcomb	2850

(3298) NO. 3289 "B," Oakland. Tank frame.

Owner.....Jas. Merlina, Premises. Architect.....None.

Contractor.....R. P. Waddell, 1014 Franklin, Oakland. COST, \$400

(3299) SE CHENEY AVE & WALKER AVE, Oakland, Garage.

Owner.....H. M. Swalley, 715 Grand Ave., Oakland.

Architect.....None. Day's work. COST, \$500

(3300) NO. 3752 BROWN AVE., Oakland. One-story 2-room dwelling.

Owner.....Nethken & McMahon, Frem. Architect.....None.

Contractor.....H. Nethken, Premises. COST, \$500

Get It From Bacon



"A Mix a Minute"

BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations, bridges, walls, culverts, etc.

—O—
The Best in Contractors Equipment

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EDWARD R. BACON COMPANY

38-40 NATOMA STREET

Telephone Sutter 1675

San Francisco

Architect...None.

Contractor...Standard Bldg. Co., 5670
Oak Grove Ave., Oakland.
COST, \$2475

(3320) NW BELVEDERE & TRASK
Ave., Oakland. One and one-half-story
6-room dwelling.

Owner.....T. S. Peterson, 2035 1/2
Parker, Berkeley.

Architect...None.

Day's work. COST, \$2500

(3321) W ALICE near 16th, Oakland.
Three-story 84-room frame and brick
vener apartment house.

Owner.....Sommarstrom Investment
Co., 202 E-12th, Oakland.

Architect...Clay N. Burrell, Albany
Block, Oakland.

Day's work. COST, \$10,000

(3322) LOT 15 BLK "B" Map Scenic
Boulevard Knoll, Oakland. All work
for one-story 5-room dwelling.

Owner.....John W. Painter, 1079 12th,
Oakland.

Architect...None.

Contractor...F. L. Burnett, 745 Alceen,
Oakland.

Filed Nov. 11, '13. Dated Nov. 3, '13.

Frame up\$625

Rough coat plaster on..... 625

Standing finish on..... 625

Completed and accepted..... 625

TOTAL COST, \$2500

Bond, none Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(3323) TRACT LAND ON E line Foot-
hill Boulevard beginning at 108th
Ave., Oakland. Carpenter work,
tinting, painting, etc., involved in
alterations to two-story dwelling.

Owner.....I. W. Hellman Jr., Care
Union Trust Co., S. F.

Architect...Frederick H. Meyer, Bank-
ers' Bldg., S. F.

Contractor...R. H. Van Sant, 1st Na-
tional Bank Bldg., Okd.

Filed Nov. 11, '13. Dated Oct. 31, '13.

1st day of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1300

Bond, \$2150. Surety, National Surety
Co. Limit, 65 days. Forfeit, none.

Plans and specifications filed.

(3329) S SIXTY-FIFTH 80 W Herzog,
Oakland. Two-story 5-room dwelling.

Owner.....G. Gozzo, 132 Gaspar Place,
San Francisco.

Architect...None.

Contractor...L. Molinari and De Lucia,
661 Greenwich, S. F.

COST, \$1700

(3330) NO. 727 ALCATRAZ AVE., Oak-
land. Alterations and repairs.

Owner.....H. M. Louise Koenig, 445
Oakland Ave., Oakland.

Architect...None.

Contractor...Oakland Bldg. & Invst. Co.
Bacon Bldg., Oakland.

COST, \$600

(3331) E COLLEGE AVE 19 S Shafter
Ave., Oakland. One-story stores.

Owner.....M. D. Nichols, 338 63rd,
Oakland.

Architect...None.

Day's work. COST, \$1500

(3332) N DAVIS 300 E Bray Ave., Oak-
land. Two-story 5-room dwelling.

Owner.....Gerhard Kick, 3128 Davis,
Oakland.

(3301) S ARLINGTON AVE 412 E
Park, Oakland. One-story 5-room
dwelling.

Owner.....Morgenson Bros., 554 63rd,
Oakland.

Architect...None.

Day's work. COST, \$2500

(3302) W SEVENTY-SIXTH AVE 1000
S E-14th, Oakland. One-story 5-room
dwelling.

Owner.....Julio Azevedo, 1262 76th
Ave., Oakland.

Architect...None.

Contractor...J. R. Silva, 1615 81th Ave.,
Oakland. COST, \$1200

(3310) W MONTE 75 N Pala Ave.,
Piedmont. Two-story frame residence

Owner.....W. S. Bliss, 3561 Jackson,
San Francisco.

Architect...Bliss & Paville, Balboa
Bldg., San Francisco.

Contractor...O. L. Burritt, 127 63rd, Okd.
COST, \$5000

(3311) NO. 5731 HARMON AVE., Oak-
land. Alter and add.

Owner.....Mrs. Burns, Premises.

Architect...None.

Contractor...Jones Bros., 5829 Lawton
Ave., Oakland. COST, \$300

(3312) S BOULEVARD 200 W 55th Ave
Oakland. One-story 6-room dwlg.

Owner.....T. S. Peterson, 2035 1/2
Parker, Berkeley.

Architect...None.

Day's work. COST, \$2500

(3313) NO. 96 E-TWELFTH, Oakland.
Alterations.

Owner.....L. T. White, Premises.

Architect...None.

Contractor...Conbett & Bayliss, 1110
Franklin, Oakland. COST, \$500

(3314) W WOODRUFF AVE 240 S
Hampel, Oakland. One-story 7-room
dwelling.

Owner.....Harris & Hudson, 1957 E-
38th, Oakland.

Architect...None.

Day's work. COST, \$2700

(3315) NO. 414 FOURTEENTH, Oak-
land. Alterations.

Owner.....Wagner & Pugh, 1519 Alice
Oakland.

Architect...None.

Contractor...C. W. Wilkins, 1931 12th,
Oakland. COST, \$400

(3317) E SIXTY-SIXTH AVE in the
Marsh, Oakland. Hog serum station.

Owner.....University of California,
Berkeley.

Architect...None.

Contractor...E. P. Stone, 1212 Carrison,
Berkeley. COST, \$1800

(3318) E FORTIETH AVE 30 S E-17th
Oakland. One-story 1-room dwlg.

Owner.....Howard B. Lombard, 602
E-15th, Oakland.

Architect...None.

Day's work. COST, \$1500

(3319) N BROOKDALE AVE 200 W
Peralta Ave., Oakland. One-story 5-
room dwelling.

Owner.....Miss Gertrude Enyart, 3020
Brookdale Ave., Oakland.

Architect...L. F. Hyde, 1st National Bank Bldg., Oakland.
Day's work. COST, \$1000

(3334) LOT 12 BLK 11 Higleys Map Clinton, Oakland. All work for two-story five-room dwelling.
Owner.....Miss Augusta Engaol (Engdahl), Oakland.
Architect...None.

Contractor...Angus J. Bellefontaine, Okd Filed Nov. 12, '13. Dated Nov. 12, '13.
Framed 1/4
White coated 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2150

Bond, limit, forfeit, none. Plans and specifications filed.

(3335) S WESLEY AVE 164.65 W Newton Ave W 35x8 97.6, Oakland. All work except labor for lathing and plastering for one-story dwelling.
Owner.....Joseph T. Hinch, 1542 Broadway, Oakland.
Architect...None.

Contractor...Oliver Legault, 3136 West, Oakland.
Filed Nov. 12, '13. Dated Aug. 30, '13.

Frame up 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2235

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(3336) N FOREST 140 W Peralta Ave W 50xN 170.30, Oakland. All work for one-story 5-room dwelling.
Owner.....Gertrude M. Enyart, 3020 Brookdale Ave., Oakland.
Architect...None.

Contractor...Standard Bldg. Co., 5670 Oak Grove, Oakland.

Filed Nov. 12, '13. Dated Nov. 8, '13.
Frame up \$400
Brown coated 400
Completed 400
Usual 35 days..... 1000
TOTAL COST, \$2200

Bond, none. Limit, 50 days. Forfeit, \$1. Plans and specifications, none.

(3337) S SCHOOL 360 W Fruitvale Ave., Oakland. One-story 4-room dwelling.
Owner.....Miss Madge Taber, 1846 Fruitvale Ave., Oakland.

Architect...None.
Contractor...A. C. Taber, 1816 Fruitvale Ave., Oakland.
COST, \$1200

(3338) OLD MOROSCO PLACE, Redwood Road, Oakland. Alterations.
Owner.....J. F. Carleton, Central Bk. Bldg., Oakland.

Architect...B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor...E. T. Leiter & Sons, 189 Jessie, San Francisco.
COST, \$18,000

(3339) NW SIXTH AND JACKSON, Oakland. One-story brick cabinet shop.
Owner.....Schnebley, Hostrawer & Pedgrift, Premises.

Architect...None.
Day's work. COST, \$4000

(3340) N 20 LOT 5 & LOT 4 BLK "I" Map Central Piedmont Tract, Piedmont. All work except finish hardware. light fixtures, plumbing, heat-

ing, window shades and fixtures in one bath room for two-story basement and attic dwelling.

Owner.....E. R. Leach, Piedmont.
Architect...Louis M. Upton, 111 Ellis, San Francisco.

Contractor...Karl Schley, Oakland.
Filed Nov. 13, '13. Dated Nov. 12, '13.
Roof rafters in place.....\$1550
Plastering completed 1550
Completed and accepted..... 1550
Usual 35 days..... 1550
TOTAL COST, \$6200

Bond, \$3100. Sureties, C. E. Stowe and Henry Mohr. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3341) SW FOURTEENTH & BROADWAY (Macdonough Theatre), Oakland Spectacular illuminated marquee, changeable electric letter advertisement sign frame and electric chrom-ater.

Owner.....Pacific Theatres Co., Inc., Oakland.

Architect...Walter J. Mathews, 927 Broadway, Oakland.

Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.

Filed Nov. 13, '13. Dated Nov. 11, '13.
Structural steel for marquee up, \$ 500
Electric and sheet metal for mar-ques up 500
Completed 1000
Usual 35 days..... 1000
TOTAL COST, \$3000

Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(3346) N WALNUT AVE 112 E Courtland Ave., Oakland. One-story 6-room dwelling.

Owner.....J. E. Settles, 1544 Broadway, Oakland.

Architect...None.
Day's work. COST, \$2250

(3347) NW HIGHLAND AVE AND First; Lots 27 and 29 Map Rbsdvn of Kinsell Tract, Elmhurst, Oakland. All work for one-story store and dwelling.

Owner.....Mary J. Brand, Alameda.
Architect...Alvin J. Stern, 1522 Broadway, Oakland.

Contractor...Merritt Allen, 829 52nd, Oakland.

Filed Nov. 14, '13. Dated Nov. 14, '13.
Completed and accepted.....\$1500
Usual 35 days..... 1000
TOTAL COST, \$2500

Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications, none.

(3348) FIRST & OAK, Oakland. Addition.

Owner.....Sunset Lumber Co., Prem.
Architect...None.

Day's work. COST, \$450

(3349) N FIFTY-NINTH 200 E Idaho, Oakland. One-story 5-room dwlg.

Owner.....Katie Vickery, 1029 59th, Oakland.

Architect...None.
Day's work. COST, \$2500

(3350) W BROADWAY, bet 38th and 40th, Oakland. Brick bakery oven.

Owner.....A. W. Kirkland, 1209 Broadway, Oakland.

Architect...None.
Contractor...R. A. McWilliams, 5845 Ayala, Oakland.

COST, \$1800

(3351) S FORTY-NINTH 195 W Broadway, Oakland. One-story 5-room dwlg

Owner.....A. E. Wigmore, 42nd and Shafter Ave., Oakland.

Architect...None.
Contractor...Jno. Weitzel, 1730 Virginia Berkeley.

COST, \$2000

(3352) SW FIFTY-SEVENTH AND Shattuck Ave., Oakland. One-story store.

Owner.....W. H. Mackinnon, 21st and Brush, Oakland.

Architect...None.
Contractor...C. H. Maloon, 2929 Linden, Oakland.

COST, \$800

(3353) NOS. 477-479 THIRTEENTH, Oakland, Marquee.

Owner.....Goldberg Bowen Co., Prem.
Architect...None.

Contractor...F. J. Wilson.
COST, \$600

(3354) NE THIRTEENTH AND WEBSTER E 100xN 50, Oakland. Steam heating for seven-story brick and steel hotel.

Owner.....H. A. Powell, Oakland.
Architect...F. D. Voorhees, Central Bk. Bldg., Oakland.

Contractor...J. C. Newcomb, 4021 Foot-hill Blvd., Oakland.

Filed Nov. 15, '13. Dated Nov. 13, '13.
Completed and accepted.....\$2173.50
Usual 35 days..... 724.50
TOTAL COST, \$2898.00

Bond, \$1449. Surety, Chicago Bonding & Surety Co. Limit, 10 days. Forfeit, \$25. Plans and specifications filed.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
3303	King	Kidder	9500
3304	Mathis	Mathis	4
3316	Thompson	Patrick	4500
3328	Larsen	Metze	600
3332	Ochletree	Buskirk	2100
3343	Giles	Blethroad	450
3345	Kemp	Kemp	1100
3344	Westphal	Jensen	2500
3345	Trenery	Bixby	2000

(3305) W TELEGRAPH AVE 280 S Allston Way, Berkeley. One-story Class "C" stores.

Owner.....F. G. King.

Architect...Leonard H. Ford, 2136 Center, Berkeley.

Contractor...Kidder & McCullough, 2075 Addison, Berkeley.

COST, \$5950

(3304) NO. 2411 CEDAR, Berkeley. Two-story 7-room dwelling.

Owner.....T. S. Mathis, 1625 Euclid Ave., Berkeley.

Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.

Day's work. COST, \$4500

(3316) W ARLINGTON opp Somerset Place, Berkeley. Two-story 7-room dwelling.

Owner.....Georgia Thompson.
Architect...None.

Contractor...Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.

COST, \$1500

(3328) W ROOSEVELT AVE 200 S Allston Way, Berkeley. Alterations.

Owner.....A. Larsen, 2224 Roosevelt Ave., Berkeley.

Architect...None.
Contractor...Paul Metze, 2738 10th, Bkly.

COST, \$600

(3333) E BONITA AVE 150 S Berri-
man, Berkeley. One and one-half-
story 7-room dwelling.
Owner.....Mr. Ochletree, Los Angeles.
Architect...Olin S Grove, 2911 Tele-
graph Ave., Berkeley.
Contractor...J. W. Buskirk, 2432 Hilgard
Ave., Berkeley.

COST, \$3100

(3342) NE TELEGRAPH AVE AND
Oregon, Berkeley, Alterations.
Owner.....Mr. Giles, San Francisco.
Architect...None.
Contractor...D. T. Blethroad, 1732 Milvia
Berkeley.

COST, \$450

(3343) N ASHBY 275 E San Pablo
Ave., Berkeley. One-story 5-room
dwelling.
Owner.....H. A. Kemp, 647 56th, Okd.
Architect...None.
Day's work.

COST, \$1400

(3344) N POSEN AVE opp Carollata
Ave., Berkeley. Two-story 7-room
dwelling.
Owner.....Westphal & Jensen, 394
Euclid Ave., Oakland.
Architect...None.
Day's work.

COST, \$2500

(3345) W FULTON 100 N Oregon, Berke-
ley. One-story 7-room addition
under present house.
Owner.....J. F. Trenery, 2812 Fulton,
Berkeley.
Architect...None.
Contractor...B. R. Bixby, 2447½ Web-
ster, Berkeley.

COST, \$2000

Building Contracts Awarded.**Alameda.**

No.	Owner	Contractor	Am't.
3305	Hillen	Hillen	1500
3306	Suydam	Delaney	1500
3307	Powell	Powell	3000
3308	Same	Same	2400
3309	Hoopengartner	Borle	1900
3324	Cal Girls School	Gates	1100
3325	Strang	Strang	2000
3326	Same	Same	3000
3327	Rockingham	Owner	1950

(3395) NO. 1500 FERNSIDE BLVD.,
Alameda. One-story 5-room dwlg.
Owner.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.
Designer...W. W. Landgrebe, Fernside
and Liberty Ave., Alameda.
Day's work.

COST, \$1500

(3396) NO. 1012 UNION, Alameda. Al-
terations.
Owner.....Jos. Suydam, Premises.
Architect...None.
Contractor...Delaney & Randlett, 2303
Central Ave., Alameda.

COST, \$1500

(3397) FOOT OF LAUREL, Alameda.
Two-story 7-room dwelling.
Owner.....Powell Bros. Constr. Co.,
Harrison Ave., Alameda.
Designer...M. H. Fish, 1528 Court, Ala.
Day's work.

COST, \$3000

(3398) FOOT OF LAUREL, Alameda.
Two-story 9-room dwelling.
Owner.....Powell Bros. Constr. Co.,
Harrison Ave., Alameda.
Designer...M. H. Fish, 1528 Court, Ala.
Day's work.

COST, \$3400

(3399) NO. 2025 PACIFIC AVE., Ala-
ameda. One-story 5-room dwelling.

Owner.....A. P. Hoopengartner, 2057
Alameda Ave., Alameda.
Architect...None.
Contractor...C. A. Borle, 2117 Pacific
Ave., Alameda.

COST, \$1900

(3324) NO. 520 LINCOLN AVE., Ala-
ameda. Repairs.
Owner.....California Girls Training
Home, Premises.
Architect...None.
Contractor...H. H. Gates, 2407 Santa
Clara Ave., Alameda.

COST, \$1100

(3325) LOT 9 BLK "B" Waterside
Terrace, Alameda. One-story 6-room
dwelling.
Owner.....F. N. Strang, 804 Central
Ave., Alameda.
Architect...None.
Day's work.

COST, \$2000

(3326) LOT 11 BLK "A" Bay Park
Tract, Alameda. Two-story six-room
dwelling.
Owner.....F. N. Strang, 804 Central
Ave., Alameda.
Designer...V. N. Strang, 804 Central
Ave., Alameda.

Day's work. COST, \$3000

(3327) NO. 1530 PEARL, Alameda.
One-story 5-room dwelling.
Owner.....J. H. Rockingham, 2806 San
Jose Ave., Alameda.
Architect...None.
Day's work.

COST, \$1900

COMPLETION NOTICES.**ALAMEDA COUNTY.**

RECORDED ACCEPTED
Nov. 8, 1913—LOTS 28 AND 29 BLK 1
Hopkins Terrace No. 4, Bkly. Emil
Grebs to Henry Ahnfeldt. Oct. 30, 1913

Nov. 10, 1913—LOT 47, Fourth Ave.,
Terrace Ext, Okd. Mrs Grace E
Naunton to Harris & Hudson.....

Nov. 10, 1913—PTN LOTS 19 AND 20
Blk 4 Map Oakridge Claremont,
Bkly. Gertrude D White to Jacob
House.....Nov. 1, 1913

Nov. 10, 1913—LOT 64 Jeanette Von
Ah Tract, Okd. W C Brown to
whom it may concern.....Nov. 6, 1913

Nov. 11, 1913—NE CASTRO 120 SE
"B" SE 44XNE 110, Hayward. Peter
M Verzie to whom it may concern
.....Nov. 10, 1913

Nov. 11, 1913—W GRANT 100 S Blake
S 30xW 100, Bkly. Gertrude Geary
(w/ H J).....\$5000

Nov. 11, 1913—NW COUNTY ROAD
2689 and Central Cypress Ave NE
273.63 NW 412.17 SW 235 SE 207.93,
Eden Tp. Antonio J Gomes.....\$3000

Nov. 12, 1913—LOTS 10 AND 11 BLK
"A" Broadway Terrace, Okd. Mary
A Bowles to R H Van Sant.....

Nov. 13, 1913—W FORTY-FOURTH
140 E West E 50XN 100, Okd. Thos
F O'Neil to Gallagher & Motts.....

Nov. 13, 1913—LOT 15 BLK H Grand
Ave Heights, Okd. Susie Noble
and Chas W Noble to R H Van Sant
.....Nov. 8, 1913

Nov. 13, 1913—NW BROADWAY &
N 26th W 153.63 N 233.20 W 199.94
W 199.91 S 52.13 W 187, Okd. 1st
Presbyterian Church of Oakland to
Jos Musto Sons-Keenan Co.....

Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187, Okd. 1st Presbyterian
Church of Oakland to John G Sut-
ton Co.....Nov. 10, 1913

N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187 to N line 26th and
beg, Okd. 1st Presbyterian Church
of Oakland to Atlas Stone Co.....

Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187, Okd. 1st Presbyterian
Church of Oakland to John G Sut-
ton Co.....Nov. 10, 1913

Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187, Okd. 1st Presbyterian
Church of Oakland to General Eng
Co.....Nov. 10, 1913

Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187, Okd. 1st Presbyterian
Church of Oakland to General Eng
Co.....Nov. 10, 1913

Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187, Okd. 1st Presbyterian
Church of Oakland to General Eng
Co.....Nov. 10, 1913

Nov. 13, 1913—LOT 15 BLK 5 AND
Lots 21 and 19 Blk 4 and Lots 14
and 15 Blk 21 Map Northbrae, Bkly.,
Interurban Home Bldrs to whom it
may concern.....Nov. 6, 1913

Nov. 13, 1913—S WESLEY AVE 164.65
W Newton Ave W 35 SE 97.60 NE
25.33 NW 105.02, Okd. A L Calvert
to whom it may concern.....Nov. 12, 1913

Nov. 13, 1913—S WESLEY AVE 130.65
W Newton Ave W 34 SE 105.02 NE
25.33 NW 113.18, Okd. A L Calvert
to whom it may concern.....Nov. 12, 1913

Nov. 13, 1913—LOT 11 Robinson Trct,
Ala. J E Randall to whom it may
concern.....Nov. 13, 1913

Nov. 13, 1913—LOT 87 Map Fourth
Ave Terrace Ext, Okd. Joe T
Collins to whom it may concern.....

Nov. 13, 1913—W GREENWOOD AVE
Lot 8 Blk "B" Map Fourth Ave
Terrace, Okd. Gertrude S Brown
to Oakland Bldg & Invest Co.....

Nov. 13, 1913—W GREENWOOD AVE
Lot 8 Blk "B" Map Fourth Ave
Terrace, Okd. Gertrude S Brown
to Oakland Bldg & Invest Co.....

LIENS FILED.**ALAMEDA COUNTY.**

Nov. 4, 1913—LOT 23 BLK 17 Map
Havenscourt, Okd. Hogan Lumber
Co vs MacArthur Bros Inc and J
Piconia\$394.91

Nov. 5, 1913—ADDISON NO. 1719, E
34 Lot 5 Range 7 Map Shbyn 6 and
7 Hardy Trct, Bkly. A Dalgleish vs
H E Sullivan and Mrs H A Long.....\$47

Nov. 5, 1913—N BOND W 100 51st
Ave W 40xN 120, Okd. W S Cooper
vs William Le Baron.....\$43.50

Nov. 6, 1913—LOT 1 and W 10 Lot 2
Blk 119 Allston Tract, Bkly. J C
Sullivan vs Samuel Illich and John
Laamenen\$80

Nov. 6, 1913—W PTN LOT 31 Map
Potts Tract San Pablo Ave, Okd.
J C Sullivan vs Margaret A Powers
and John Laamenen\$95

Nov. 8, 1913—LOTS 41 AND 42 BLK 3
Map No. 6 Regents Park, Albany.
Berkeley Lumber Co vs M Sibbins
and D E Hughes\$272.20

Nov. 8, 1913—N SIXTY-SEVENTH 125
E San Pablo Ave E 25 N 110.09 W
22.13 S 110.72, Okd. Berkeley Lum-
ber Co vs M A Powers, John La-
amenen and W H Sweeney.....\$275.70

Nov. 10, 1913—E COTTAGE 129 N
Central Ave N 35x E 50, Ala. Sun-
set Lumber Co vs W L Le Boyd
and Emma J Lank.....\$355.14

Nov. 11, 1913—LOT 252 Map Fourth
Ave Terrace Ext, Okd. Pacific Mfg
Co vs D L Rountree.....\$125.10

Nov. 12, 1913—N SIXTY-SEVENTH
125 E San Pablo Ave E 25 N 110.09

W 22.13 S 110.72, Oakland. W H Sweeney vs John Laamanen and M A Powers\$15

SAN JOSE & SANTA CLARA CLARA VALLEY.

RESIDENCE — 2 story and base, frame, \$14,000. Woodside, San Mateo Co., Cal. Architects, W. Garden Mitchell and Charles Edward Hodges, Bankers Investment Bldg., S. F. Owner, William Fitzhugh. A contract for barns and out buildings which are to be a part of an extensive country home which is to be erected in the Portola Tract, near Woodside, has been let. Plans for the dwelling are nearly complete and figures will be called for shortly. The house will contain in the neighborhood of 10 rooms, several baths and sleeping porches. There will be furnace heat and 1 open fire places. Mantels will be of brick and tile. Interior will be finished in pine and hardwoods. Oak floors will be used in the principal rooms. Exterior of the house will be covered with cement plaster on metal lath.

SCHOOL GYMNASIUM — 1 story, frame and concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, State Architect George B. McDougal, Sacramento. Owners, State of California. Plans have been completed and approved for the construction of a gymnasium at the San Jose State Normal School. Bids will be opened by the State Board of Control on December 8th at 12 o'clock. Plans and specifications and full particulars of this work can be secured from the State Engineer at Sacramento. An official proposal appears in another column of this issue.

SCHOOL ADDITION — 1 story, brick, \$19,000. San Jose, Santa Clara Co., Cal. Architect, Charles S. McKenzie, Bank of San Jose Bldg., San Jose. Owners, City of San Jose. A one story brick addition is to be made to the present San Jose High School. The addition will contain a number of class rooms. Interior finish will be of pine throughout. The present heating system will be extended into the new portion of the building. Exterior will harmonize with the older portion of the building. Plans are complete and work will be started at once.

Contracts Awarded.

INCINERATOR PLANT — \$26,796. San Jose, Santa Clara Co., Cal. Engineer's name not given. Owners, City of San Jose. Contractor, Z. O. Field, San Jose. Contract price, \$26,796.

Building Contracts.

SANTA CLARA COUNTY.

S HUMBOLDT, bet 3rd and 4th Sts., San Jose. Six-room bungalow.

Owner.....J. A. Weldon, 639 Willes Ave., San Jose.
Architect...None.
Day's work. COST, \$2500

NO. 78 S-EIGHTH, San Jose. Five-room bungalow.

Owner.....J. M. Dunn, Premises.
Architect...None.
Contractor..Lewis Co., Porter Bldg., San Francisco.
COST, \$1400

NO. 361 W-SANTA CLARA, San Jose. One-room addition.
Owner.....F. H. Puck, Premises.
Architect...None.
Day's work. COST, \$400

NO. 40 S-FIRST, San Jose. Fire repairs
Owner.....Return Roberts, Madero.
Architect...None.
Contractor..J. C. Thorp, Porter Bldg., San Jose. COST, \$700

E SIXTEENTH, 2nd Lot N San Carlos, San Jose. Five-room cottage.
Owner.....C. D. Cavallaro, Premises.
Architect...C. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor..P. J. Schmidt, 1222 Delmas Ave., San Jose.
COST, \$2577

NO. 782 N-FIFTEENTH, San Jose. 4-room cottage.
Owner.....J. O. Larusso, Premises.
Architect...None.
Day's work. COST, \$1500

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUNGALOW — 1 story and base, frame. Cost not stated. Healdsburg, Sonoma Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Laura E. Gillis. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine throughout. There will be hardwood floors in the living room and dining room. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

CHURCH — 2 story and base, reinforced concrete, \$25,000. Dixon, Solano County, Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Roman Catholic Church of Dixon. The building has been designed in the Spanish Mission style and will be of reinforced concrete construction throughout. The main auditorium will have a seating capacity of 600 people. Interior finish will be of pine and ornamental plaster. There will be a central heating system. Considerable marble and tile will be used. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared and figures will be called for as soon as working drawings can be completed.

TUNNEL AND ROAD WORK — \$250,600. Richmond, Contra Costa Co., Cal. Engineers, Haviland, Dozier and Tibbetts, Alaska Commercial Bldg., S. F. Owners, City of Richmond. The first of the important work in connection with extending Richmond avenue through to the outer harbor is to be started at once. Plans have been completed for the construction of 500 feet of road which will include a tunnel of some length. Completion of the entire project, bonds for which have been voted, will involve an expenditure of \$1,170,000. Included in this work will be the construction of wharfs and docks. Bids for the road and tunnel

work will be opened on December 29th. Further particulars can be secured from the engineers.

Building Contracts.

CONTRA COSTA COUNTY.

LOT 9 AND E ½ LOT 8 BLK 26, City of Richmond. All work for frame dwelling.

Owner.....E. W. and Kate McCutchen, Richmond.
Architect...None.
Contractor..J. A. Fagerstrom, Richmond.

Filed Nov. 11, '13. Dated Sept. 12, '13.
Frame up\$750
Building plastered 750
Building completed 750
Usual 35 days. TOTAL COST, \$3000

Bond, none. Sureties, W. H. Conn and E. M. Tilden. Limit, ———, Forfeit, none. Plans and specifications filed.

LOT 4 BLK 6, Town of Crockett. All work for completion of church.

Owner.....1st Congregational Church of Crockett.
Architect...None.

Contractor..J. A. Eastman, Oakland.
Filed Nov. 11, '13. Dated Nov. 4, '13.
Frame up\$1100
Brown coat mortar on wall.... 1500
On completion 815
Usual 35 days. TOTAL COST, \$4555

Bond, none. Limit, 70 working days. Forfeit, \$2.50 per day. Plans and specifications filed.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

ADDITION TO LODGE HALL — 2 story and base, brick, \$30,000. Bakersfield, Kern Co., Cal. Architect's name not given. Owners, Bakersfield Elks' Hall Association. The present Elks' building on Chestnut avenue will undergo extensive repairs and a two story addition will be constructed. New portion of the building will contain social rooms, banquet hall and living apartments. Interior finish will be of pine and hardwoods. A maple floor will be used in the ball room. There will be a central heating system. Exterior will be faced with pressed brick to correspond with the present building. Plans are being prepared. G. H. Galbraith is chairman of the Building Committee.

SCHOOL — 1 story and base, reinforced concrete, \$40,000. Patterson, Stanislaus Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Patterson School District. The building will cover a large ground area and has been designed to contain ten class rooms, assembly hall and principal's office. Interior finish will be of pine with maple and pine floor. There will be a plenum heating system and modern ventilation. Included in the work will be program clocks, and a bell system. Exterior of the building will be faced with cement plaster. A red clay tile roof will be used. Plans are being prepared and figures will be called for within a few weeks. Further mention will be made in these columns when bids are being called.

ORPHANS' HOME ADDITION — 1-

story and base brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, County Surveyor Scott McKay, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the County Supervisors for a one story brick building to be erected at the County Home for Orphans. Bids will be opened on December 2nd. Plans and full particulars can be obtained from D. N. Barnwell, County Clerk, Fresno. A check of 10 per cent must accompany each bid.

Contracts Awarded.

COUNTY HALL OF RECORDS — 1 story, base and mezzanine floor, reinforced concrete, \$45,000. Merced Co., Cal. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, Merced County. The following bids were opened at Merced on Tuesday, November 11th, for the construction of a one story and basement fireproof Hall of Records. The structure was designed by Architect C. H. Russell of this city. Separate figures were received for the general construction and for the heating and ventilating. Fred J. Amweg, 244 Kearny St., San Francisco, was the lowest bidder at \$35,995. No award of contract was made and all figures were taken under advisement. Merced Hall of Records—Campbell & Turner, \$40,980; Graham & Jensen, \$38,447; Johnson Bros. & Broline, \$34,495; Fred J. Amweg, \$35,995; George W. Boxton & Son, \$39,440. Heating and ventilating—Pacific Blower & Heating Co., steam, \$2,800; hot air, \$2,135.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story and base, frame, cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: W. H. Thompson, 806 North Hunter street, 2 2-story, frame, \$3,000 and \$2,800 each; C. H. Peterson, 825 North Commerce, 2 story frame, \$2,500; J. J. Molloy, 128 East Poplar, 2 story, frame, \$2,000; Kate F. Austin, East Main and American streets, 1 story frame bungalow, \$1,200; H. O. Toschischky, 125 South California street, 1 story, frame, \$1,500; H. W. Johnson, 423 Mariposa, 2 story frame, \$1,900, and Moore and White, South California, 2 story frame, \$3,200.

RESIDENCES — 1 and 2 story and base, frame. Cost not stated. Sacramento, Cal. Architects, none. The following Day Labor jobs are reported as about to be started in Sacramento: J. Harry Wygant, 1227 I street, 2 story, frame, \$3,000; A. Andrew, Palmetto and Terrace ave., 1 story, frame, \$1,500, and H. H. Sanders, 2764 Monterey ave., 1 story, frame, \$1,700.

COURT HOUSE ALTERATIONS—Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, San Joaquin County. This work will consist of extensive alterations to the County Clerk's office in the County Court House. Included in the work is a large amount of cabinet work, oak finish, one Tucker Alarm draw, marble and tile work and electric work. Plans have

been completed and figures are now being taken. Plans and specifications can be secured from the architect.

LODGE HALL, STORES AND OFFICES—4 story and base, reinforced concrete, \$135,000. Sacramento, Cal. Architect, Washington J. Miller, 45 Kearny st., S. F. Owners, Sacramento Native Sons' Hall Association. Architect Washington J. Miller has been commissioned to prepare plans for a large reinforced concrete building which will be erected by the Sacramento Native Sons' Hall Association on their property at the northwest corner of 11th and J streets in Sacramento. The structure will cost, in the neighborhood of \$135,000 and has been designed in the Florentine style. Construction will be practically fireproof. There will be one large store on the first floor. Banquet room will occupy the basement. Second and third floors will be arranged for lodge rooms, social halls and parlors. The fourth floor will be arranged for modern offices fitted up for physicians and dentists. Interior partitions and floors will be of fireproof construction. Plans provide for steam heat, elevator service and a vacuum cleaning system. Considerable marble and tile work will be used. Exterior of the building will be faced with cement plaster. Figures will be called for as soon as plans can be completed.

STORE ALTERATIONS—Brick construction, \$10,000. Sacramento, Cal. Architect, Charles E. Wallace, Consumers' Ice Co., Sacramento. Owners, Consumers' Ice Co. This work will include new interior finish, plumbing, electric work and painting. The building is located on Lot 7 between 8th and 9th streets. Some exterior brick work will be called for in the contract. Plans are complete and the work will be done by Day Labor.

Building Contracts.

SACRAMENTO COUNTY.

N ¼ OF LOT 8, E, G, 26TH AND 27TH STS., Sacramento. One-story 5-room bungalow with sleeping porch. Owner.....Gilbert W. Richards, 907 18th St., Sacramento.

Architect...None.
Contractor...John A. Silva, 415 11th St., Sacramento.

COST, \$2264

PAINTING ON ABOVE,
Contractor...Capitol Paint Co., 719 J St., Sacramento.

COST, \$230

PLUMBING ON ABOVE.
Contractor...J. H. Cummins.

COST, \$240

Filed Nov. 3, '13. Dated Nov. 1, '13.

LOT 7, C, D, 8TH AND 9TH STS., Sacramento. Alter building.
Owner.....Consumers' Ice & Cold Storage Co.

Chief Engineer...Chas. E. Wallace.
Day's work.

COST, \$10,000

LOT 1 Mier & Sowell High School Trct Sacramento. Erect dwelling.
Owner.....Frank D. Agostine, 1517 4th St., Sacramento.

Architect...None.

Contractor...Peter Leoni, 1114 P St., Sacramento.

COST, \$1500

Lot 165 West Curtis Oaks, Sacramento. Building.

Owner.....W. W. Harlan and Docil A. Harlan.

Architect...None.

Contractor...W. T. Feagan.

COST, \$3565

Filed Nov. 3, '13. Dated Oct. 28, '13.

LOTS 7 AND 8 V, W, 5TH AND 6TH STS., Sacramento. Two-story stable.
Owner.....E. W. Book, 2911 H St., Sacramento.

Architect...None.

Contractor...McLaughlin Draying Co., 1009 Front St., Sacramento.

COST, \$6800

Filed Nov. 1, '13. Dated Nov. 1, '13.

LOT 8, L, J, 30TH AND 31ST STS., Sacramento. Repair fire damage to dwelling.

Owner.....Mrs. Caroline Davis, 927 30th St., Sacramento.

Architect...None.

Contractor...G. E. Harvie, 2212 T St., Sacramento.

COST, \$1200

LOT 95 and N ½ Lot 96 West Curtis Oaks, Sacramento. One and one-half-story frame.

Owner.....Otto M. Fancher, 1503 L St., Sacramento.

Architect...None.

Contractor...H. A. W. Lindgreen, 3740 Magnolia, Sacramento.

COST, \$2600

Filed Nov. 6, '13. Dated Nov. 5, '13.

LOT 1, R, S, 4TH AND 5TH STS., Sacramento. Alter dwelling.

Owner.....Aki Co., K. O. Aki, 4th and L Sts., Sacramento.

Architect...None.

Contractor...Barton & Hite.

COST, \$1200

S 130 FT. LOTS 5, 6, 7TH, 8TH, K, L, 18th and 19th Sts., Sacramento. Erect high school.

Owner.....City of Sacramento, City Hall.

Architect...E. C. Hemmings, Theatre Diemenbrock, Sacramento.

Contractor...McGillivray Constr. Co., 1007 7th St., Sacramento.

COST, \$55,500

LOT 23 East End Add'n., Sacramento. Erect dwelling.

Owner.....J. J. Jennings, 2903 35th St., Sacramento.

Architect...None.

Contractor...Best & Stubbe, 3712 Palmetto Ave., Sacramento.

COST, \$1800

LOT 13 East End Add'n., Sacramento. Erect dwelling.

Owner.....J. J. Jennings, 2903 35th St., Sacramento.

Architect...None.

Day's work.

COST, \$1800

LOT 405 Wright & Kimbrough Sub No. 17, Sacramento. Erect dwelling.

Owner.....James Walker, 916 29th St., Sacramento.

Architect...None.

Contractor...Robert W. Powell, 2811 T St., Sacramento.

COST, \$2500

LOT 6505 LOS ACAMITOS TCT, N, Y,
21st and 22nd Sts., Sacramento. Erect
dwelling.
Owner.....J. Harry Wygant, 1227 I
St., Sacramento.
Architect...None.
Day's work. COST, \$3600

LOT 6 S. T, 15TH and 16TH STS., Sacra-
mento. Erect dwelling.
Owner.....Fred J. Johns, 923 9th St.,
Sacramento.
Architect...None.
Contractor...G. E. Harvie, 2212 T St.,
Sacramento.
COST, \$4500

W ½ OF LOT 6, S. T, 15TH and 16TH
Sts., Sacramento. Erect dwelling.
Owner.....Fred Johns.
Architect...None.
Contractor...G. E. Harvie, 2212 T St.,
Sacramento.
COST, \$3850
Filed Oct. 31, '13. Dated Oct. 30, '13.

LOT 14 BLK "F" Fairmont Tract, Sacra-
mento. Erect dwelling.
Owner.....A. Andrew, Palmetto and
Terrace Ave., Sacramento.
Architect...None.
Day's work. COST, \$1500

LOT 1125, Elmhurst. Erect dwelling.
Owner.....R. H. Sanders, 2764 Mon-
terey Ave., Sacramento.
Architect...None.
Day's work. COST, \$1750

LOTS 5, 6, 7, 8, K, L, 18TH and 19TH
Sts., Sacramento. School building.
Owner.....High School Board of Sacra-
mento.
Architect...None.
Contractor...McGillivray Constr. Co.,
1007 7th St., Sacramento.
Also Sub-Contractors.
Filed Nov. 10, '13. Dated Nov. 7, '13.
COST, \$55,436

LOT 22, East End Add'n, Sacramento.
Erect dwelling.
Owner.....J. J. Jennings, 2903 35th
St., Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 2720 41st
St., Sacramento.
COST, \$1800

LOT 117 Oak Grove, Sacramento. Erect
dwelling.
Owner.....L. M. Maker, 3209 7th Ave.,
Sacramento.
Architect...None.
Contractor...J. E. Harris, 1114 P St.,
Sacramento.
COST, \$1300

LOT 2 Buena Vista Tct., Sacramento.
Erect dwelling.
Owner.....H. Uhl, Uhl Court, Sacra-
mento.
Architect...None.
Day's work. COST, \$1400

ON E ½ LOT 3 Q, R, 29TH and 30TH
Sts., Sacramento. Erect dwelling.
Owner.....Cologero Di Giovanni, 416
T St., Sacramento.
Designer...Peter Leoni.
Contractor...Peter Leoni, 1415 P St.,
Sacramento.
COST, \$1600

S 105 FEET LOT 4, I, J, 7TH and 8TH
Sts., Sacramento. Remodel Building.
Owner.....W. F. Gormley, Dr. T. J.
Cox and J. E. Beach, 801 I
St., Sacramento.

Architect...Geo. C. Sellon, 1005 K St.,
Sacramento.
Contractor...Campbell & Turner, Och-
sner Bldg., Sacramento.
COST, \$50,000

S ¼ LOT 4, W, X, 18TH and 19TH STS
No. 6232 Mission Trecho, Sacramento.
Erect dwelling.
Owner.....S. E. Bost, 3226 37th St.,
Sacramento.
Architect...Anna Crabbe Walters,
1602 ½ J St., Sacramento.
Contractor...W. E. Stevens, 2812 33rd
St., Sacramento.
COST, \$1750

E ½ LOT 6, D, E, 30TH and 31ST STS.,
Sacramento. Erect dwelling.
Owner.....J. A. Latham, 3027 E St.,
Sacramento.
Architect...W. D. McKoy, 826 17th St.,
Sacramento.
Contractor...W. D. McKoy, 826 17th St.,
Sacramento.
COST, \$2200

LOT 31 T COURT, Sacramento. Erect
dwelling.
Owner.....C. H. Chatterton, 3126 T
St., Sacramento.
Architect...None.
Day's work. COST, \$2600
LOT 48 WEST CURTIS OAKS, Sacra-
mento. Erect dwelling.
Owner.....J. C. Lewis, 2205 3rd Ave.,
Sacramento.
Architect...None.
Contractor...C. H. Chatterton Bros.,
3120 T St., Sacramento.
COST, \$2600

LOT 6505 LOS ACAMITOS TCT, Sacra-
mento. Erect one-story frame barn.
Owner.....J. Harry Wygant, 1227 I
St., Sacramento.
Architect...None.
Contractor...W. K. Bartges, 2009 G St.,
Sacramento.
COST, \$700

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 16 BLK "C" W, Stockton. Erect
frame building.
Owner.....W. H. Thompson, 806 N-
Hunter St., Stockton.
Architect...None.
Day's work. COST, \$3000

LOT 13 BLK 4, The Oaks, Stockton.
Erect frame building.
Owner.....C. H. Peterson, 825 North
Commerce St., Stockton.
Architect...None.
Day's work. COST, \$2500

LOT 10 BLK 78 W, Stockton. Remodel
frame building.
Owner.....J. J. Molloy, 128 E-Poplar
St., Stockton.
Architect...None.
Day's work. COST, \$2000

LOT 9 and E ½ of Lots 15 and 16 Blk
15, Stockton. Frame building.
Owner.....Kate F. Austin, E-Main &
American Sts., Stockton.
Architect...None.
Day's work. COST, \$1200

LOT 10 BLK 7, The Oaks, Stockton.
Erect frame building.
Owner.....H. O. Toschlwsky, 125 S-
California St., Stockton.
Architect...None.
Day's work. COST, \$1500

LOTS 11 AND 12 BLK 16 ½ W, Stockton
Remodel frame building.
Owner.....Stockton Lumber Co., 347 S
Commerce St., Stockton.
Architect...None.
Day's work. COST, \$400

LOT 8 BLK 32 E, Stockton. Erect cor-
rugated iron addition.
Owner.....M. Perry, 229 S-Monroe St.,
Stockton.
Architect...None.
Day's work. COST, \$1000

LOTS 1 AND 3 BLK 285 E, Stockton.
Erect corrugated iron building.
Owner.....G. Geiger, 1030 N-Baker
St., Stockton.
Architect...None.
Day's work. COST, \$3000

LOT 5 BLK "C" W, Stockton. Erect
frame building.
Owner.....W. H. Thompson, 806 N-
Hunter, Stockton.
Architect...None.
Days work. COST, \$2800

LOT 3 BLK 27 E, Stockton. Remodel
brick building.
Owner.....H. T. Higgenbotham, 807
N-Madison St., Stockton.
Architect...None.
Day's work. COST, \$500

LOT 7 and W 50 Lot 5 Blk 196, Stockton
Erect frame building.
Owner.....H. W. Johnson, 423 Mari-
posa St., Stockton.
Architect...None.
Day's work. COST, \$1800

LOT 13 BLK 60 W, Stockton. Erect
frame building.
Owner.....Moore & White, S-Califor-
nia St., Stockton.
Architect...None.
Day's work. COST, \$3200

N ¼ LOTS 10 AND 12 BLK 36 W OF
Center St., Stockton. All work for
one-story frame residence.
Owner.....Frank Poletti, Stockton.
Architect...None.

Contractor...Chas. Garfield, Stockton.
Filed Nov. 1, '13. Dated Oct. 28, '13.
Foundation in \$ 100
Frame up 100
Plastering done 200
House completed 100
Usual 35 days. 1630
TOTAL COST, \$2130
Bond, none. Limit, 70 days. Forfeited,
none. Plans and specifications filed.

LOTS 8 AND 10 BLK 286, Stockton.
Galvanized iron building.
Owner.....Oro Electric Co., West
Main St., Stockton.
Architect...None.
Day's work. COST, \$750

LOT 2 BLK 34 E, Stockton. Two-story
frame building.
Owner.....O. B. Dohson, 1406 East
Washington St., Stockton.
Architect...None.
Day's work. COST, \$3500
N ½ LOTS 10 AND 13 BLK 36 W,
Stockton. Erect frame building.
Owner.....Frank Poletti,
Architect...None.
Day's work. COST, \$2100

LOT 6 BLK 264 E, Stockton. Frame
building.



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Owner.....Frank Vieira, 1429 East Sonora St., Stockton.

Architect...None.
Day's work. COST, \$3000

LOT 16 BLK 307 E, Stockton. Frame building.

Owner.....Ellis Tower.
Architect...None.
Day's work. COST, \$350

LOT 47 BLK 112 S M C, Stockton. Erect frame building.

Owner.....D. Defferius, 620 E-Washington, Stockton.
Architect...None.
Day's work. COST, \$1950

LOT 18 BLK 6, Yosemite Terrace, Stockton. Frame building.

Owner.....Mrs. Sella Campbell.
Architect...None.
Day's work. COST, \$3000

LOT 13 BLK 38 W, Stockton. Frame building.

Owner.....G. P. Pardini.
Architect...None.
Day's work. COST, \$1000

LOT 5 BLK 71 W, Stockton. Addition to frame building.

Owner.....E. M. Smith.
Architect...None.
Day's work. COST, \$400

S ½ LOTS 10 AND 12 BLK 4, The Oaks, Stockton. Frame building.

Owner.....Miss C. Gnekow.
Architect...None.
Day's work. COST, \$2500

N ½ LOTS 10 AND 12 BLK 4, Stockton. Frame building.

Owner.....W. I. Nitler.
Architect...None.
Day's work. COST, \$2500

LOS ANGELES AND SOUTHERN CALIFORNIA.

BANK AND OFFICES—5 story and base, Class A construction. Cost not stated. Santa Ana, Orange Co., Cal. Architects, T. Beverley Keim, Jr., & Co., Los Angeles Investment Bldg., L. A. Owners, Farmers' and Merchants' Bank of Santa Ana. The building will be erected on one of the principal business corners having a frontage of 50 feet on one street and 100 feet on the other. Construction will be fireproof with a steel frame, reinforced concrete floors, walls and roof slabs. First floor will be occupied by the bank. Upper floors will contain a large number of offices. Interior of the banking rooms will be finished in tile, marble and hardwoods.

There will be special coin and safe deposit vaults. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with pressed brick. Plans are being prepared.

HOTEL—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Train and Williams, Exchange Bldg., L. A. Owners, F. W. Wachter and associates. The building will be erected on north 4th street east of San Pedro having a frontage of 75 feet by a depth of 95 feet. Plans provide for four stories and the hotel entrance on the first floor. Upper floors will be subdivided into 60 guest rooms and a number of public and private baths. Interior finish will be of pine throughout. There will be steam heat a hot water system and vacuum cleaning. All rooms will be provided with lavatories. Bath rooms will have composition floors and tile wainscot. Patent store fronts and plate glass windows will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, S. Tilden Norton and F. H. Wallis, Title Insurance Bldg., L. A. Owners, W. M. Gottschalk and A. Sieroty. The building will cover an area of 47 by 83 feet and will contain 5 stores in the 1st story and 48 guest rooms and 12 bath rooms in the upper stories. Pressed brick facing, structural steel, plate glass windows, galvanized iron cornice, composition roofing, fire escapes, pine trim and floors, lavatory in each room, steam heat, plumbing, elevator, metal bath, vacuum cleaning, electric wiring, etc. Plans are complete and the work will be done by Day Labor.

SCHOOL—1 and 2 story and base, brick, \$30,000. Glendora, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Glendora School District. The building will be erected in a central portion of the city and has been designed to contain ten standard size class rooms, principal's office, assembly room and teachers' rooms. The interior will be finished in pine with maple and pine floors. Plans provide for steam heat and vacuum cleaning. Marble will be used. There will be a program clock system. Exterior of the building will be faced with pressed brick. Plans are being prepared. Further mention will be made of this work when figures are called.

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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Contracts Awarded.

CHURCH—1 story and base, brick and steel, \$100,000. Long Beach, Los Angeles Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Congregational Church of Long Beach. Contractors, Kling Co., Union League Bldg., L. A. general construction. Contract price, \$100,000.

LODGE HALL—2 story and base, and steel. Cost not stated. Glendale, Los Angeles Co., Cal. Architect, Paul V. Tuttle, Delta Bldg., L. A. Owners, Glendale Masonic Temple Association. Contractor, E. D. Yard, 127 North Maryland street, Los Angeles. Contract price not stated.

SCHOOL—2 story and base, brick, \$76,718.86. Long Beach, Los Angeles Co., Cal. Architect, A. B. Sturges, Story Bldg., L. A. Owners, Long Beach School District. Contractor, J. W. Davison, 325 Walnut street, Long Beach, general construction; Long Beach Plumbing Co., plumbing, \$6,822; Southern California Electric Co., Long Beach, electric work, \$1,317; The Long Beach Improvement Co., heating and ventilating, \$9,934.

SCHOOL—2 story and base, brick, \$41,500. Brawley, Imperial Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Brawley School District. Contractor, James Martin, Selma, general construction, \$44,500; Wormell and Drawbaugh, Pasadena, painting, \$1,968; Standard Electric Time Co., L. A., program clock, \$477.50.

STORES AND LOFTS—5 story and base, Class B construction, \$110,000. Los Angeles, Cal. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owners, Bensinger Estate. Contractor, Carl Leonard, H. W. Hellman Bldg., L. A., general construction. Contract price, \$110,000. Note—This work does not include plumbing, heating, electric work, elevators and automatic sprinkler system.

PORTLAND AND OREGON.

VIADUCT AND BRIDGE—Reinforced concrete construction. Cost not stated. Multnomah Falls, Ore. Engineer, Samuel C. Lancaster, County Engineer Multnomah County, Portland. Owners, Multnomah County. The combination bridge and viaduct will be built around a rocky point and will be 400 feet in length. Construction, including piers, and approaches will be of reinforced concrete. Plans have received the approval of the Board of Supervisors and are now out for figures. Plans, speci-

fications and full particulars can be secured from the County Engineer.

STABLE BUILDING—2½ story and base, brick and mill construction, \$20,000. Portland, Ore. Architects, C. A. Houghtaling & Co., Henry Bldg., Portland. Owner, Robert O'Neil. The building will be erected on the east side and will cover an area of 100 feet square. Construction will be of brick and mill type with brick walls and heavy timber floors and joists. No interior finish will be used. Exterior will be faced with stock brick. Plans are complete and figures will be called for about November 20th.

LODGE HALL—2 story and base, brick, \$10,000. Sheridan, Ore. Architect, L. R. Bailey Co., Abingdon Bldg., Portland. Owners, Almonie Lodge of Sheridan. The structure will be 53x85 in size, and will have concrete foundations. A face brick will be used in the front and work has already been started on the foundation. The first floor will be used for store purposes while the two upper floors will be used for lodge and office purposes. Plans will be completed in about three weeks, when bids will probably be called for.

HOTEL—2 story and base, brick, \$35,000. Portland, Ore. Architect, Robert Tegan, Morgan Bldg., Portland. Owner, A. L. Parkhurst. This work has been mentioned here before. The building will be erected at the corner of Second and Couch street and will be arranged for stores on the first floor with hotel rooms above. Interior finish will be of pine throughout. Plans provide for steam heat. A number of the rooms will have private baths. Hot and cold running water will be supplied to all rooms. Bath rooms will have cement floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans have been revised and new figures will be called for at once.

Contracts Awarded.

FLOUR MILLS—Reinforced concrete, \$60,000. Astoria, Ore. Architect, none. Owners, Astoria Flouring Mills, Astoria. Contractor, C. L. Houston, Astoria, general construction. Contract price \$60,000.

SEATTLE AND WASHINGTON.

FACTORY—2 story and base, reinforced concrete, \$25,000. Seattle, Wash. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owners, A. F. Ghigliotto & Sons. The building will cover an area of 90 by 105 feet and will be practically fireproof with reinforced concrete walls, floors and interior partitions of hollow tile. Plans provide for elevator service, fireproof doors, and metal window sash and frames. A steam heating and drying system will be installed. Interior of the building will be finished in pine. About \$5,000 worth of special machinery will be installed. Exterior will be faced with cement plaster. Plans and specifications will be complete by December 1st. A general contract will be let.

RAILROAD COMMISSARY BUILDING—2 story and base, steel and concrete, \$30,000. Seattle, Wash. Architect, A. R. Cook, Chief Engineer N. P. R. Co., Seattle. Owners, Northern

Pacific Railroad Co. The building will be erected on the King street property of the company and will cover an area of 40 by 190 feet. Construction will be fireproof throughout with a steel frame, reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. Interior will be finished in pine throughout. There will be steam heat. Considerable white porcelain and terra cotta tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

SCHOOL—Group of 1 and 2 story, reinforced concrete buildings, \$300,000. Cheney, Wash. Architect, Julius Zittel, Jamieson Bldg., Spokane. Owner, State of Washington. This group has been designed for a State Normal School. Construction will be fireproof with steel frames and reinforced concrete walls and floors. All modern conveniences will be installed. Exterior will be faced with cement plaster. Plans are complete and separate figures are now being taken on the general construction, plumbing, heating and electric work. Bids will be opened on November 29th. The principal at Cheney or the architect will furnish full particulars.

WATER MAINS AND TUNNEL WORK—\$300,000. Engineer, A. H. Dimock, City Engineer, Seattle. Owners, City of Seattle. Plans have been completed by the City Engineer, A. H. Dimock for the construction of two 150 ft. shafts and a 900 ft. tunnel for water mains under Lake Union from 7th avenue and East Lake to 7th avenue and North Lake at a total cost of \$300,000, divided as follows: Shafts \$80,000, tunnel \$220,000. It is expected that bids will be called for in the near future. The shafts will be from 16 to 17 feet inside diameter and will take 1627 cubic yards of concrete for lining. The tunnel, which will be 12 ft. in diameter, is built primarily for a 42 inch watermain.

THEATRE—2 story and base, reinforced concrete, \$10,000. Seattle, Wash. Architect, J. A. Creutzler, New York Bldg., Seattle. Owner, Ole Hansen. This building will be erected at the corner of 15th avenue and Republican street covering a ground area of 36 by 120 feet. Construction will be fireproof throughout with reinforced concrete floors, walls and roof slabs. Interior will be finished in pine and metal with some ornamental plaster. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster and terra cotta. Plans are being prepared and contracts will be let as soon as the working drawings can be completed.

THEATRE—1 story and base, Class A construction, \$125,000. Seattle, Wash. Architects, Beezer Bros., or E. W. Houghton, Seattle. Owners, Jensen and Von Herberg, Alhambra Theatre, Seattle. The building is to be erected on 1st avenue north of Pike. The owners have not commissioned either of the architects as yet but state that one or the other of these firms will prepare plans. Further information will be given in these columns when plans are selected.

OKLAHOMA HAS BIG GAS PRODUCTION.

Oklahoma enjoyed in 1912 her most prosperous year in the history of her natural-gas industry. The frequent advances in the price of crude petroleum gave an impetus to drilling and resulted in the extension of oil territory and the discovery of some gas pools of considerable importance. There were 329 producing gas wells completed during the year, making a total of 870 productive wells in the State at the close of 1912.

The total production of natural gas in Oklahoma in 1912, as estimated by David T. Day, of the United States Geological Survey, was 73,739,319,000 cubic feet, valued at \$7,406,528, or 10.01 cents per thousand cubic feet, compared with 67,276,608,000 cubic feet, valued at \$6,731,770, or 10.01 cents per thousand cubic feet, in 1911.

Since large quantities of gas are consumed in Oklahoma for both domestic and industrial purposes at a flat rate, no meters being used, it is impossible to arrive at the exact quantity of gas consumed, but it is estimated that in 1912 there was used for domestic purposes 5,600,062,000 cubic feet, compared with 5,816,723,000 cubic feet in 1911. The estimated quantity of gas consumed for industrial purposes in 1912 was 33,049,341,000 cubic feet, compared with 22,397,148,000 cubic feet in 1911.

Much of the gas produced from the oil wells of Oklahoma is wasted, but where this "casing-head" gas is found to be rich in gasoline several plants have been installed for the extraction of the gasoline. This has become a considerable industry, as there is a ready sale for the product. At the close of 1912 there were twelve of these plants in operation, compared with nine at the close of 1911.

GOLD PLACERS IN ALASKA.

During the summer of 1912 Henry M. Eakin, of the United States Geological Survey, visited the Ruby, Innoko, and Iditarod districts in Alaska, and a report on the gold placers in those districts has been issued by the Survey as Bulletin 542-G. The mining center of the Ruby district is about 25 miles south of Yukon River at Ruby and comprises half a dozen creeks, all within an area a few miles square. The first discovery of gold in this district was probably that made on Ruby Creek in 1907, near the site of the present town. This discovery proved to be of no great importance, and it was not until 1910 that the discoveries on Long Creek and its tributaries created widespread interest in the region. Exact data regarding the amount of gold produced in the district are not available, but the total in 1912 was probably between \$150,000 and \$175,000.

The Innoko-Iditarod region lies in west-central Alaska and embraces most of the upland area north of Kushovim River that is drained by Innoko and Iditarod rivers. In all 21 claims, located on five creeks, were worked in the Innoko district in 1912, by a total force of about 140 men. The total value of the placer gold produced during the year in the district was probably in excess of \$250,000.

Twenty-nine claims, located on eight different creeks, were worked in the Iditarod district in 1912. Thirty-six

panas were engaged in the work, and about 975 men were employed. The value of the total gold production of the district, including Moore Creek, for the year was probably about \$2,750,000.

EXPOSITION WORK PROGRESSING RAPIDLY.

At the present time, the Court of the Four Seasons is the farthest advanced of any of the five great interior courts of the main group of exhibit palaces at the Panama-Pacific International Exposition. This court is the one west of the Court of Sun and Stars, the principal of all, in the center of the group, and its concrete walls are up to the cornice line of the Palace of Education and of Food Products, which bound it on the west, and up to the spring line of the arch, on the east, where it abuts against the Palace of Agriculture and of Liberal Arts.

Like the other courts, the Court of the Four Seasons has concrete walls, in order that it may act as a fire resistant in case flames should break out in one of the four palaces about it. It was designed by Henry Bacon of New York, and is to be executed in Roman Ionic style, modified with a touch of modern detail. It is 340 feet square and is open to the north, and to the Bay of San Francisco, by way of a colonnaded avenue, 473 feet long and 171 feet wide. Through a passage in a great niche or half-dome, at the south end, it opens into the Court of Palms, designed in Italian style by George W. Kelham.

The installation of the electric conduits for transmission of light and power at the Panama-Pacific International Exposition has kept pace with the rapid progress of construction work in general. The general distributing cables for the trunk system and all the operating apparatus are in order, and also the apparatus for the decorative lighting, such as projectors and the like. Shipments of the latter will be made next year, long before needed.

The conduits for the trunk system is the concessions and in the states and foreign districts of the grounds are completed and it only remains now to put in the service leads. The system is as far advanced in the main exhibit district as the progress of work on the palaces and the piles of lumber will permit.

Plans for the wiring in the Court of the Four Seasons and in the Court of the Sun and Stars have been completed and bids for the same have been called for.

The curbs of the roads and walks throughout the grounds of the Exposition are being placed rapidly. They are well advanced in the concessions and in the main exhibit districts and are being extended into the states and foreign district.

Colonel George W. Goethals, Chief Engineer of the Isthmian Canal Commission, will preside over the Engineering Congress which is to be held at the Panama-Pacific International Exposition from September 20th to 25th, 1915.

This great Congress will be held under the auspices of the American Society of Civil Engineers, the American Institute of Mining Engineers, the American Society of Mechanical En-

gineers, the American Institute of Electrical Engineers, and the Society of Naval Architects and Marine Engineers. Engineers from all over the world have signified their intention of attending and the delegation from Great Britain promises to be large in point of numbers and great in distinction.

A tentative schedule of general sessions has been formulated and the following sections will be considered:

The Panama Canal; Waterways and Irrigation; Railways; Municipal Engineering; Materials of Engineering; Construction; Mechanical Engineering; Electrical Engineering; Mining Engineering; Naval Architecture and Marine Engineering; Military Engineering; Miscellaneous.

Each of these sections will hold independent sessions during the congress, such joint sessions as may be deemed advisable will also be called. On account of the convention of the International Congress of Electrical Engineers, just prior to the International Engineering Congress, the activity of the later in the field of Electrical Engineering of contact between Electrical Engineering and other engineering phenomena and work.

GREATEST MINERAL PRODUCTION IN HISTORY.

Final Figures of the United States Geological Survey for 1912 Show Enormous Total of Two and a Quarter Billion Dollars.

All records have been broken in the great mineral production of the United States for the year 1912. The boom year of 1907 has heretofore been considered the banner year of American mineral output, with a total value of \$2,072,666,639, but even this great figure was exceeded in 1912 by over \$170,000,000. As compared with 1911, the increase in 1912 is \$316,098,198, or 16.40 per cent. These figures are shown in a summary of the mineral production of the United States for 1912, compiled by W. T. Thom, of the United States Geological Survey, now in press.

As heretofore, iron and coal are the most important of our mineral products. The value of iron (pig iron being the basis of valuation) in 1912 was \$120,563,388; the value of coal was \$695,606,671. The value of the fuels—coal, natural gas, and petroleum—increased from \$835,231,497 in 1911 to \$943,972,362 in 1912, a gain of \$108,740,865. Coal showed an increase in value of \$69,040,866, from \$626,565,211 in 1911 to \$695,606,671 in 1912.

The production of metals increased in value \$186,571,303, from \$608,531,782 in 1911 to \$867,103,085 in 1912. The nonmetals increased 129,276,895, from \$1,216,759,316 in 1911 to \$1,376,027,241 in 1912. The unspecified products, including cadmium, selenium, rutile, uranium, vanadium, and other minerals, valued at \$500,000, increased \$250,000, bringing the total value of the mineral production for 1912 up to \$2,213,639,326.

The production of pig iron in 1912 gained more than \$93,000,000, or 28 per cent; ferro-alloys gained nearly \$4,000,000, or about 46 per cent; silver gained more than \$6,000,000, or 20 per cent; copper gained about \$68,000,000, or nearly 50 per cent; zinc gained nearly \$11,000,000, or 41 per cent; and aluminum gained nearly \$4,000,000, or

47 per cent. Gold, which lost about \$3,500,000, was the only important metal to show a decrease. Among the nonmetals bituminous coal gained approximately \$67,000,000, or about 15 per cent; anthracite coal gained more than \$2,000,000; natural gas gained almost \$10,000,000, or 13 per cent; petroleum gained nearly \$30,000,000, or 22 per cent; clay products gained more than \$10,000,000, or 6.5 per cent; and sulphuric acid from copper and zinc smelters (a product mined as it were out of the air and changed from a destructive waste to an absolute gain) increased \$15,000,000, or 55 per cent.

NEW YORK'S MAGNIFICENT BUILDINGS.

Further, I can trace a clear connection between the scrupulous care of the body and the style of architecture which has given New York and Washington the finest railway stations in the world, and New York a Postoffice which takes one's breath away with admiration for its Greek perfection of simplicity and strength. Amid the squalor of Eighth avenue there has arisen the wonder of the new world. Raised well above the street level and approached by notable steps, is a portico of twenty Ionic columns, the longest I remember to have seen. Simply that, nothing to lessen the dignity of their just balance or to mar their beauty, unsmiling, yet not austere: Along the architrave runs this inscription: "Neither snow nor rain nor heat nor gloom of night stay these couriers from the swift completion of their appointed rounds." That exactly matches the reticence of the conception. Nothing could better correct the European misjudgement of the American character than this magnificent public building, fit to be set beside the finest of ancient or modern temples.

The outside of the Pennsylvania Railway station opposite is made to look commonplace by this unexpected recapture of the Greek spirit in architecture. But passing through its lofty corridors and ample halls, I have felt the same content. As one snuffs up salt air at the sight of the sea, filling the lungs with its vigorous tang; so there is a deep-breathing of the soul when the eye and the imagination are suddenly delighted. Both here and in the new Grand Central Station there is a largeness of conception, a shaking-off of the bondage of "good enough," a bold soaring toward a great aim. The men who planned and built them must be men with a passion for harmony and order. The people who daily pass through them cannot but feel its influence and live in a finer, freer air.

The floors are so clean that (in farm house phrase) "you could eat your dinner off them." The mind is soothed by the spacious calm of the halls, the quietly perfect organization, the neat spick-and-span convenience of ticket and baggage counters, dining-rooms, buffets, bookstalls, information offices. The spotless white caps of the officials are allegorical. They are emblems of the ideal aimed at by the most excellent railway stations the world has yet seen. Stations where there is no opening for the scramble and rush which usually disturb the traveler. Stations for supermen who move calm and certain to their appointed ends.

The white new City Hall in New

York, the cream-and-gold splendor of the Woolworth tower near by, reflect the same ideal, an ideal of cleanliness and good order without and within. What is it but this, too, which drags scandals to the light and is sweeping out the foul stables of public life? Do you not see now the connection between it and "a room with a bath?"—H. Hamilton Fyre in *London Daily Mail*.

TO PREVENT WHITE ANTS FROM ATTACKING WOOD.

WASHINGTON, D. C., Nov. 12.—The Bureau of Entomology, through its Branch of Forest Insects under the charge of Dr. A. D. Hopkins, has been conducting experiments with wood treated by various methods to determine how they may be protected from injury by our native white ants. Experiments are also under way to determine the immunity or relative resistance of various native and tropical species of untreated wood to white attack.

The specialist in charge of these experiments has submitted a report on the treated and untreated woods, which have been subjected to attack from white ants for from 5 to 12 months. Yellow pine stakes charred by burning for about five minutes were attacked at the end of one year, and this treatment only delays attack. Yellow pine stakes impregnated by the "open tank" method, with coal tar and wood creosotes; dipping and brush treatments with wood and coal tar creosotes; and stakes treated by two closed cylinder pressure processes with several different creosote compounds were not attacked at the end of one year. Untreated alternating check stakes were attacked by white ants.

An examination of test blocks, showed that after being buried in the ground with infested logs for nearly 6 months some of the blocks impregnated with paraffine wax were attacked by white ants while wood treated with chlorinated naphthalene was not attacked. Untreated teak, greenheart and peroba test blocks—all tropical woods—were not attacked, while untreated white and red oak, sugar maple, birch, and red gum were attacked and more or less seriously damaged.

CO-OPERATION IN ITALY.

Co-operation in Italy has gone beyond mere buying and selling. It has invaded the building trade and has even undertaken construction of railroads. This is a new development of the labor movement which has so alarmed contractors that they have started a campaign for exclusion of co-operative labor organizations from public work and have provoked counter demonstrations. The co-operators profess to aim at making no profit from the state, but to secure adequate wages, to give good work and to prevent speculation.

The movement has gained such strength that the latest official statistics, which are for the year 1910, show the existence of 1017 co-operative associations, 751 of which have 95,000 members, a capital of \$70,000 and reserve funds of \$300,000. There are 326 agricultural societies, 263 of which have over 55,000 members,

\$280,000 capital and \$135,000 reserve funds.

Between 1889 and 1909 these organizations had executed contracts with the state for public work to the amount of \$14,930,000 and for provinces and cities to the amount of \$3,620,000. During the last two years they have completed public contracts involving nearly \$5,000,000. A circle of these societies improved the basin of the Reno at a cost of about \$2,000,000 and other societies have taken the contract to build the Reggio-Clano Railroad. They finance their own work and share the proceeds among the members. They are favored by the state through not being required to give the money guarantees demanded of individual contractors.

But it would be interesting to know how they reach an agreement on an equitable division of the proceeds of a contract. Do they concede that the brains and skill of the director of a \$2,000,000 contract, of the foreman over each gang of men and of the men who manage the finances are worth more than those of the manual laborer? That has been the stumbling block in the way of many co-operative enterprises. It would be interesting to know how dissension is avoided.—Portland Oregonian.

Completion of a Great Engineering Work.

The completion of the Los Angeles aqueduct marks the successful ending of an arduous struggle with nature in its most rugged aspects of mountain and desert, and with powerful and subtle private interests for the possession of a priceless supply of water. The ten aqueducts of ancient Rome were marvels of engineering skill and durability; but their construction stretched over a period of five centuries, against the eight years that have elapsed since the Los Angeles aqueduct was first proposed, and the length and dimensions of the ancient Roman aqueducts bear no comparison with that of modern Los Angeles. The longest of the Roman aqueducts was 62 miles, while the Los Angeles aqueduct is 254 miles in length from the intake on Owens River to the city limits of Los Angeles. The irrigation aqueducts of the Incas Indians of ancient Peru, one of which was 350 miles long, are among the wonders of the world, especially so when it is considered that they were constructed by a people uninformed as to modern engineering science and its methods, but these probably exhausted centuries of time. The 350 miles of iron pipe line, 30 inches in diameter, which conveys water across the arid plains of western Australia to the gold mining districts of Kalgoorlie and Coolgardie, is one of the triumphs of modern constructive hydraulic engineering; but this construction, although in a hot and waterless country, was comparatively level, while the Los Angeles aqueduct bores through miles of mountains of solid rock, crosses valleys on pillars of concrete in some places, and through huge steel siphons in others, and is of far greater dimensions than the notable Australian structure.

The great Ashokan aqueduct to supply the city of New York, now in course of construction, is the only modern

hydraulic enterprise intended mainly for domestic and industrial use, that compares fairly with the Los Angeles aqueduct. The New York aqueduct crosses the Hudson over a thousand feet beneath the river bed, and it will furnish the metropolis with 500,000,000 gallons daily at a cost, including its various reservoirs, of about \$165,000,000. The Los Angeles aqueduct has not more than half the capacity, it is true; but it is about twice as long, passes through an incomparably rougher country, and its cost, when completed, will be less than one-fifth that of the great New York enterprise.—Scientific American.

TO ADVERTISE FOR HIGHWAY BIDS

The California State Highway Commission, at a meeting in its San Francisco offices Wednesday, decided to notify the Boards of Supervisors of Tulare and Kings counties that it is prepared to advertise for bids for the construction of the Visalia-Hanford section of the State highway as soon as the counties will guarantee the rights of way and the necessary bridges.

The highway between Visalia and Hanford is really two lateral sections of the main trunk, one from Visalia to a point on the State highway near Goshen, and the other from Hanford to the same intersection of the main road. Altogether it is nineteen miles long, and will cost, according to State Engineer Fletcher's estimates, \$200,000.

ALASKA'S MINERAL WEALTH.

The United States Geological Survey has recently published a report on the mining industry in Alaska in 1912, by Alfred H. Brooks. The bulletin—No. 512-A—is one of a series published annually, treating of the progress of mining in Alaska and summarizing the results achieved during the year in the investigation of the mineral resources of the Territory.

ANTHRACITE MINES LARGE PRODUCERS.

The number of anthracite coal mines in Pennsylvania in 1912 was 275, according to E. W. Parker, of the United States Geological Survey, and the average output of each was 289,456 short tons. The number of bituminous mines was 5,747, and their average production 78,184 tons. The average production from each anthracite mine is therefore nearly four times that from the bituminous mines.

COALS TO NEWCASTLE.

Even though crude oil and gasoline are being largely substituted for coal as a source of power in Seward Peninsula, Alaska, 16,405 tons of coal were imported in 1912. In spite of Alaska's great coal resources, not over 200 tons were mined in the entire Territory in 1912. Alaska is sadly in need of a statute allowing her to mine her own coal, under adequate terms.

TO HOLD ROAD ELECTION.

FOLSOM (Sacramento Co.), November 12.—The Trustees of the Folsom Public School will soon take steps toward the calling of an election to vote bonds for the purpose of building

a new school house.

The six rooms of the school are at present located in three different buildings, one of which is two blocks from the school grounds proper. County Superintendent O'Neil is having plans drawn for a school house to contain eight rooms in addition to an assembly room. The building will cost \$15,000.

GENERAL CONTRACTORS ASSOCIATION.

Please take notice that the next regular meeting of the stockholders of the General Contractors Association will be held in the meeting room of the headquarters, 110 Jessie Street, San Francisco, California, on Thursday evening, November 13th, 1913, at the hour of 8 o'clock P. M.
CHAS. W. GOMPERTZ, President.

WM. E. HAGUE, Secretary.
Monthly financial statement. Monthly work report. Important Committee Reports. Please make a special effort to be present.

NICKEL A BY-PRODUCT.

There are no producing nickel mines in the United States. The output of nickel from domestic ores is merely a by-product from electrolytes of the copper refineries. Salts and metal equivalent to 328 short tons of metallic nickel were saved in domestic refineries in 1912 from both foreign and domestic ores. Nickel ore "imported for consumption," is mostly from the Canadian deposits.

Cresote as a Preservative of Telegraph Poles.

It is estimated by the Canadian authorities that every year some 600,000 telegraph and telephone poles have to be replaced because of their decay. Untreated red cedar poles last for 10 years; if the cresote is put on by the brush, they last 13 years; if they are tank-dipped they last 20 years. White cedar has a life respectively of 14, 17 and 22 years, according to the treatment, and yellow pine, 13, 15 and 20 years. It is estimated that cresote treatment would save upward of 260,000 poles per year.

F. S. LOOP PASSED AWAY.

The many friends of Sumner Loop will be surprised to learn that he passed away last Saturday night. The funeral ceremony will be held at his late residence, 1275 Caroline street, Alameda, today at two o'clock.

Mr. Loop has been identified with the lumber business for the past twenty-five years. He was president of the Loop Lumber Co. at the time of his death.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.

The suggestion is made that all communications to consular officers be addressed

The American Consul,
At _____,

the name of the officer not being given. Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 11908. Press for making cement bricks and blocks.—An inquiry has been received at an American consulate for a machine for making pressed cement bricks and blocks. There is a demand for cement slabs for flagging purposes, and six firms of contractors were interviewed, three of which expressed a willingness to hear from American manufacturers of such machines with regard to an agency. In the opinion of these firms, an agent should circulate the trade with catalogues and full particulars, and as soon as this is done a traveler should cover the ground so advertised. The names of the firms referred to can be obtained from the Bureau of Foreign and Domestic Commerce.

No. 11909. Agricultural machinery and rural articles.—Several business men in a South American country are contemplating the establishment of an importing house. An American consular officer writes that agricultural machinery and rural articles will be the chief goods they will wish to import, and they would like to communicate with houses in the United States interested in the exportation of such products.

No. 11911. Barrell staves.—An American consul in a Mediterranean country reports that a business firm in his district desires to be placed in communication with American shippers of staves to be used in the manufacture of potato barrels. Correspondence may be in English. Prices should be quoted c. i. f. point of destination.

No. 11914. Oak for office furniture.—A business firm in a European country dealing in office furniture requests an American consular officer to furnish the names of American exporters of oak wood, as the firm desires to work up this wood into office furniture. Correspondence should be direct with the firm in question.

No. 11917. Steel lockers.—An American consular officer in the Far East desires illustrated catalogues, prices, etc., for steel lockers particularly designed for a golf club. These lockers must be especially adapted for use in the Tropics.

No. 12057. Pumps, etc.—Tenders are invited by the Hastings Borough Council for the supply and erection of two sets of high-lift turbo pumps and electric motors, together with suction and delivery piping, etc. Tenders will be received by the Town Clerk, Hastings, New Zealand, until December 18. As the time is limited, this information will probably be of use only to firms having agents in New Zealand who can be instructed by cable.

No. 11936. Machinery for dredging plant.—An American consul reports that a member of a foreign legislature is about to proceed on a tour of the world and will be in New York about

March, 1914. This person is said to be a leading spirit in the political and commercial life of the country in question; he also has extensive interests in the Philippine Islands and his visit to the United States is primarily for the purpose of acquiring machinery to the value of several hundred thousand dollars, to be added to an important dredging plant now in operation.

No. 11932. Motor revenue cutter.—An American diplomatic officer has forwarded a copy of specifications embodying the plan of construction of a revenue cutter for open-sea service best adapted to conditions on the coast of a foreign country. Bids will be received until November 24. The Government will pay cash for the boat. Interested boat builders can obtain a copy of these specifications from the Bureau of Foreign and Domestic Commerce.

No. 11935. Bolts and nuts.—An American consul in the United Kingdom reports that a local firm of manufacturers is desirous of getting into communication with firms exporting bolts and nuts. The firm as present is handling the following goods: Engineers' best bolts and nuts, shipbuilders' and colliery bolts, plow and lurdie bolts, set screws, hand and machine forged nuts, fishbolts, nails, rivets, washers, best bright bolts, coach screws, retort bolts, etc. American manufacturers are requested to send full particulars of their products.

No. 11936. Lanterns.—Tenders are invited by the corporation of Calcutta, India, for 3,000 one-light copper street lanterns, constructed from strong copper sheets throughout. They must be insect and dust proof, 21 ounces best quality English glass, porcelain reflectors, and painted complete, with scroll irons, without ladder bar. These lanterns must be of suitable size for single incandescent gas burner (inverted or upright pattern), consuming about 3½ to 4 cubic feet per hour. Separate prices should be quoted for the scroll irons, also for brass fittings with unions complete to take the Mansfield patent inverted incandescent gas burner. Tenders must include cases and packing; also delivery free of all charges at the corporation lighting stores. Communications should be addressed to the Secretary, Municipal Office, Calcutta.

No. 11939. Electric motor, etc.—Tenders are invited by the Victorian Railway Commissioners until December 3 for supplying a 60-horsepower electric motor and accessories, also 25 steel blooms for piston rods for engines. Tenders should be addressed to the Secretary, Victorian Railway Offices, Spencer Street, Melbourne, Australia, from whom specifications may be obtained. Local representation is necessary.

No. 11947. Office furniture.—The Director of Public Instruction in a foreign country desires offers from American manufacturers of filing cases, desks, cabinets, and other office furniture, a supply of which is needed to fit up a new office of his department. Literature and correspondence should be in French, if possible. An American consul suggests that if American firms will state to the official that the consul may be able to explain catalogues to this official some influence may be used in their behalf.

Walter A. Scott
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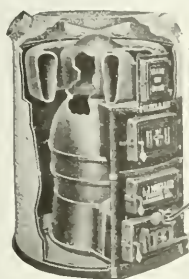
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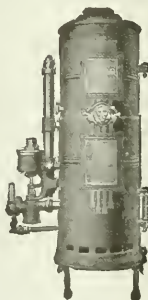
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Ferrolite Co.
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Hennings, Adolf
Hennings, W. H.
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Johnson, J. Eric
Johnson, Joel
Jones, Fred C.
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Kuykendall, J. O.
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Lansing, Frank P.
Larsen & Larsen
Linden, William
Lindgren
Lindsay, Chas. M.
Lindsay, Frank
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MacDonald & Kahn
Mager Brothers
Martin, William
Masow & Morris
McClenahan & Co., Neil
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Saywell, Sylvester
Schulz, E.
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Brode Iron Works
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Leutholtz & Co., M.
Monarch Iron Works
Michel & Pfeffer
Sartorius Co.
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Calif. Pottery Co.
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Pottery Co.
Clark & Sons N. Diamond Brick Co.
Gladding - Mc-

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Clark & Sons, N. Diamond Brick Co.
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Bay Develop. Co.
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Whittier - Coburn Co.
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Guerrin & Co., J. S.
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McMullin, A. L.
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Standard Crushed Rock Co.
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Decker Electrical Construction Co.
Farnsworth Electrical Works.
General Electric Constr. Co.
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Hicks Elect. Co.
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Ley, Elec. Co.
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Pridde, Milton
Walker, J. M.
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Luggen, Ernest
McGlinchey

Monahan

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terial Co.
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City Supply
Frankford Crushed
Rock Co.
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ers.

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Hardwood Inte-

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ton

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ior Co.

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Works.

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Works

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Works

Ralston Iron

Works

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 Dyer Bros.
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 San Francisco Iron Works
 Ralston Iron Wks
 Vulcan Iron Wks
 Zenith Iron Wks.
Surveyors.
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 Sanborn & Corin-son
Teaming & Grading.
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 Button, L. V.

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 Dillon Teaming
 Gallen & Carlin
 Hartnett, J. D.
 Holland, J. P.
 Lennon Co., J. E.
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 Luggen, Ernest
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 O'Day Co., D.
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 Powers, Chas. J.
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 Star Contracting Co.

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Tiling.
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 Hulse Tile Co.
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 Progressive Window Cleaning
Windows, Patent.
 Birth Co., L. H.
 Simplex Window Co.

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 Decker Electric Co.
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 Hanbridge, W. S.
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 Otis Elevator Co.
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 Cal. Art Metal & Wire Works.
 Merle Co., A.
 Sartorius Co.
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 Griffith, Wm.
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 Wilcham, A. A.
 Willie Co., A.
 Williams, F. A.
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 Iron Works.
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 Bay Development Co.
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 Central Brick & Pottery Co.
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Concrete Reinforcement.
 Lilley & Thurston

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 Cameron - Disson.
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 Lang & Bergstrom
 Letter, E. T. & Son.
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 Moller, R. W.
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 Owsley, B. T.
 Penny, Isaac.
 McLeran & Peter-son.
 Robinson & Gillespie.
 Savage, M. J.
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 Stockholm & Al-
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 Terrill, G. C.
 Walker Bros. Co.
 Warwick, H. C.
 Buller, Thos.
 White Bros (car-
 penters)

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 Berger Mfg. Co.
 Capitol Sheet Mfg. Works.
 Conyns & Child-ers
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 Cronan, Wm.
 Forde, Corneil Co. Works.
 Gullifoy Corneil Works
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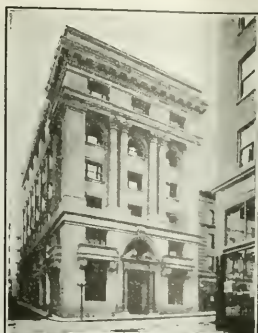
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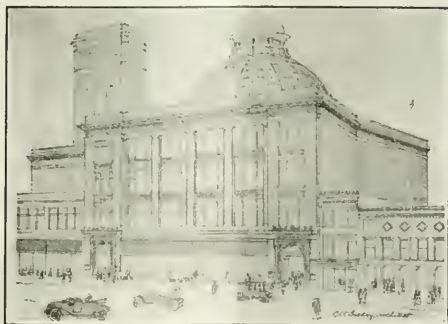
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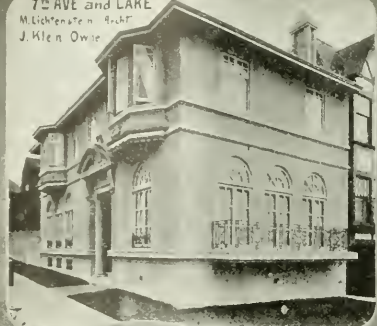
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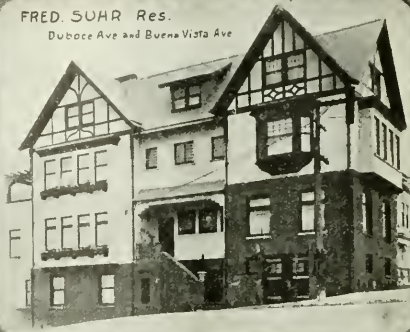
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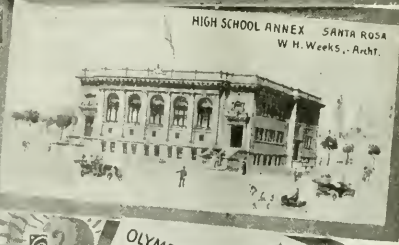
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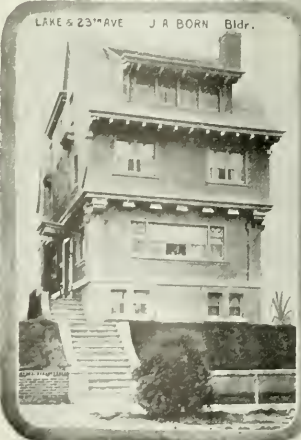
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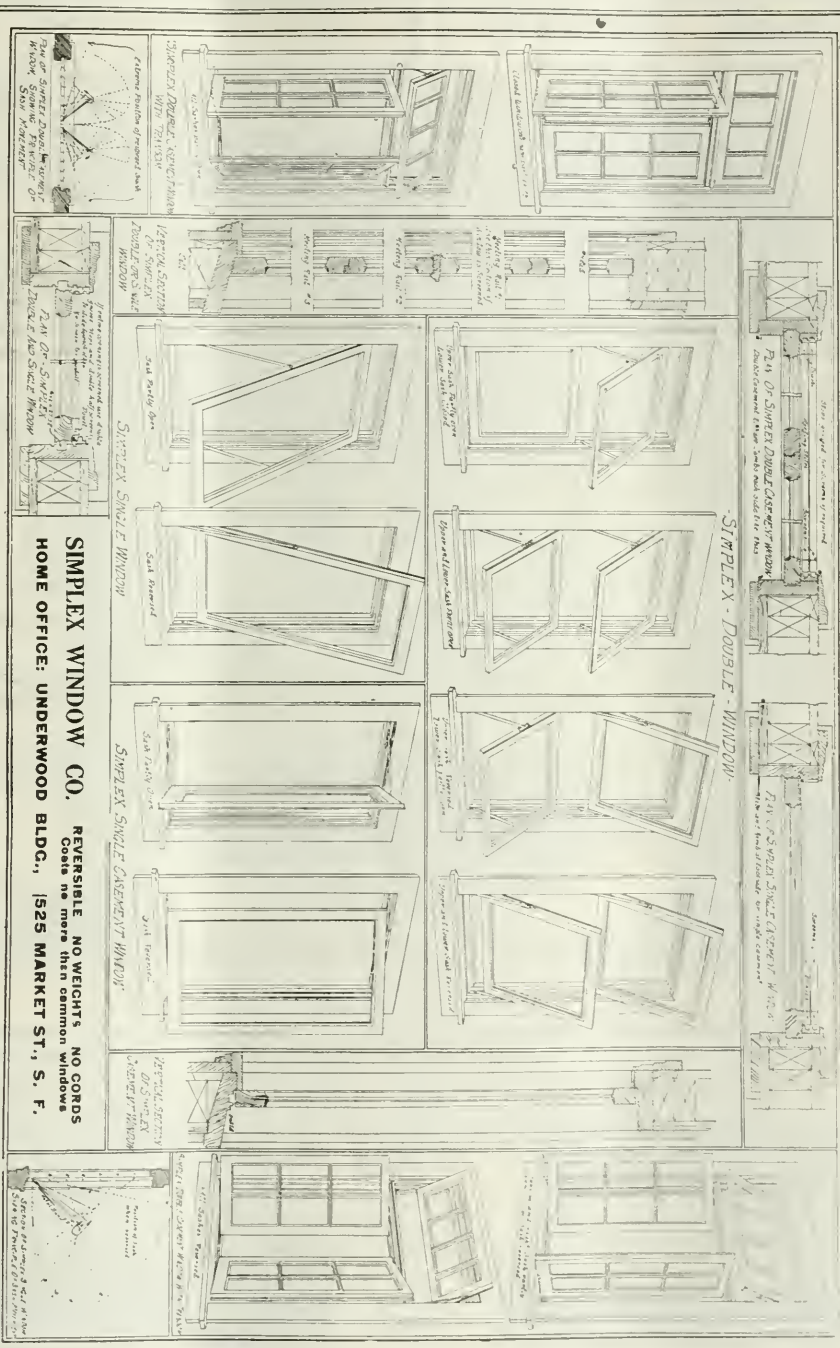
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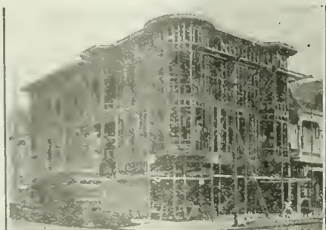
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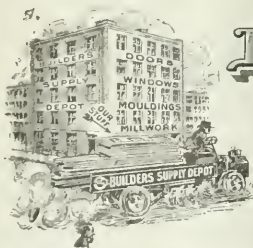
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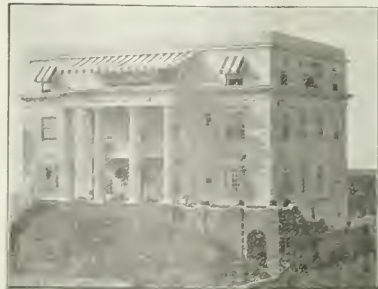


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Editorial Comment.

The announcement is made that the Tivoli will be turned into a moving picture theatre at the end of the Grand Opera Season, which closes at the end of this week. This is certainly a commentary upon the change of taste that the theatre going public has undergone. The old Tivoli has a world-wide reputation as the home of music. The old favorites of the comic opera, the old stars of the grand opera are now traditions of the past. Vaudeville and moving pictures have crowded the old melodies from the music hall and the mechanical piano and the tango dances draw the dollars to the vaudeville and the movie show.

The new Tivoli opera house is a splendid show house. Its arrangement of foyer and balconies, its mellow lighting effect, its tasteful decoration all combine to put one in a pleasant frame of mind for an evening's entertainment. Manager Leahy has always put on a creditable show. The comic opera company he assembled was a good representative of the standards of the old show house. The standard light operas of the world were given—works of art that left a pleasant memory for days to come. And the present grand opera company has been giving to its patrons artistic productions at a price that could hardly be equalled anywhere else in the world.

People will support a musical hedge podge like the show at the Gaiety Theatre. They will go to a New York musical comedy and pay two dollars a seat to hear a tum 'um comedy and an aggregation of singers that do not have a single voice. They will block the streets for two hundred yards waiting to get in to see a vaudeville show, the majority of whose acts are so absolutely rotten and silly that one wonders how any body with a thimble full of brains has the gall to put them on the stage.

And yet the Tivoli with its splendid show house, with its capable company, and its competent orchestra can not put on such operas as the Serenade, The Bohemian Girl, and Robin Hood and get an audience at from twenty-five to seventy-five cents a head.

One can not control the public taste. 'Tis true 'tis pity, and pity 'tis, 'tis true.' The critics on the yellow journals tell us that the primary function of the theatre is to entertain and that the public is the best judge as to what furnishes it entertainment. On this theory problem plays are put on that have no excuse under heaven for their existence except that they attract the morbid and swell the box office receipts. The drama of the underworld is enacted for the same rea-

son. And it seems that the present generation of theatre goers are so taken up with these nondescript productions that real works of art no longer find a living patronage. The Tivoli will close its doors and light opera will be heard about as often as in a country town.

Telegraphic reports state that the Marconi telegraph station at Nova Scotia has succeeded in telephoning across the Atlantic by means of the wireless instruments. This is altogether probable as wireless telephony has been an accomplished fact for a number of years. The Poulsen system of wireless transmission has used the telephone with facility when needed. The only thing about it is that it is not feasible as a business proposition as it furnishes no means of secret communication. Talking across the Atlantic without visible or tangible means of communication is an accomplishment however. And the wireless telephone will be of advantage to ships at sea and to the coast wise trade particularly.

President E. P. Ripley of the Santa Fe Railroad paid five cents each for peaches in Kansas City and saw equally good peaches being fed to pigs in Colorado. Being a great railroad president Mr. Ripley is to institute a special car service that will connect the marketless peaches with the peachless market.

The same enterprise that private industries show might be shown publicly. The transportation of good wagon roads would avoid everywhere the similar experience of farm and orchard products rotting some seasons and glutting the markets at others.

The New York Sun is quoted as saying that one of our highest military authorities at Washington has said that intervention in Mexico to be effective would require an army of 500,000 men and would cost one million dollars a day for two years. Certainly it would be a great expense and it would require a great army to be effective.

Many persons have wondered why the Administration has not allowed arms to be shipped from this country to aid the constitutionalists under Carranza. It is now known that no officers have opposed such action on the ground that if intervention ever became necessary those arms would be used against the Americans. In the meantime revolution thrives, nobody is sufficiently strong to establish order and general chaos reigns. All these considerations tend to complicate matters and the worthless Mexicans continue to kill each other off.

Automatic Sprinkler System As An Investment

By Alvin T. Conte.

In these days of fire prevention education it is getting to be more clearly regarded as an offense against the public welfare when property is lost by fire, and this is the correct point of view. When, in addition to satisfying this sense of moral duty, a financial return can be secured from the installation of fire apparatus, a most happy combination is presented.

Chief and foremost in all the appliances for the protection of business property is the automatic sprinkler equipment and the minds of manufacturers in particular are turning toward this apparatus in increasing numbers. Plants are being thus equipped which but a few years ago were thought to be too small to render such an equipment advisable, or where mechanical and engineering difficulties have recently been removed. It is very desirable that manufacturers whose plants are not equipped should have some rule or plan by which they may determine for themselves in at least an approximate way, whether in their particular plants such an equipment is feasible, and it is in the hope of furnishing some such rule that this article is written.

Automatic sprinkler equipments compare naturally with such other apparatus as elevated gravity tanks, fire pumps, electrical supervisory alarms, transmitter connections and others, but fortunately not all of this apparatus is necessary to secure substantial benefit from the sprinkler equipment itself. Indeed, it would seem that the cause of fire prevention in many instances may have been hindered by laying stress upon equipment so elaborate that it is at once put beyond the reach of hundreds of small manufacturers, who can ill afford to do without such protection as they are able to buy and maintain. In a general way it may be said that all of this accessory apparatus here mentioned is or the purpose of guaranteeing the efficiency of the sprinkler equipment in its hour of need, rather than of adding to it. A single source of water supply is sufficient, provided that supply is ample in quantity and always dependable.

A study of the causes of fire loss in sprinkler equipped properties will disclose the fact that many of these plants were equipped with two or more sources of water supply, but that jointly or singly, they were inadequate, that the equipment itself was improperly installed, or that a fire attacked the building from the outside or underneath gaining such headway as to put the equipment wholly or partially out of use before the heads were reached.

There are two considerations which determine the practicability of sprinkler equipment: First, protection of the property and business; second, the reduction of the insurance cost. These considerations should always be joint

in determining the matter. Each manufacturer knows in a general way what his destructible property is worth. He knows what percentage of this destructible value he is able to keep insured and what the cost of this insurance is. He knows, also, the amount of his operating profits and something of the business loss which would be incurred by the destruction of his plant. From 75 to 95 per cent of his insurance cost can be eliminated by the sprinkler equipment, and fully as much of the probability of fire loss obviated. These, then, are the credit side of the considerations.

The cost of the equipment will, of course, vary according as it is elaborate or simple, has the water supply close at hand or distant, the buildings compact or scattered, and the expense and maintenance is high or low in a general way and subject to these variations. The inside equipment will cost from \$2.50 to \$4 per sprinkler head, while the cost of the outside connections and valves can be with considerable accuracy determined by the length of the mains and the number of valves required. In this calculation the mains connecting the water supply and equipment should not be less than 6-in., and the number of valves will be determined by the number and proximity of the buildings.

A sprinkler head is required for each 61-sq.ft. of ceiling or roof surface, including stairways, decks, mezzanine floors, etc. The same principal may be stated in this wise: A one-source equipment, including the mains and valves, will cost (subject to the varying conditions before mentioned) somewhere near 10¢ per square foot of ceiling or roof surface, while a two-source equipment, which includes elevated gravity tanks, will cost somewhere near 16¢ per square foot for the roof and floor surface. If these means of determining the equipment cost do not seem sufficiently accurate, manufacturers will always find the makers of sprinkler apparatus willing and ready to submit their own estimates from a sketch of the plant.

If a further analysis of the question is desired, it will be found that the highest percentage of return upon money invested is upon the internal equipment, with its single source of water supply. This is of special importance to veneer and wood-working plants of moderate money value, where a municipal water supply is available. The one thing which need be said the oftenest and loudest is that the small manufacturer should investigate the cost and result of the single-source equipment. If he wishes to add to this the elevated tank or pump, or other apparatus, after his saving in insurance cost has fully or to a considerable degree reimbursed him for the original outlay, he may, of course, do so.

The unfortunate fact remains, however, that hundreds of wood-working

plants which have been lost by fire, would be standing today if a single-source equipment had been installed in them, and such an equipment would have paid a sufficient return upon the investment, simply by way of reducing the insurance cost. It is further true that there are hundreds of such plants now unequipped whose owners could pay for the equipment, together with the interest on deferred payments, in a few years' time, out of the saving in insurance cost, leaving out of account altogether the larger consideration of protection to their property and business.

Naturally the query arises, What is the cost of maintenance after the equipment is in. Here, again, much depends upon the kind and extent of the equipment. The maintenance cost of a single equipment in wood-working plants is very small. If the buildings are not heated, and a dry system must in consequence be used, there is, of course, some expense in maintaining the necessary air pressure, although rather the cost of the apparatus and the upkeep is large. The cost of preventing water in elevated tanks from freezing, in cold climates, is probably the greatest single element of maintenance expense. This expense is determined largely by whether steam is always kept up regardless of the sprinkler apparatus, and whether additional fuel and firing are required to furnish steam for heating the water.

The factor of repairs and maintenance of the equipment itself is not considerable. Out of 100 inquiries addressed to manufacturers of many different classes, an average expense of 10 per cent for maintenance and deterioration was found, but a large majority of these manufacturers have two and three-source equipments, with fairly severe winters to contend with. The principal cause of deterioration is corroding acids or fumes, and where these are not present deterioration is almost negligible, as the upkeep will be relatively small.

Speaking directly to such wood-workers as veneer and panel planks, planing mills, furniture factories and allied trades, it may be said that, in a general way, where the annual premium paid amounts to \$800 or more upon a premium rate of 2½ per cent or more, a one-source equipment can be profitably installed. It ought, in some manner, to be impressed upon every manufacturer that if a consideration of these statements convinces him that he could profitably install such an equipment in his own plant, he owes it as a duty to the public welfare to install it forthwith. The present fire loss ratio in the United States is a conspicuous and humiliating shame to every American, and constitutes a considerable element in our ability to successfully compete with the manufacturers of the world.

MUNICIPAL OWNERSHIP PROGRESSING — CALIFORNIA CITIES RAPIDLY TAKING OVER ALL UTILITIES.

By Edward P. E. Troy.

Each year more of the cities of California are operating public utilities. They have learned the lesson taught by the prosecution of the bribe-givers in San Francisco. The chief result of the good work of Rudolph Spreckels and Francis J. Heney in those cases has been to make it plain that the source of municipal corruption is privilege. The control of public utilities by private persons is the canker that is rotting American municipal life.

Over sixty-two cities in California have municipal water works. Many are generating electricity. Some purchase electricity wholesale, and supply consumers from the water plants at a great saving. Santa Clara operates its gas, electric and water system under municipal management.

More than half of the cities are discussing municipal water. San Francisco voted for Hetch-Hetchy bonds of \$15,000,000 in 1909 for water and power, and Los Angeles is to issue more bonds to complete her great water and electric power system. The water and electric companies are being assisted by a corrupt press in both cities in their endeavors to prevent the building of these utilities.

Reedley decided unanimously to take over and enlarge its water system. Newport Beach voted 138 in favor to 5 against water bonds. Oxnard has commenced to operate its water plant. Glendora sold \$25,000 water bonds voted last August. Montague voted 8 to 1 for water bonds. Red Bluff is to vote on water supply.

Burlingame has just commenced to operate its water works. Tulare has taken over and will extend its water system; total cost, \$100,000. Fullerton will vote on extensions, and Sanger will hold a water election. In South Pasadena a campaign is on for water bonds. Davis is to take over its water works. San Diego has voted for \$1,000,000 bonds to develop and improve its water supply. In Colusa the company offers to sell the water system to the town.

Avalon, on Catalina Island, will acquire all of its utilities—water, electric light, sewer and salt water system. Berkeley clubs urge municipal gas, electric light, water and street railways. Fullerton will build a municipal gas system.

The Water District law has enabled Richmond and the adjoining territory to secure a permanent water supply. In Alameda County, Washington Township, and Oakland and its surrounding cities are considering similar action.

The good example of San Francisco operating its Geary Street Municipal Railway for nearly a year, and with signal success, has caused the cities on the other side of the Bay, in Alameda and Contra Costa counties, where the Oakland Traction Company is operating, to take steps under the District law to acquire the property of that company, as well as the Key Route Ferry system. In Los Angeles, corrupt influences have been endeavoring for more than two years to prevent the building of a municipal electric railway to its harbor.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, Rousseau and Rousseau. Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on a portion of the property at the southwest corner of Larkin and Greenwich streets and has been designed for 12 apartments of two and three rooms. Interiors will be finished in pine with some elm panels and hardwood floors. All suites will have wall beds and private bath rooms. There will be steam heat and hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,500. Architect, William H. Crim Jr., 425 Kearny street, S. F. Owner, R. A. Crothers, Bulletin office, S. F. The building will be erected on 20th avenue and has been designed to contain six suites of four rooms and bath each. Interior finish will be of pine with some elm panels in the dining rooms. All suites will have private baths and entrances. There will be steam heat and a hot water system. Bath rooms will have tile floors and wainscot. Tile and marble will also be used in the entrance. Exterior of the building will be covered with rustic and shiplap with a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

SAN FRANCISCO—Apartment house, 3 story and base, Class C construction, \$35,000. Architects, O'Brien and Werner, Foxcroft Bldg., S. F. Owners, Talbot Investment Co. This building will be erected on the south side of Mission street 375 feet west of Seventh street and will cover a large area. The first floor will be arranged for stores and upper floors for apartments of two and three rooms. Interior finish will be of pine throughout. All suites will have private baths and wall beds. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and sidewalk elevators. Exterior of the building will be faced with pressed brick. Plans are complete and ready for figures.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel. Cost not stated. Architect, Mattanovich, David Hewes Bldg., S. F. Owners, Laehmar Bros. The building has been designed for stores on the first floor and a number of two and three room suites on the upper floors. A lot with a frontage of 50 feet on Mission street and a depth of 105 feet is to be improved. Interior of the apartments will be finished in pine. Plans provide for steam heat and a hot water system. All suites will have wall beds and private baths. There will be patent store fronts and a marble base. Exterior of the building will be faced with pressed brick. Plans are nearly complete and the work

will be awarded to Contractors Beach and Heffernan, David Hewes Bldg., on a percentage basis.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architects, Hutchinson Bros., 170 13th street, Oakland. Owner's name withheld. The building will be erected on 24th street and has been arranged to contain six suites of three rooms and bath each. Interior finish will be of pine throughout. There will be a hot water system and steam heat. Bath rooms will have tile wainscot. All suites will be equipped with wall beds and will have private baths. Entrance will be finished in tile. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architect, L. L. Jones, 1. W. Hellman Bldg., L. A. Owner's name withheld. The building will be erected on West Pico street near Harvard covering an area of 45 by 100 feet. There will be two stores on the first floor and a total of 46 rooms arranged for two and three room suites on the upper floors. Interior finish will be of pine and redwood. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are being prepared.

PORTLAND, ORE.—Apartment house, 7 story and base, reinforced concrete, \$250,000. Architect, W. H. Downing, Abingdon Bldg., Portland. Owner's name withheld for the present. The building will be erected on a corner in the downtown district and when complete will be the largest and most modern apartment house structure in Portland. Preliminary plans only have been prepared but these show a building with a total of over 125 suites of two and three rooms. All apartments will have private baths and wall beds. Provision has been made for a swimming tank, Turkish bath parlors, amusement rooms and a large ball room. Construction will be fire proof with exterior walls of reinforced concrete, concrete floors and roof. Interior partitions will be of metal lath and plaster. Exterior of the building will be faced with cement plaster. All reinforced concrete work will be in the hands of Hartman and Walsh. Further mention will be made of the work as plans progress.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO—Harbor work, docks, trackage, etc. Cost not stated. Engineer, Asst. State Engineer, Ferry Bldg., S. F. Owners, State of California. Work approved by the State Board of Harbor Commissioners, plans for which are complete, include the construction of pier No. 35 at the foot of Bay street, pier No. 37 at the foot

of Kearny street, piers Nos. 25 and 27, both north of the Ferry Building will be enlarged and provided with spur tracks and two new piers Nos. 6 and 8 will be constructed at the foot of Howard street south of the Ferry Building. Each of the new piers will be 200 feet wide and 950 feet in length, costing in the neighborhood of \$250,000. Piers south of the Ferry Building will each be 600 feet long and 140 feet wide and will have spur tracks. Construction will be of creosoted timber piles in place of the reinforced concrete piles used on several of the recently constructed piers. Bids will be called for as soon as the \$4,500,000 worth of bonds can be sold. These bonds were placed on sale in Sacramento yesterday.

SEATTLE, WASH.—Tunnel and shafts in connection with harbor project, \$300,000. Engineer, City Engineer, Seattle. Owners, City of Seattle. Plans have been completed for the construction of a 900 foot tunnel under Lake Union and for two shafts each 150 feet deep. Concrete lining will be used. Bids for this work will be called for at once. Full particulars can be secured from the City Engineer at Seattle.

LOS ANGELES, CAL.—Structural steel for Municipal dock No. 1. Cost not stated. Engineer, City Engineer, Los Angeles. Owners, City of Los Angeles. W. B. Kyle of San Francisco was lowest bidder at \$38,978 for the construction of steel work for a shed on Municipal Dock No. 1, Los Angeles Harbor. Additions or deductions to be made at the rate of 3.15c per lb. Other bids were Llewellyn Iron Works, \$94,991, 3 1/4c per lb., additions or deductions; Security Construction Co., \$97,692, 3.43c per lb.; Western Boiler & Steel Co., \$100,043, 3 1/4c per lb.; Baker Iron Works, \$103,000; Russell-Greene-Poell Co., \$104,190; Mesmer Iron \$109,470; Milwaukee Bridge Co., \$110,386; Snare & Triest Co. \$124,980.

VANCOUVER, B. C.—Viaducts and retaining walls, reinforced concrete construction, \$450,000. Engineer, City Engineer F. L. Fellows, Vancouver. Owners, City of Vancouver. Plans have been practically completed by the City Engineer, F. L. Fellows, for the construction of the four concrete viaducts in the east end of the city at a cost of \$450,000. The bridges will span the Great Northern Ry. Co.'s tracks and will be of concrete and steel construction, averaging about 500 ft. long and 160 feet wide. Considerable concrete retaining walls are called for. Figures will be called for shortly.

—CHURCHES—

SEATTLE, WASH.—Church, 2 story and base, reinforced concrete, \$45,000. Architect, J. A. Crutcher, New York Bldg. Seattle. The building will be erected at the northwest corner of Roy street and Broadway and has been designed in the classic style. The main auditorium will have a seating capacity of 750 people. Besides this room there will be Sunday School rooms, social parlors and pastor's study. Plans provide for a central heating system, probably steam, vacuum cleaning and other modern conveniences. Interior will be finished in pine and ornamental plaster. Exterior will be faced with cement plaster. Bids will be called for on the foundation work within a short

time. Balance of the structure will be erected later.

Contracts Awarded.

SAN FRANCISCO—Church, 2 story and base, Class A construction, \$160,000. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, First Congregational Church of San Francisco. Contractors, Stockholm and Allyn, Monadnock Bldg., S. F., general construction only. Contract price not stated.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse, 3 story and base, reinforced concrete. Cost not stated. Architect, Henry Gellius, 46 Kearny st., S. F. Owner's name withheld. The building will be erected on property at the corner of Bryant and 16th streets. The building will cover an area of 75 by 100 feet. Construction will be of the heavy mill type with reinforced concrete walls and concrete floors. Interior finish will be of pine. There will be special elevator equipment and an automatic sprinkler system. Exterior of the building will be faced with cement plaster. Plans call for fire doors and metal window sash and frames. Plans are being prepared.

SAN FRANCISCO—Warehouse, 2 story and base, brick and steel, \$20,000. Architect, Charles J. Rousseau, 45 Kearny street. Owner's name withheld. The building will be erected on Harrison near 6th street covering an area of 80 by 100 feet. Construction will be of the mill type. Plans provide for fireproof doors, metal window sash and frames and elevator service and spiral chutes. A concrete floor will be used on the first floor. Interior will be finished in pine. Exterior of the building will be faced with stock, tapestry brick and tile. Plans are being prepared and figures will be called for shortly.

LOS ANGELES, CAL.—Warehouse addition, 3 story and base, Class A. Cost not stated. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Lyon Fireproof Storage Co. This work will consist of a three story addition to the present four story Class A building. The structure covers an area of 50 by 145 feet. A new passenger elevator will be installed and the present freight elevator will be extended into the new portion of the building. Interior partitions will be of metal lath and plaster. Interior finish will be of pine. There will be metal window sash and frames and fireproof doors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

PORTLAND, ORE.—Factory alterations, 4 story and base, brick, \$25,000. Architect, Ernest Kroner, Worcester Bldg., Portland. Owners, Frye and Co. This work will consist of reconstructing the present building and constructing additional buildings for smoke houses, coolers, etc. All construction will be of brick and steel. Interior finish will be of pine throughout. There will be metal window sash and frames and fireproof doors. Exterior of the building will be faced with pressed brick. A large amount of special machinery will be required. Plans are nearly complete and figures will be called for by the architect within a week or ten days.

PORTLAND, ORE.—Steel plant, 2 story and base, concrete and frame

construction, \$40,000. Engineers, Engineering Department, Northwest Steel Co., Portland. The building will cover an area of 580 by 59 feet, giving the main portion of the building a floor area of 57,900 square feet. No interior finish will be used. There will be a cement floor and metal window sash and frames. Special machinery will be required. Exterior of the building will be faced with corrugated iron. Plans are complete and the work will be carried on under the direction of W. H. Cullers, Chief Engineer of the company.

SAN FRANCISCO—Warehouses, 2 1/2 story and base, reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. Bids opened for this work on November 22 show M. Fisher low on both buildings at \$133,583. Twenty-six figures were submitted. A complete list of all bids will be found under the heading of San Francisco in this issue.

Contracts Awarded.

SEATTLE, WASH.—Warehouse, 2 story and base, brick and steel, \$30,000. Architect, I. S. Harding, 1507 Harvard ave., Seattle. Owners, O. L. Willets Co. Contractor, I. S. Harding, 1507 Harvard ave., Seattle. Contract price, \$30,000.

LOS ANGELES, CAL.—Cold storage addition, 3 story addition, brick construction, \$25,000. Architect, John E. Kunst, Higgins Bldg., L. A. Owners, Mathie Brewing Co. Contractor, M. Stepan, 1942 South Los Angeles street, L. A. Contract price, \$25,000.

FIRE HOUSES.

OAKLAND, CAL.—Jail work and plumbing. Cost not stated. Architects, Palmer, Hornbostel and Jones, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened for jail equipment for the new city jail show M. G. West low on all propositions submitted for equipment. J. Looney Co. submitted the only figure for plumbing. A complete list of all figures appears under the heading of Oakland and Alameda County in this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame. Cost not stated. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on a portion of the lot at the southwest corner of Larkin and Greenwich streets. There will be two modern flats of five and six rooms. Interiors will be finished in pine, redwood and some elm panels. Bath rooms will have tile wainscot and composition floors. Open fire places will be used in the living rooms. Mantels will be of tile and brick. Basement will be used for a garage. Exterior of the building will be covered with shiplap and rustle. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Second avenue near Fulton and has been designed to contain two large residential flats. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors

will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

SAN FRANCISCO—Flats, 2 2-story and base, frame, \$5,000 each. Architects, none. Owner, C. A. Rushton, 714 9th avenue. These buildings will be erected on the west side of 9th avenue south of Cabrillo and each house has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine and redwood. Hardwood veneer will be used in the living and dining rooms. Oak floors will be used in the principal rooms. There will be large open fire places and tile or brick mantels in the living rooms. Bath rooms will have tile wainscot and sanitary floors. Automatic water heaters will be specified. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Lay Labor.

SAN FRANCISCO—Flats, 2 story and base, frame. Cost not stated. Architects, Henry Geilfuss and Son, 45 Kearny street, S. F. Owner's name withheld. The building will be erected on a portion of the property at the corner of Bryant and 16th streets and will have a frontage of 25 feet by a depth of 89 feet. The first floor will be arranged for stores and upper floors for flats and a rooming house. Interior finish will be of pine and redwood. There will be an automatic water heater and open fire place. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster and shiplap. Plans are being prepared.

SAN FRANCISCO—Flat alterations, 2 story and base, frame, \$5,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. This work will consist of raising the present building and constructing a story underneath. The first floor will be used for a saloon. Upper floors will contain modern four and five room flats. Interior finish will be of pine throughout. New interior finish, plumbing, electric work and plastering is specified. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once. The building is located at the southeast corner of Geary and Masonic avenue, opposite the new baseball park.

OAKLAND, CAL.—Flats, 2 story and base, frame. Cost not stated. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected in Oak Park Tract and has been designed to contain two flats of five and six rooms. Interior finish will be of pine throughout. There will be open fire places in the living rooms. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Flats, 2 story and base, frame, \$8,000. Architect, Eugene Mathewson, Forsyth Bldg., Fresno. Owner, Fred Tegeler.

The building will be erected on J street and will cover an area of 50 by 61 feet. Interior has been arranged for four flats of four and five rooms. Pine, redwood and elm panels will be used for finish. Oak floors will be used in the living and dining rooms. There will be a central heating system and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. An automatic water heater will be installed in each of the flats. Exterior of the building will be covered with rustic and cement plaster on metal lath. Disappearing beds are specified. Plans are being prepared.

GARAGES.

SAN FRANCISCO—Garage, 1 and 2 story and base, reinforced concrete, \$50,000. Architect, O. R. Thayer, Merchants National Bank Bldg., S. F. Owner, B. Davidson. This work has been mentioned here before when plans were first started. The owner has secured additional property and has had plans revised for a much larger building. The structure will be erected at the corner of Pacific and Van Ness avenues and will be practically fireproof. Interior will be finished in pine, hardwoods and tile. There will be a cement first floor, metal window sash and frames and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans provide for patent store fronts and plate glass windows. Plans are complete and figures are being taken.

CORONADO BEACH, SAN DIEGO CO., CAL.—Garage, 1 story and base, brick and steel, \$30,000. Architect, E. Ervatt, Spreckels Bldg., San Diego. Owners, Coronado Hotel. The building will be erected on the hotel grounds and will cover an area of 55 by 200 feet. A concrete floor and foundations, brick walls and steel roof trusses will be used. Exterior walls will be faced with pressed brick. Special gasoline storage tanks are specified. Interior will be finished in pine. There will be metal window sash and frames. Plans are complete and the work is being done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Umatilla Project Approved

The secretary of the interior has approved the construction of the sixth unit of the Umatilla irrigation project, Oregon, known as the west extension and embracing 10,000 acres of land. The secretary's approval covers an allotment of \$500,000 for the work.

The Umatilla project embraces some of the most valuable fruit and truck land in the west, and the development already shown on the areas now under irrigation on the east side predicated a very substantial increase in the population and taxable wealth of the state as soon as the west side lands are brought under cultivation.

The allotment just made initiates the government upon a work which will call for a total investment of nearly \$4,000,000 and will provide for the reclamation of nearly 40,000 acres, now almost wholly desert and unproductive.

Oregon is one of the largest contributors to the reclamation fund, and Secretary Lane has been influenced for

this reason and also because of the undoubted merit of the project to direct the immediate taking up of construction.

Fort McDowell, Turbine.

The bid of Davis-Rogers Co., of San Francisco, Cal., \$844.95 in amount, has been accepted for installing salt water turbine, motor-driven pump and connections at Fort McDowell, Cal.

San Francisco, Cal., Furniture.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing furniture in the U. S. post office and court house, San Francisco, Cal.:

Louck & Hill, Richmond, Ind., \$1,998.50; 100 days.
Commercial Cabinet Co., Chicago, Ill., \$1,253; 40 days.
Wollaefer Mfg. Co., Milwaukee, Wis., \$1,650; 75 days.
Jacob Betzel & Son, York, Pa., \$2,286; 100 days.
Original Cabinet Co., Evanston, Ill., \$2,391; 80 days.
John Sjostrom, Philadelphia, Pa., \$1,800; 120 days.

Pasadena, Cal., Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing plaster models for the U. S. post office at Pasadena, Cal.:

J. Brys & F. Bruynick Co. (Inc.), Washington, D. C., \$1,400.
Emil Jung, Washington, D. C., \$2,171.
Lombard & Ludwig (Inc.), Washington, D. C., \$2,259.
Ernest C. Bairstow, Washington, D. C., \$2,355.

Porcelain Insulators.

The following bids were received by the U. S. reclamation service, Los Angeles, Cal., for furnishing 300 porcelain insulators for the Salt river project, Arizona:

National Insulator Co. of Pittsburg, Pa., \$23.40 for own make, No. 11011; dry test 40,000, rain test 25,000 volts; alternate proposition, \$38.40 on own make, No. 31311; dry test 50,000, rain test 30,000 volts.

Pierson-Roeding Co., Los Angeles, Cal., \$3 on Locke, No. 296; dry test 40,000, rain test 25,000 volts; deliveries, 7 days; shipping point, New York; alternate proposition, \$40.50 for immediate delivery from stock in San Francisco for the same period.

Power Contract Approved.

The Reclamation Service has accepted the offer of the Grand Junction Mining Company to furnish the power needed during construction of the Grand River division dam and tunnel No. 3, units of the Grand Valley irrigation project, Colo. Under the terms of the contract to be entered into the government will pay approximately \$36,418 for power service, an amount considerably less than the cost of installing a new plant.

Mare Island, Addition to Kitchen.

The bid of R. S. K. MacMillen, Tacoma, Wash., \$3,041 in amount, has been accepted for constructing an addition to the kitchen at the marine barracks, Mare Island, Cal.

Sacramento, Cal., Shelving.

The contract for the installation of shelving in the U. S. post office at Sacramento, Cal., has been awarded to the California Planing Mills at \$665.

Pearl Harbor, Generator Set.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for one 100-kilowatt motor generator set and switchboard accessories for the U. S. naval station, Pearl Harbor, H. T.:

Item 1, price for motor generator set and accessories, complete; 2, in accordance with the spirit of the specification, but with such modifications as may be desired by bidders.

Western Electric Co., 463 West street, New York City, item 1, \$3,300.

Westinghouse Electric & Mfg. Co., Washington, D. C., item 1, \$2,986; 2, \$3,156.

General Electric Co., Schenectady, N. Y., item 1, \$2,836; 2, \$2,705.

Ridgeway Dynamo & Engine Co., Washington, D. C., item 1, \$2,749.

Sun River Irrigation Project.

The completion of the excavation for the foundation of Sun River diversion dam marks an important step in the construction of the Sun River irrigation project, Mont., one of the largest projects so far undertaken by the Reclamation Service.

The dam site is in the narrow rock gorge, through which Sun River flows, about 72 miles west from Great Falls. In excavating for the foundation the engineers encountered conditions similar to those in the Shoshone Canyon, in northern Wyoming, where the Shoshone dam was constructed by the service a few years ago. Huge boulders had ground great holes deep in the rocky bed, and the drills went down 70 feet before finding the solid foundation rock.

So narrow is the canyon that it is estimated one thousand cubic yards of masonry will bring the dam to an elevation well above the normal low-water level. This work will be performed immediately. The structure will have a height of 128 feet and a length along its curved crest of 260 feet, but its length at water level will be only about 18 feet. Water stored in the mountains will be allowed to run down Sun River to this diversion dam when needed for irrigation, where it will be so diverted into the supply canal for Pishkun reservoir and later to supply a canal for the Willow Creek Reservoir, which now stores the normal flow of Willow and Little Willow Creeks for the Fort Shaw unit. The machinery used in constructing this dam will all be actuated by electric power.

Failure of Submarine Boat Builder.

The Navy Department has been informed of the inability of the Lake Torpedo Boat Company to complete its government contracts on five submarines, which that concern has under construction or on which the firm is about to begin work. Difficulty in negotiating for the necessary finances is given as the reason for the abandonment of the contracts. There is a proposition to reorganize the company. The Lake Company has well under way submarines G-2 and G-3. At last accounts the former boat was 88.3 per cent completed and the latter boat 72 per cent completed. It will evidently

be necessary for the Navy Department, as is usual in such cases, to take over this work and finish these boats. These boats are under construction at Bridgeport, Conn. The firm also recently received contracts from the Navy Department for the construction of submarines L-5, L-6, and L-7, the first named to be built at Bridgeport and the others at Long Beach, Cal. No work has been done on these vessels, but on L-5 a little more than 7 per cent of material has been ordered and delivered. It is the hope of the Lake Company to have the Navy Department recall the contracts, and this may be done in view of the fact that the government could not be expected to undertake the construction of the boats on which no work had been done by the contractor. Of course, if the next lowest bid received on these boats were accepted the difference in cost would have to be charged to the account of the Lake Company. Bids for the four submarines authorized at the last session of Congress will be opened within a month, and it is expected there will be two or three bidders, notwithstanding the withdrawal of the Lake Company from the field of competition.

Y. & D., Pending Projects.

The following projects, bids for which were opened on dates indicated below, are pending in the office of the chief of the bureau of yards and docks:

Sept. 6, Puget Sound, reconstructing and fireproofing building 39.

Oct. 11, Refrigerating equipments for naval hospitals.

Oct. 18, ice-making and cold-storage plant at Pearl Harbor.

Nov. 1, structural steel for coaling plant at Pearl Harbor.

Nov. 1, building for ice-making and cold-storage plant, Pearl Harbor.

Nov. 8, motor generator set, etc., for Pearl Harbor.

Trial of Steel Couplings for Dredge Pipe Lines.

Trial will be made of a metal coupling for use on the pipe lines of the canal commission suction dredges, and if they meet the test the use of the present rubber sleeves will probably be discarded. The coupling is all steel, does away with clamps and attachments necessary to fasten the rubber sleeve to the pipe line, and it is claimed that after once installed, there will be practically no expense for maintenance. The rubber sleeves give trouble constantly, and their upkeep is a considerable item. The steel device is known as the Parker Universal coupling, and requisition has been made for six for use on 20-inch pipe.

HALLS AND SOCIETY BUILDINGS.

HANFORD, KINGS CO., CAL.—Lodge hall additions and alterations. Cost not stated. Architects, Swartz, Hotchkin and Swartz, Rowell Bldg., Fresno. Owners, Elks' Hall Association of Hanford. The second floor of an adjoining building has been leased and will be altered into billiard room, card and smoking rooms. Partitions will be rearranged in the present building and doors will be cut through to the new portion. Interior of the old rooms will be decorated and refurnished. Plans are being prepared.

Contracts Awarded.

AUBURN, PLACER CO., CAL.—Club House, 2 story and base, reinforced concrete, \$11,500. Architect, Frank S. Holland, 100 Haight street, S. F. Owners, Tahoe Club. Contractors, Herdall Bros., Auburn. Contract price, \$11,500.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Club house, 2 story and base, brick and steel, \$32,000. Architect, J. Corblyle Poole, Bothin Bldg., Santa Barbara. Owners, Neighborhood House Association. Contractor, Alfred Jensen, 1298 Chappalla street, Santa Barbara. Contract price, \$32,000.

HOSPITALS.

LOS ANGELES, CAL.—Hospital, 3 story and base, Class A construction, \$50,000. Architects, Garrett and Farrell, Currier Bldg., L. A. Owners, French Hospital Association. The building will be erected at the corner of College and Castelar street and will have frontages of 38 and 120 feet. There will be 25 private rooms, operating rooms, 10 baths, and wards. Exterior walls will be of reinforced concrete as will be the floors and roof. Interior partitions will be of hollow tile. Tile floors and wainscoting will be used in the baths and operating rooms. Plans provide for steam heat and elevator service, a vacuum cleaning system and other modern conveniences. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architect, William H. Crim Jr., 425 Kearny street, S. F. Owner's name withheld. The building will be erected on a corner lot and will be arranged for etc.s on the first floor and in the neighborhood of 35 guest rooms on the upper floors. There will be steam heat and elevator service. Hot and cold running water will be supplied to all rooms. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. Metal store fronts and plate glass windows are specified. Plans are being prepared.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$45,000. Architect, Frank S. Holland, 100 Haight street, S. F. Owners, Estate of Reuben H. Lloyd. This work has been mentioned here several times before. Figures have been taken and contracts will be awarded this week. The building has been designed for a commercial and family hotel.

LIBRARIES.

SAN FRANCISCO—Library, 1 story and base, Class A construction, \$45,000. Architects, Bliss and Paville, Balboa Bldg., S. F. Owners, City and County of San Francisco. Architects Bliss & Paville have completed working drawings for the Richmond Branch of the San Francisco Libraries. The building will be erected on the west line of Ninth Ave. north of Geary street, and has been designed for a one-story classic structure costing \$45,000. Construction will be of the reinforced concrete type and practically fireproof. Interiors of the reading rooms, lecture room and rest room will be finished in

oak, while the balance of the interior finish will be of pine. Composition and maple floors will be used. Plans provide for steam heat, a vacuum cleaning system and other modern improvements. Exterior of the building will be faced with Manti stone. Raymond granite and terra cotta. Roof trusses will be of steel. Plans have received the approval of the Library Trustees and figures will shortly be called.

RAILROAD CONST., STATIONS AND EQUIPMENT.

LOS ANGELES, CAL.—Arcade station, 1 and 2 story and base, Class A and Class C construction, \$250,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Architects, Parkinson and Bergstrom, Security Bldg., L. A., associated. Owners, Southern Pacific Co., Contractors, Alta Platering Mill Co., 830 McGarry street, L. A. Contract price, \$250,000. Note—This work has been held up by the city of Los Angeles until recently when resolutions were passed by the City Council permitting the construction of the building. Operations will be started at once.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The dwelling, designed for an eight room house with bath and sleeping porch, will be erected on a portion of the property at the southwest corner of Larkin and Greenwich streets. Interior will be finished in pine with some hardwood veneer and white enamel. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the dwelling will be covered with rustic and shiplap. Plans are being prepared.

SAN FRANCISCO—Residences, 3 2-story and base, frame, \$3,000 each. Architect none. Owner, Fernando Nelson, 30 Presidio Terrace, S. F. These houses will be erected on property at the northeast corner of 16th avenue and California street. Each dwelling will contain six rooms and bath. Interiors will be finished in pine with some veneer hardwood. Oak floors will be used in the living and dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic, shiplap and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, Oscar Heyman and Bro., 742 Market street, S. F. The dwelling will be erected on the west side of Sears street south of Sickles and will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. A large open fire place with brick mantel will be a feature of the living

room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with clapboards and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. McCarthy. The dwelling will contain six rooms and bath and will be erected in the Mission District. Interior finish will be largely of pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are nearly complete and figures will be called for at once.

SAN FRANCISCO—Residence, 2 story and base, frame, \$15,000. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner's name withheld. The dwelling will be erected in Pacific Heights and has been designed for a handsome city home containing 12 rooms, baths and sleeping porch. A garage will also be erected on the lot. Interior of the house will be finished in pine, oak and other hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heating and open fire places. Mantels will be of tile and brick. Composition floors and tile wainscot will be used in the bath rooms. Automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,500. Architects, Ward and Blohme, Alaska Commercial Bldg., S. F. Owner, Haig Patigian. This dwelling will be erected at the northeast corner of Hyde and Francisco streets and has been designed for an eight room dwelling with baths and sleeping porch. Interior finish will be of pine, white enamel and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the baths. An automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner John G. Weir. The dwelling will be erected in the Claremont Tract and has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in principal rooms. Open fire places will be used in the living room and library. Mantels will be of brick and tile. An automatic water heater will be installed. Plans provide for furnace heat. Tile wainscot will be used in bath rooms and kitchen. Composition flooring is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. Parker. The dwelling will be erected in the Fourth Ave. Terrace and has been designed for an eight room house with bath and sleeping porch. Interior finish will be largely of pine with some veneer hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Olin S. Grove, 2911 Telegraph ave., Berkeley. Owner, H. E. Eveleth. The dwelling will be erected on the north side of Russell street near Piedmont avenue and has been designed for an eight room house with baths and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile wainscot is specified in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, J. Brown Schuyler, Owners, Interurban Home Builders, Solano ave. and The Alameda, Northbrae. This dwelling has been mentioned here before. Plans are complete and work is about to be started. The house will contain six rooms and bath. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of brick. A large sleeping porch will be built on one side of the house. Tile wainscot will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. The work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Clay M. Burrell, Albany Bldg., Oakland. Owner, Dr. McMath. The dwelling, designed for an eight room house with bath and sleeping porch, will be erected in Adams Point. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor under the supervision of the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Alvin J. Stern, 1522 Broadway, Oakland. The house will be erected in the 4th

avenue Terrace and will contain six rooms and bath. Interior will be finished in pine throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are being prepared.

OAKLAND, CAL.—Bungalows, 4 1/2 story and base, frame. Cost not stated. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Home Builders. These houses will be erected on property located at the northeast corner of Kales avenue and Broadway and each house has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. Each living room will have an open fire place with tile or brick mantel. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: J. A. Wagner, 320 South 16th street, five room cottage, \$2,000; Michengie Domico, 687 North 14th ave., San Jose, four room cottage, \$650; and Cora Roberson, 470 East St. James street, San Jose, five room bungalow, \$2,000. Materials are now being purchased.

EUREKA, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Judge Wilson. The dwelling has been designed to contain eight rooms and bath. Interior finish will be of pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Bungalows, 2 1-story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: C. H. Chatterton, 3125 T street, 2 story frame dwelling, \$2,600; and H. Uhl, Uhl Court, 1 story frame cottage, \$1,400. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame and hollow tile, \$10,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Horace Thorwaldson. The dwelling has been designed for an eight room house with three baths and sleeping porches. A frame garage will also be erected on the lot. Interior will be finished in pine, oak and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchen. Exterior of the house and garage will be covered with

cement plaster. Granite base will be used. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$7,500. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, John Zapp. The dwelling will be erected in Zapp's Park and has been designed for a seven room house with bath and sleeping porch. A garage will also be erected on the lot. Interior of the dwelling will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Arthur W. Goodfellow. This dwelling will be erected in Hazelwood Park and has been designed for a fourteen room house with several baths, sleeping porches and a garage. Interior will be handsomely finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms on both the first and second floors. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Some ornamental plaster will be specified. An automatic water heater and vacuum cleaning plant are specified. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$20,000. Architect, Frank T. Kegley, Consolidated Realty Bldg., L. A. Owner, Dr. C. P. Thomas. This dwelling will be erected in Brentwood Place and has been designed for a 15 room house with baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used throughout. Besides the residence a two story garage with accommodations for four machines and chauffeur's quarters will be erected on the lot. Plans provide for a central heating system, vacuum cleaning and automatic water heaters. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$50,000. Architects, Hunt and Burns, Laughlin Bldg., L. A. Owner, Mr. House. The dwelling will be erected in Oak Knoll and has been designed for a fifteen room house with several baths and sleeping porches. A garage will also be erected on the lot. Interior of the house will be finished in hardwoods, pine and white enamel. Hardwood floors will be used throughout. Plans provide for steam heat and open fire places. Mantels will be of tile and brick. Tile floors and wainscot will be used in the bath rooms. There will be a vacuum cleaning system and automatic water heater. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owner J. W. Briscoe. Contractor, Fred L. Bribble, Bakersfield. Contract price, \$9,317. Note.—This contract does not include plumbing, electric work or heating.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Street work and sewers. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. The Constructing Quartermaster's office at Fort Mason will shortly call for figures for extensive electric installation at the Quartermaster Dock No. 2 and for sewer construction at Fort Mason. Advertisement will appear in the Daily Pacific Builder during the next week. Plans are being prepared for 23 buildings to replace the present frame buildings composing the Quartermaster Station.

SEATTLE, WASH.—Power plant, Class A construction, \$100,000. Engineer not selected. Owners, City of Seattle. Plans will be prepared under the direction of Superintendent of Lighting, Ross, Seattle, for the construction of the first unit of the \$500,000 auxiliary steam plant for the lighting department of Lake Union, Seattle. This portion of the work will cost \$100,000. It is probable that the services of a specialist on this class of work will be sought by the Board of Public Works.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, reinforced concrete and frame. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. The building, to be erected at the southwest corner of 15th and Capp streets, will be known as the Marshall School. Construction will be of the slow burning type, the walls to the second floor line being of reinforced concrete with reinforced concrete stairs and corridors. Plans have been arranged for 16 class rooms, assembly hall and principal's office. Interior will be finished in pine and hardwood. Maple floors will be used in the class rooms. There will be steam heat, vacuum cleaning system and program clocks. Separate figures are now being taken for the general construction, heating and ventilating, plumbing and electric work. Bids will be opened on December 3rd. Plans and specifications can be secured from the Department of Architecture. An official proposal appears in another column of this issue.

COVelo, MENDOCINO CO., CAL.—School messhall, 1 story and base, frame. Cost not stated. Architect, Bureau of Indian Affairs, Washington, D. C. Owner, United States Government. Plans and specifications have been forwarded to this city for figures for a one story messhall which is to be erected at the Round Valley Indian School. Interior of the building will be finished in pine and redwood. Exterior will be covered with rustic. Plans can be secured from the Indian Warehouse, 268 Market street. An official proposal ap-

pears in another column of this issue.

BISHOP, INYO CO., CAL.—School, 1 story and base, reinforced concrete, \$20,000. Architect, Samuel Clements, Bishop. Owners, Bishop School District. The building will be designed to contain eight class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat and a modern system of ventilation. Program clocks and vacuum cleaning will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

CERES, STANISLAUS CO., CAL.—School, 1 story and base, reinforced concrete, \$20,000. Architect, William H. Weeks, 75 Post street, S. F. Owners, Ceres School District. The building will be erected in the center of a large lot and has been designed for an eight room school. Interior will be finished in pine. Floors in the class rooms will be of maple. Plans provide for a central heating system, vacuum cleaning and program clocks. Besides the class rooms there will be a large assembly hall. Exterior of the building will be faced with cement plaster. A clay tile roof will be used.

SANGER, FRESNO CO., CAL.—School, 2 story and base, brick, \$30,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Sanger High School District. The building will contain 12 class rooms, auditorium, office and teachers' rooms. Interior finish will be of pine with maple floors. There will be steam heat, a modern system of ventilation, vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will shortly be called.

CLAREMONT, LOS ANGELES CO., CAL.—Music hall, 2 story and base, reinforced concrete, \$90,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. The building will be built in a shape of letter Y, and will have a total frontage of 260 ft., and an average width of 15 ft. There will be an audience room to seat 1000, 8 studios and 16 practice rooms; reinforced concrete frame and gallery, tile roof, artificial stone trim, hardwood and pine trim, plumbing, wiring, heating. Plans are complete and figures are being taken.

ONTARIO, SAN BERNARDINO CO., CAL.—School, 2 story and base, brick and steel, \$40,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Chaffey Union High School District. Portions of the old walls are now standing and use will be made of these in constructing the new building. Fireproof stairways and corridors will be used. Interior will be finished in pine throughout. There will be a central heating system and program clocks, vacuum cleaning and a modern system of ventilation. Plans call for eight class rooms, auditorium and offices. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

SOUTH BEND, WASH. School, 2 story and base, brick and concrete. Cost not stated. Architect, none. Owners, City of South Bend. Contractors, The Manhattan Co., Central Bldg., Seattle. Contract price not stated.

BEND, ORE.—School, 1 story and base, stone, \$20,000. Architects, Swatt and Levesque, Spokane. Owners, Bend

School District. Contractors, Brosterhouse Bros., Bend. Contract price, \$20,000.

STORES AND OFFICES.

SAN FRANCISCO—Office building, 14 story and base, Class A construction, \$900,000 to \$1,000,000. Architect, J. Martyn Haenke, Central Bldg., Los Angeles. Owner, Charles F. Sweeney. Architect J. Martyn Haenke has spent several days in this city completing arrangements for the construction of the fourteen-story Class "A" office building which is to be erected at the northeast corner of Montgomery and Bush streets, the former site of the old Occidental Hotel. The property has passed into the hands of Charles Sweeney, the Spokane mining magnate. Architect Haenke stated to a representative that working drawings for the big structure, costing between \$900,000 and \$1,000,000, were nearing completion in his Los Angeles offices and that actual construction would be started early in the new year. The building will have a frontage on Montgomery street of 150 feet and 137½ feet on Bush. Since the announcement of the 26-story Hobart Building this is the largest undertaking announced by private capital in this city. Construction will be of the Class A type with a complete steel frame, exterior walls of brick and concrete, faced with pressed brick and terra cotta. Floors will be of reinforced concrete and interior partitions of hollow tile. Halls and corridors will be finished in tile and marble with metal doors, mouldings and casings. Plans will provide for vacuum cleaning, steam heat, modern elevator service and mail chutes. Segregated contracts will be let.

SAN FRANCISCO—Store addition and alteration. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owner, Frank Weiner, 79 Ellis street. This work will include new interior finish, new store fixtures, plumbing, electric work and plastering. Mr. Weiner has secured additional store space at 81 Ellis street adjoining his present store. Both stores will be opened in one and when complete the owner will have the most modern shoe store in the city. Plans for the work are being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Stores and offices, 5 story and base, brick and steel, \$30,000. Architect, E. P. Parcher, McCadden Place, Hollywood. Owner, C. E. Toberman. The building will be erected on Hollywood Boulevard covering an area of 75 feet square. First floor has been arranged for four stores and the upper floors for 80 suites of offices. Foundation will be of reinforced concrete and frame of steel. Exterior walls will be faced with pressed brick. Plans provide for steam heat, elevator service and metal window sash and frames. Interior will be finished in pine throughout. There will be piment store fronts and marble base. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Telephone exchange, 6 story and base, Class A construction, \$230,000. Architect Colby 323 Grant ave., S. F. Owners, Pacific Telephone and Telegraph Co. This work has been mentioned here before. The building will be erected on South Hill street and will have a frontage of 7½ feet by a depth of 75 feet. A contract for the structural steel has been award-

ed to the Baker Iron Works of Los Angeles for \$25,000. Balance of the work is now out for figures. Bids will close on December 1st.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, Class A construction, \$40,000. Architect, George W. Harding, Washington Bldg., L. A. Owner, J. M. Browne. The building will be erected at the corner of Boyd and Omar streets covering an area of 65 by 100 feet. Construction will be fireproof throughout with reinforced concrete floor, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Interior will be finished in pine and metal. Metal window sash and frames will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

TACOMA, WASH.—Department store, 3 story and base, brick and steel, \$100,000. Architects, Heath and Grove, National Realty Bldg., Tacoma. Owners, Dare and Gross, Seattle. The building will be erected on C street near 11th and will cover a large ground area. Construction will be practically fireproof. Interior finish will be of pine and hardwoods. Interior partitions will be of metal lath and plaster. There will be steam heat and elevator service. Arcade front with patent show windows and marble base is specified. Exterior of the building will be faced with pressed brick. Plans are complete and a general contract will be let.

THEATRES.

MARTINEZ, CONTRA COSTA CO., CAL.—Theatre, 1 story and base, frame. Cost not stated. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building has been designed for a moving picture house and will have a seating capacity of about 300 people. Interior will be finished in pine throughout. A modern system of ventilation will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 3rd day of December, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The general construction of the Marshall School Building, to be located on the southwesterly corner of Fifteenth and Capp streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of December, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The plumbing and gas fitting of the Marshall School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of December, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The installation of a heating and ventilating system in the Marshall School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of December, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The electric work of the Marshall School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$300.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 808—Proposals for Galvanized Steel and Iron, Steel Cable, Steel Wire, Galvanized Ridge Roll, Rivets, Bolts, Nails, Screws, Taps, Cable Clips, Cast Iron Washers, Stovepipe, Soil Pipe, Pipe Fittings, Valves, Cocks, Lead Pipe, Sheet Lead, Cold Chisels, Saws, Brass, Brass Tubing, Haps, Hinges, Drawer Locks, Files, Shovels, Wrenches, Hammers, Tool Handles, Hack Saw Blades, Cast Iron Buckets, Water Coolers, Hand Ollers, Steam Whistles, Lanterns, Lantern Globes, Window Glass, Metallic Tapes, Marine Cables, Door Mats, Brooms, Brushes, Hose, Nozzles, Gaskets, Cotton Canvas, Sash Cord, Twine, Mop Heads, Oakum, Runtling, Emery Cloth, Belt Lacing, Boiler Lags, Metal Polish, Toilet Paper, Fire Clay, Lime, Lye, Chipped Soap, Rock Salt, Coal Tar, Putty, Paints, Lampblack, Varnish, Turpentine, Oils.

Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. on December 18, 1913, at which time a. m. will be opened in public, for furnishing the above-mentioned articles. Blanks and general information may be obtained from this office or the offices of the assistant purchasing agents, 1086 North Point street, San Francisco, Cal.; also from the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSAL FOR BUILDING.

BUILDING, ETC.—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m., December 18, 1913, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the Great Northern Building, two stories and base, with a ground area of approximately 5,240 square feet; stone, stucco, and terra-cotta facing; the roof, first floor only of fireproof construction. Drawings and specifications may be obtained from the custodian of site at La Junta, Colorado, or at this office in the discretion of the supervising architect, O. WENDERTH, supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 809—Proposals for Steel Rolling Doors for Permanent Shop Building No. 3 at Balboa—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. December 1, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 809) may be obtained from this office or the offices of the assistant purchasing agents, 1086 N. Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. A., general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. January 2, 1914, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Brigham City, Utah. One-story and mezzanine building, fireproof construction, stone facing, copper and composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah, or at this office, in the discretion of the supervising architect, O. WENDERTH, supervising architect.

PROPOSAL FOR MESSHALL.

Sealed proposals, plainly marked on the outside of the sealed envelope, "Proposals for messhall," and addressed to the Superintendent of the Round Valley Indian School, Calif., will be received until 5:00 o'clock p. m. November 28, 1913, and then opened, for furnishing the labor and materials required in the construction of a messhall of a frame messhall for the Round Valley Indian School, Covelito, Calif., in strict accordance with the plans and specifications furnished thereby by the Office of Indian Affairs, and which may be examined at this school and at the post office at Willits and at Ukiah, and at the Indian Warehouse at Brigham City, Utah, or at San Francisco, California. Bids must be submitted in accordance with the form attached to the plans and specifications. Each bid must be accompanied by a certified check or draft on some United States Depository or solvent National Bank, made payable to the order of the Commissioner of Indian Affairs, for at least 10 per cent of the proposal, which check or draft will be forfeited to the United States in case any bidder or bidders receiving an award shall fail to promptly execute the contract with good and sufficient sureties, otherwise to be returned to bidder. The right is reserved to reject any and all bids.

T. B. WILSON,
Superintendent.

PROPOSALS FOR EXCAVATING AND CONCRETE WORK.

STEEL LUMBER, PIPE, CONCRETE, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 10 o'clock a. m. December 18, 1913, for the construction of structures of the Pishkun reservoir supply canal and Sun river slope canal, involving 14,000 cubic yards of excavation, the placing of about 664,000 pounds of reinforcing steel, the erection of about 140,000 pounds of structures of about 66,000 feet B. M. of lumber, and the laying of about 24,000 linear feet of drain pipe. The work is situated on the north side of Sun river, from 25 to 70 miles west of Great Falls, Mont., and is near the line of the Sun river branch of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, acting director.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 27th day of November, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The general construction of Engine House No. 48, of the San Francisco Fire Department, to be located on this property, situated on the northwesterly corner of Twenty-second and Wisconsin streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from receipt of written notice from the Board of Public

lic Works, and completed within two hundred and ten (210) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$8,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Monday, December 8, 1913, and bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work

required for the construction and erection of a Gymnasium Building at the State Normal School, San Jose, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a sum of the bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications. The deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposal for Gymnasium Building, State Normal School, San Jose, California."

(Signed)

W. F. McCLURE,
State Engineer. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The dwelling, designed for an eight room house with lath and sleeping porch, will be erected on a portion of the property at the southwest corner of Larkin and Greenwich streets. Interior will be finished in pine with some hardwood veneer and white enamel. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Tile wainscot and composition doors will be used in the bath rooms. Exterior of the dwelling will be covered with rustic and shiplap. Plans are being prepared.

RESIDENCES — 3 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, Fernando Nelson, 30 Presidio Terrace. S. F. These houses will be erected on property at the northeast corner of 16th avenue and California street. Each dwelling will contain six rooms and bath. Interiors will be finished in pine with some veneer hardwood. Oak floors will be used in the living and dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with rustic, shiplap and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Oscar Heyman and Bro., 742 Market street, S. F. The dwelling will be erected on the west side of Sears street south of Sicksles and will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. A large open fire place with brick man-

tel will be a feature of the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with clapboards and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. McCarthy. The dwelling will contain six rooms and bath and will be erected in the Mission District. Interior finish will be largely of pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are nearly complete and figures will be called for at once.

RESIDENCE — 2 story and base, frame, \$15,000. San Francisco. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner's name withheld. The dwelling will be erected in Pacific Heights and has been designed for a handsome city home containing 12 rooms, baths and sleeping porch. A garage will also be erected on the lot. Interior of the house will be finished in pine, oak and other hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heating and open fire places. Mantels will be of tile and brick. Composition floors and tile wainscot will be used in the bath rooms. Automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$3,500. San Francisco. Architects, Ward and Blohme, Alaska Commercial Bldg., S. F. Owner, Halg Pailgian. This dwelling will be erected at the northeast corner of Hyde and Francisco streets and has been designed for an eight room dwelling with baths and sleeping porch. Interior finish will be of pine, white enamel and

hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the baths. An automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE — 3 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on a portion of the property at the southwest corner of Larkin and Greenwich streets and has been designed for 12 apartments of two and three rooms. Interiors will be finished in pine with some elm panels and hardwood floors. All suites will have wall beds and private bath rooms. There will be steam heat and hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE — 3 story and base, frame, \$12,500. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, R. A. Crothers, Bulletin office, S. F. The building will be erected on 20th avenue and has been designed to contain six suites of four rooms and bath each. Interior finish will be of pine with some elm panels in the dining rooms. All suites will have private baths and entrances. There will be steam heat and a hot water system. Bath rooms will have tile floors and wainscot. Tile and marble will also be used in the entrance. Exterior of the building will be covered with rustic and shiplap with a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

APARTMENT HOUSE — 3 story and base, Class C construction, \$33,000. San Francisco. Architects, O'Brien and Werner, Foxcroft Bldg., S. F. Owners, Talbot Investment Co. This building will be erected on the south side of Mission street 375 feet west of Seventh street and will cover a large area. The first floor will be arranged for stores and upper floors for apartments of two and three rooms. Interior finish will be of pine throughout. All suites will have private baths and wall beds. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and sidewalk elevators. Exterior of the building will be faced with pressed brick. Plans are complete and ready for figures.

APARTMENT HOUSE — 3 story and base, brick and steel. Cost not stated. San Francisco. Architect, Mattanovich, David Hewes Bldg., S. F. Owners, Lachman Bros. The building has been designed for stores on the first floor and a number of two and three room suites on the upper floors. A lot with a frontage of 50 feet on Mission street and a depth of 195 feet is to be improved. Interior of the apartments will be finished in pine. Plans provide for steam heat and a hot water system. All suites will have wall beds and private baths. There will be patent store fronts and a marble base. Exterior of

the building will be faced with pressed brick. Plans are nearly complete and the work will be awarded to Contractors Beach and Heffernan. David Hewes Bldg., on a percentage basis.

HARBOR WORK, DOCKS, TRACK-AGE, ETC.—Engineer, Asst. State Engineer, Ferry Bldg., S. F. Owners, State of California. Work approved by the State Board of Harbor Commissioners, plans for which are complete, include the construction of pier No. 35 at the foot of Bay street, pier No. 37 at the foot of Kearny street, piers No. 25 and 27, both north of the Ferry building will be enlarged and provided with spur tracks and two new piers, Nos. 6 and 8, will be constructed at the foot of Howard street south of the Ferry Building. Each of the new piers will be 200 feet wide and 950 feet in length, costing in the neighborhood of \$250,000. Piers south of the Ferry will each be 600 feet long and 140 feet wide and will have spur tracks. Construction will be of cross-tied timber piles in place of the reinforced concrete piles used on several of the recently constructed piers. Bids will be called for as soon as the \$1,500,000 worth of bonds can be sold. These bonds were placed on sale in Sacramento yesterday.

WAREHOUSE—3 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Henry Geilfuss, 46 Kearny st., S. F. Owner's name withheld. The building will be erected on property at the corner of Bryant and 16th streets. The building will cover an area of 75 by 100 feet. Construction will be of the heavy mill type with reinforced concrete walls and concrete floors. Interior finish will be of pine. There will be special elevator equipment and an automatic sprinkler system. Exterior of the building will be faced with cement plaster. Plans call for fire doors and metal window sash and frames. Plans are being prepared.

WAREHOUSE—2 story and base, brick and steel, \$20,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street. Owner's name withheld. The building will be erected on Harrison near 6th street covering an area of 50 by 100 feet. Construction will be of the mill type. Plans provide for fireproof doors, metal window sash and frames and elevator service and spiral chutes. A concrete floor will be used on the first floor. Interior will be finished in pine. Exterior of the building will be faced with stork, tapestry brick and tile. Plans are being prepared and figures will be called for shortly.

FLATS—2 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau and Rousseau, Mondack Bldg., S. F. Owner's name withheld. The building will be erected on a portion of the lot at the southwest corner of Larkin and Greenwich streets. There will be two modern flats of five and six rooms. Interiors will be finished in pine, redwood and some elm panels. Bath rooms will have tile wainscot and composition floors. Open fire places will be used in the living rooms. Mantels will be of tile and brick. Basement will be used for a garage. Exterior of the building will be covered with shiplap and rustic. Plans are being prepared and figures will be called for shortly.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, O. R.

Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Second avenue near Fulton and has been designed to contain two large residential flats. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

FLATS—2 2-story and base, frame, \$5,000 each. San Francisco. Architect, none. Owner, C. A. Rushton, 714 9th avenue. These buildings, will be erected on the west side of 9th avenue south of Cabrillo and each house has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine and redwood. Hardwood veneer will be used in the living and dining rooms. Oak floors will be used in the principal rooms. There will be large open fire places and tile or brick mantels in the living rooms. Bath rooms will have tile wainscot and sanitary floors. Automatic water heaters will be specified. Interiors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame. Cost not stated. San Francisco. Architects, Henry Geilfuss and Son, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on a portion of the property at the corner of Bryant and 16th streets and will have a frontage of 25 feet by a depth of 89 feet. The first floor will be arranged for stores and upper floors for flats and a rooming house. Interior finish will be of pine and redwood. There will be an automatic water heater and open fire place. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster and shiplap. Plans are being prepared.

FLAT ALTERATIONS—2 story and base, frame, \$5,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. This work will consist of raising the present building and constructing a story underneath. The first floor will be used for a saloon. Upper floors will contain modern four and five room flats. Interior finish will be of pine throughout. New interior finish, plumbing, electric work and plastering is specified. The wainscot will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once. The building is located at the southwest corner of Geary and Masonic avenue, opposite the new baseball park.

GARAGE—1 and 2 story and base, reinforced concrete, \$50,000. San Francisco. Architect, C. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, B. Davidson. This work has been mentioned here before when plans were first started. The owner has secured additional property and has had plans revised for a much larger building. The structure will be erected at the corner of Pacific and Van Ness avenues and will be practically fireproof. Interior will be finished in pine, hardwoods and tile. There will be a cement first floor, metal window sash and frames and

vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans provide for patent store fronts and plate glass windows. Plans are complete and figures are being taken.

STREET WORK AND SEWERS—Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. The Constructing Quartermaster's office at Fort Mason will shortly call for figures for extensive electric installation at Quartermaster Dock No. 2 and for sewer construction at Fort Mason. Advertisement will appear in the Daily Pacific Builder during the next week. Plans are being prepared for 23 buildings to replace the present frame buildings composing the Quartermaster Stables.

WAREHOUSES—2 3-story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. Bids opened for this work on November 22 show M. Fisher low on both buildings at \$123,553. Twenty-six figures were submitted. A complete list of all bids will be found under the heading of San Francisco in this issue.

HOTEL—4 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner's name withheld. The building will be erected on a corner lot and will be arranged for stores on the first floor and in the neighborhood of 35 guest rooms on the upper floors. There will be steam heat and elevator service. Hot and cold running water will be supplied to all rooms. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. Metal store fronts and plate glass windows are specified. Plans are now being prepared.

HOTEL—6 story and base, reinforced concrete, \$45,000. San Francisco. Architect, Frank S. Holland, 100 Haight street, S. F. Owners, Estate of Reuben H. Lloyd. This work has been mentioned here several times before. Figures have been taken and contracts will be awarded this week. The building has been designed for a commercial and family hotel.

LIBRARY—1 story and base, Class A construction, \$45,000. San Francisco. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, City and County of San Francisco. Architects Bliss & Faville have completed working drawings for the Richmond Branch of the San Francisco Libraries. The building will be erected on the west line of Ninth Ave, north of Geary street, and has been designed for a one-story classic structure costing \$45,000. Construction will be of the reinforced concrete type and practically fireproof. Interiors of the reading rooms, lecture room and rest room will be finished in oak, while the balance of the interior finish will be of pine. Composition and maple floors will be used. Plans provide for steam heat, a vacuum cleaning system and other modern improvements. Exterior of the building will be faced with Mantl stone, Raymond granite and terra cotta. Roof trusses will be of steel. Plans have received the approval of the Library Trustees and figures will shortly be called.

SCHOOL—2 story and base, reinforced concrete and frame. Cost not stated.

San Francisco. Architect, City and County of San Francisco. The building, to be erected at the southwest corner of 15th and Capp streets, will be known as the Marshall School. Construction will be of the slow burning type, the walls to the second floor line being of reinforced concrete with reinforced concrete stairs and corridors. Plans have been arranged for 16 class rooms, assembly hall and principal's office. Interiors will be finished in pine and hardwood. Maple floors will be used in the class rooms. There will be steam heat, vacuum cleaning system and program clocks. Separate figures are now being taken for the general construction, heating and ventilating, plumbing, electrical work. Bids will be opened on December 3rd. Plans and specifications can be secured from the Department of Architecture. An official proposal appears in another column of this issue.

OFFICE BUILDING—14 story and base, Class A construction, \$900,000 to \$1,000,000. San Francisco. Architect, J. Martin Haenke, Central Bldg., Los Angeles. Owner, Charles F. Sweeney. Architect Martyn J. Haenke has spent several days in this city in completing arrangements for the construction of the fourteen-story Class A office building, which is to be erected at the northeast corner of Montgomery and Bush streets, the former site of the Old Occidental Hotel. The property has passed into the hands of Charles Sweeney, the Spokane mining magnate. Architect Haenke stated to a representative that working drawings for the big structure costing between \$900,000 and \$1,000,000, were nearing completion in his Los Angeles offices, and that actual construction would be started early in the new year. The building will have a frontage on Montgomery street of 150 feet and 137½ feet on Bush. Since the announcement of the 26-story Hobart Building this is the largest undertaking announced by private capital in this city. Construction will be of the Class A type with a complete steel frame, exterior walls of brick and concrete faced with pressed brick and terra cotta. Floors will be of reinforced concrete and interior partitions of hollow tile. Halls and corridors will be finished in tile and marble with metal doors, moldings and casings. Plans will provide for vacuum cleaning, steam heat, modern elevator service and mail chutes. Segregated contracts will be let.

STORE ADDITION AND ALTERATION—Cost not stated. San Francisco. Architect, Henry Shermund, Mills Bldg., S. F. Owner, Frank Weiner, 79 Ellis street. This work will include new interior finish, new store fixtures, plumbing, electric work and plastering. Mr. Weiner has secured additional store space at 51 Ellis street adjoining his present store. Both stores will be opened in one and when complete the owner will have the most modern shoe store in the city. Plans for the work are being prepared.

Contracts Awarded.

CHURCH—2 story and base, Class A construction, \$160,000. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, First Congregational Church of San Francisco. Contractors, Stockholm and Allyn, Monadnock Bldg., S. F., general construction only. Contract price not stated.

Warehouse Bids Opened By C. Q. M.

M. Fisher Low Man For Two Large Reinforced Concrete Storehouses at Fort Mason.

Bids opened for the construction of two large reinforced concrete store houses, which are to be erected at the Transport Docks at Fort Mason, show M. Fisher low on proposition No. 1 at \$167,548 and on No. 2 at \$133,583. Clinton Fireproofing Co. were the next lowest bidders. Figures were taken as follows: Proposition No. 1, construction of both houses complete, except spiral chutes; prop. 2 construction only, both houses; Prop. 3 plumbing only, both houses; Prop. 4 electric work only, both houses; Prop. 5 elevator work, both houses; Prop. 6 spiral chutes, both houses; Prop. 7 deduct from Props. 1 and 2 for each marquee omitted; Prop. 8 deduct if shed roof over railroad tracks is omitted; Prop. 9 deduct if cement gun finish is omitted; Prop. 10 deduct if pile foundation is omitted and building is carried on concrete foundation; Prop. 11, deduct per cubic yard if rock is furnished by Government; Prop. 12 deduct if Clinton Fabri is used; Prop. 13 deduct if flat slab type of construction is used; Prop. 14 unit price per cubic yard for excavating; Prop. 15 unit price per cubic yard for filling; Prop. 16 unit price per cubic yard for concrete work; Prop. 17 unit price per pound for reinforcing steel.

Plans for the buildings were prepared under the direction of the Constructing Quartermaster's office at Fort Mason and figures were opened at that office. The following is a complete list of all bids received:

Store Houses, Fort Mason.

W. W. Anderson and Dan R. Wagner (2) \$179,300; (7) \$1,900; (8) \$8,250; (9) \$3,050; (10) \$17,500; (11) 90c; (14) 75c; if under 1000 cubic yards; \$1.75 if over 1000 cubic yards; (15) 45c; (16) \$7.00; (17) 3½c.

Edward D. Holmes (2) \$161,800; (7) \$2,160; (8) \$9,300; (9) \$4,700; (10) \$7,000; (11) \$1.30; (14) \$1.50; (15) 45c; (16) \$13; (17) 2 9-10c.

M. Fisher (1) \$167,548; (2) \$133,583; (3) \$6,010; (4) \$7.560; (5) \$20,395; (6) \$2,310; (7) \$2,521; (8) \$11,025; (9) \$1,404; (11) \$1.25; (12) \$8.60; add (13) \$2,700; (14) \$1.50; (15) 25c; (16) \$7.70; (17) 4c.

Lewis A. Hicks Co. (1) \$196,900; (2) \$165,000; (7) \$2,500; (8) \$11,000; (9) \$4,800; (10) \$10,500; (11) \$1.25; (12) \$5.00; (13) \$2,000; (14) \$1.25; (15) 70c; (16) \$10; (17) 3½c.

H. D. Tittle (4) \$5,864. Ringrose & Vogt (2) \$146,733 (7) \$1,235; (8) \$7,622; (9) \$1,300; (11) \$1.20; (14) \$1.50; (15) 25c; (16) \$9.00; (17) 3c.

William P. Scott (3) \$5,565. Charles Wright (1) \$192,148; (2) \$162,495; (3) \$5,873; (4) \$4,895; (5) \$18,885; (6) \$2,100; (7) \$2,115; (8) \$10,117; (9) \$4,800; (10) \$5,200; (12) \$900; add (13) \$700; add (14) \$1.50; (15) 25c; (16) \$6.40; (17) 3½c.

Burnham Plumbing Co. (3) \$5,843; (4) \$1,636.

Frank M. Garden & Co. (2) \$143,471; (7) \$9,100; (8) \$9,100; (9) \$5,100; (10) \$5,500; (11) 90c; (13) \$2,200; (14) \$1.50; (15) 25c; (16) \$9.50 and \$11.00; (17) 3c.

Clinton Fireproofing Co. (1) \$173,000;

(2) \$144,000; (3) \$5,565; (4) \$4,200; (5) \$18,900; (6) \$2,100; (7) \$2,250; (8) \$10,700; (9) \$700; (10) \$10,000; (11) \$1.00; (14) \$1.00; (15) 25c; (16) \$10; (17) 4c.

Butte Eng. & Elec. Co. (4) \$4,790. The Haslett Warehouse Co. (6) \$1,575. McFell Elec. Co. (4) \$4,795.

Otis Elev. Co. (5) \$18,885; (6) \$2,100. Neil A. McLean (2) \$182,000; (7) \$1,500; (8) \$5,700; (9) \$3,000; (10) \$12,000; (11) \$1.35; (14) \$1.50; (15) \$1.50; (16) \$14.00; (17) 4c.

F. Roland (1) \$209,000 (2) \$179,000; (7) \$1,950; (8) \$9,500; (9) \$3,900; (10) \$3,000; (11) \$1.30; (12) \$1.00; (13) \$3,513 (14) 75c; (15) 25c; (16) \$7.50; (17) 3½c.

San Francisco Bridge Co. (1) \$171,200; (2) \$138,615; (7) \$1,800; (8) \$7,800; (9) \$1,200; (10) \$1,000; (11) 95c; (14) 50c; (15) 20c; (16) \$5.00; (17) 3c.

Globe Elec. Works (4) \$4,200. Howard S. Williams (1) \$185,000; (3) \$5,483; (4) \$4,411; (5) \$19,829; (6) \$2,265 (7) \$2,238; (8) \$9,738; (9) \$5,670; (10) \$2,625; (11) \$1.10; (12) \$5.25; (14) \$1.60; (15) 27c; (16) \$11.80.

Southwestern Constr. Co. (2) \$161,200; (7) \$2,000; (8) \$8,000; (9) \$2,000; (10) \$5,000; (11) \$1.10; (14) \$2.00; (15) 40c; (16) \$10; (17) 4c.

Connary-Peterson Co. (1) \$192,000; (2) \$159,000; (3) \$7,500; (4) \$5,000; (5) \$19,500; (6) \$2,200; (7) \$2,000; (8) \$9,000 (9) \$2,500; (10) \$5,000; (11) \$1.00; (12) \$500; (14) \$1.50; (15) 25c; (16) \$12; (17) 3½c.

Rolph Mills & Co. (6) \$1,986. Spencer Elevator Co. (5) \$22,000.

Sound Constr. & Eng. Co. (1) \$185,764; (2) \$154,560; (3) \$5,700; (4) \$1,550; (5) \$17,800; (6) \$2,000; (7) \$1,700; (8) \$7,800; (9) \$4,000; (10) \$10,000; (11) \$1.05; (14) \$1.50; (15) 40c; (16) \$6.50; (17) 3c.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
4208	St. Ignatius	Greco	450
4209	Dowd	Murray	5447
4210	Guglieri	Sangiocomo	4500
4211	Conelli	Elvin	2992
4212	Sacred Heart	Gen Eng	2630
4213	Same	Gen Eng	564
4214	Burnett	Comyns	3100
4215	Knauer	Petersen	1225
4216	Same	Holm	13637
4217	Cowell	Contra Costa	7517
4218	P. J. E.	Turner	5775
4219	P. J. E.	Atlas	54977
4220	Windeler	Dahlberg	4500
4221	Rushford	Rushford	5000
4222	Same	Same	5000
4223	Nelson	McNelson	2500
4224	Same	Same	2500
4225	Same	Same	2500
4226	Heyman	Heyman	2000
4227	Atkinson	Bleth	400
4228	Ardis	Ardis	1000
4229	Tobey	Todhunter	500
4230	Hayes	Wade	800
4231	Niland	Niland	400
4232	Yenke	Hanson	400
4233	Fung Quan	Brand	450
4234	Filippo	Kessler	400
4235	Ocean Side Am.	Elliot	8600
4236	Brun	Malina	2715
4237	Marino	Durham	3050
4238	Gray	Bodine	1800
4238	Arch Light Imp.	Butte	1250
4240	Mullen	McCarthy	400
4241	Koenigstein	Hanson	2750
4242	Hutchinson	Hutchinson	1000
4243	Downey	Downey	1000
4244	Lowndes	Gen. Bldg	500
4245	Temple Bar	Novelty	400
4246	Welgand	Novelty	400
4247	Weaver	Klyce	400
4248	McCarthy	McCarthy	450
4249	Baynolds	Baynolds	450
4250	Sears	Sears	500
4251	Dairy Del.	Dairy Del	400
4252	Courtyer	Burneoul	500
4253	Campbell	Orchard	1400
4254	Hutton	Hutton	1900
4255	Brun	Ernst	1614
4256	Schaffer	Witzelsberger	2340
4257	Wagner	Pennell	733

4258	Schwartz	Johnson	2600
4259	Hermann	Prasso	4550
4260	Flood	Morehouse	8600
4261	Harris	Western	1250
4262	Anderson	Anderson	6900
4263	De Wolf	Helms	2000
4264	Ward	Turner	3000
4265	Eliaser	Olsen	5000
4266	Hibernia	Hjul	5000
4267	Spelt	Spelt	1000
4268	Hoadley	Ralston	550
4269	Bradley	Cole	1000
4270	Am. Jaslone	Owner	400
4271	W'n Adv	Williams	400
4272	Ernst	Ernst	400
4273	Stlavette	Stlavette	400
4274	Barry	Chisholm	400
4275	Parquharson	Collman	7500
4276	Rulfs	Forderer	2900
4277	Richtenberger	Munster	2850
4278	Oden	Pasquettii	750
4279	Maris	Ford	1200
4280	Levy	Levy	700
4281	Tamura	Konmotos	440
4282	Smith	Bower	1000
4283	Buckbee	Swenson	450
4284	Johnson	Bank	450
4285	Wagner	Fennell	800
4286	Butterfield	Grahn	1500
4287	U. S. Bldg	Allien	1900
4288	Galtie	Collin	2000
4289	O'Neill	Pearson	1100
4290	Eliaser	Johnson	5200
4291	McGraw	Haun	1056

(4208) **NE FULTON AND PARKER**
Ave E 175xN 275. Terrazzo basement
floors for brick church building.
Owner.....The President & Board of
Trustees of St. Ignatius
College.

Architect...Chas. J. I. Devlin, Pacific
Bldg., San Francisco.
Contractor...M. H. Gnecco.
Filed Nov. 17, '13. Dated Oct. 29, '13.
Usual 35 days.....\$255
TOTAL COST, \$255
Bond, none. Limit, 20 days. Forfeit,
\$10. Plans and specifications filed.

(4209) **W FIFTH AVE 225 N Clement**
N 25xW 120. All work for two-story
frame flats.
Owner.....John Dowd, 253 5th Ave.,
San Francisco.

Architect...Plans by Contractor.
Contractor...T. Roy Murray, 116 10th
Ave., San Francisco.
Filed Nov. 17, '13. Dated Nov. 10, '13.
2nd floor joists set.....\$1000.00
Frame up1000.00
Brown coated1250.00
Completed and accepted.....835.31
Usual 35 days.....1361.77
TOTAL COST, \$5447.03
Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(4210) **S VALLEJO 202-10½ E Mason**
20x60. All work except painting, etc.,
for three-story frame flats.
Owner.....Dr. A. A. Guglieri, 260
Columbus Ave., S. F.

Architect...Zanolini & Jewett, 604
Montgomery, S. F.
Contractor...G. Sangliacomo.
Filed Nov. 17, '13. Dated Nov. 12, '13.
75% as follows:
Frame up, rough plumbing and
electric work done and roof on..
Enclosed and plastered.....
Completed and accepted.....
Usual 35 days.....25%
TOTAL COST, \$4500
Bond, \$2500. Sureties, D. Sangliacomo
and F. Giotelli. Limit, 90 days. For-
feit, \$5. Plans and specifications filed.

(4211) **LOT 14 BLK 24 Forest Hill.**
All work for one and one-half-story
frame residence.
Owner.....George E. Covell, 61 De-
visadero, San Francisco.

Architect...None.
Contractor...Arthur Elvin, 3554 23rd,
San Francisco.

Filed Nov. 17, '13. Dated Nov. 10, '13.
Frame up and roof sheathed.....\$1122
Completed and accepted.....1122
Usual 35 days.....748
TOTAL COST, \$2292

Pend, none. Limit, 60 days from filing.
Forfeit, none. Plans and specifications
filed

(4212) **NW JACKSON AND SCOTT N**
127-8½xW 137-6. Hot water heating
system for three-story brick and
frame building (Chapel Wing Addi-
tion) and alterations to hot water
system in present building.

Owner.....Academy of the Sacred
Heart.

Architect...Chas. J. I. Devlin, Pacific
Bldg., San Francisco.

Contractor...General Eng. Co, 281 Na-
toma, San Francisco

Filed Nov. 17, '13. Dated Sept. 29, '13.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$2630

Bond, \$1400. Surety, Globe Indemnity
Co. Limit, 30 days after completion of
carpenter work. Forfeit, \$25. Plans
and specifications filed.

(4213) **HOT WATER HEATING SYS-**
tem for two-story frame building
(Conservatory of Music) on above.

Contractor...General Eng. Co, 281 Na-
toma, San Francisco

Filed Nov. 17, '13. Dated Sept. 29, '13.
Payments same as above.....

TOTAL COST, \$564
Bond, \$300. Surety, Globe Indemnity
Co. Limit, 30 days after completion of
carpenter work. Forfeit, \$25. Plans
and specifications filed.

(4214) **SW LARKIN AND O'FARRELL**
Tin, galvanized iron work, etc., for
six-story and basement reinforced
brick and concrete apartments.

Owner.....G. G. Burnett Estate Co, by
Harry C. Warwick, 180
Jessie, San Francisco.

Architect...C. H. Skidmore, 68 Post,
San Francisco.

Contractor...Comyns & Nygren, 427
Valencia, San Francisco.

Filed Nov. 17, '13. Dated Oct. 29, '13.
On 1st of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$3100
Bond, none. Limit, as fast as required.
Forfeit, none. Plans and specifications
none.

(4215) **S PACIFIC AVE 62-6 W Bu-**
chanan S 127-8½ W 6-3 S 37-8½ W
34-4½ N 37-8½ E 7-6 N 127-8½ E 40
WA 267. Plumbing, gas fitting,
sewerage, etc., for two-story and
basement frame flats.

Owner.....Mrs. A. B. S. Knauer, Sacra-
mento, Cal.

Architect...H. Gellfuss & Son, 46
Kearny, San Francisco.

Contractor...Peterson-James Co, Inc.,
710 Larkin, San Francisco.

Filed Nov. 17, '13. Dated Nov. 4, '13.
Roughed in\$405
Completed and accepted.....405

Usual 35 days.....415
TOTAL COST, \$1225

Bond, \$612.50. Sureties, C. W. Morris
and Chas. Lauffer. Limit, 10 days after

completion of carpenter work. Forfeit,
\$10. Plans and specifications filed.

(4216) **CONCRETE, CARPENTER, MILL**
roofing, stairs, glazing, hardware,
plastering, etc., on above.

Contractor...Holm & Son, 68 Post, S. F.
Filed Nov. 17, '13. Dated Nov. 4, '13.

Frame up\$2550
Brown coated.....2550

White coated2550
Completed and accepted.....2577

Usual 35 days.....2410
TOTAL COST, \$13,637

Bond, \$6818.50. Sureties, Thos. E. Shu-
mate and D. O. Druffel. Limit, 90 days.
Forfeit, \$10. Plans and specifications
filed.

(4217) **INTR. NW MARKET AND W**
East N to S in of Commercial W along
Commercial to a pt 481-8 E Drumm
S 59-9 E 45-8 S 59-9 E along Sacra-
mento to Market NE to beg. Exca-
vating, bulkheading, pile driving,
setting of piles, pumping, etc., for 2-
story Class "C" building.

Owner.....Henry Cowell Lime & Ce-
ment Co., 9 Main, S. F.

Architect...Henry H. Meyers, Kohl
Bldg., San Francisco.

Contractor...Contra Costa Constr Co.,
Sheldon Bldg., S. F.

Filed Nov. 17, '13. Dated Nov. 12, '13.
On 1st of each month commencing
Dec. 1, 1913 payments of.....75%

Usual 35 days, 25%.....\$1879.37½
TOTAL COST, \$7517.50

Bond, \$3758.25. Surety, New England
Casualty Co. Limit, 50 days. Forfeit,
\$100. Plans and specifications filed.

(4218) **EXPOSITION GROUNDS.** In-
stallation of hot water heating sys-
tem for Horticultural Bldg.

Owner.....Panama-Pacific Interna-
tional Exposition Co, Ser-
vice Bldg., San Francisco.

Architect...Bakewell & Brown, 251
Kearny, San Francisco.

Contractor...The Turner Co, 273 Na-
toma, San Francisco.

Filed Nov. 17, '13. Dated Nov. 11, '13.
As work progresses.....75%

Usual 35 days.....25%
TOTAL COST, \$7575

Bond, \$4000. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 180 days.

Forfeit, \$10. Plans and specifications
filed.

(4219) **BLK BDED BY GROVE, LAR-**
kin, Hayes and Polk. Installation of
heating and ventilating system for
Auditorium Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co, Ser-
vice Bldg., San Francisco.

Architect...Frederick H. Meyer, John
Galen Howard and John
Reid, Jr., 604 Mission, S. F.

Contractor...Atlas Heating & Ventilat-
ing Co, 4th and Freelon,
San Francisco.

Filed Nov. 17, '13. Dated Nov. 11, '13.
As work progresses.....75%

Usual 35 days.....25%
TOTAL COST, \$54,977

Bond, \$30,000. Surety, Fidelity & De-
posit Co. of Maryland. Limit, Sept. 30,
1914. Forfeit, \$25. Plans and specifica-
tions filed.

(4220) S HAIGHT 90 E Clayton E 28xS 100. Excavating, concrete, brick, carpenter, mill, lath, plaster, glazing roofing, etc., for one-story brick bakery.

Owner.....W. F. Windeler, 254 Alma, San Francisco.

Architect...Alfred I. Coffey, Humboldt Bank Bldg., S. F.

Contractor...A. Dahlberg, 3325 Sacramento, San Francisco.

Filed Nov. 17, '13. Dated Nov. 15, '13.

When ceiling joist high.....\$1500

Roof on, concrete floor laid and rough plaster set..... 875

Completed and accepted..... 1000

Usual 35 days..... 1125

TOTAL COST, \$4500

Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(4221) W NINTH AVE 225 S Cabrillo. Two-story and basement frame flats.

Owner.....C. A. Rushton, 714 9th Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(4222) W NINTH AVE 200 S Cabrillo. Two-story and basement frame flats.

Owner.....C. A. Rushton, 714 9th Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(4223) E SIXTEENTH AVE 25 N California. Two-story and basement frame residence.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work. COST, \$2500

(4224) NE CALIFORNIA AND 16TH AVE. Two-story and basement frame residence.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work. COST, \$2500

(4225) E SIXTEENTH AVE 50 N California. Two-story and basement frame residence.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work. COST, \$2500

(4226) W SEARS 485 S Sickles. Two-story and basement frame dwlg.

Owner.....Oscar Heyman & Bro, 742 Market, San Francisco.

Architect...None.

Day's work. COST, \$2000

(4227) NO. 1023 BROADWAY. One-story frame school.

Owner.....Miss K. M. Atkinson, Prem.

Architect...None.

Contractor...E. C. Bletch, 120 Burnett Ave., San Francisco.

Architect...None.

Day's work. COST, \$1000

(4229) NO. 2609 LARKIN. Add window, change partition and plumbing

and install electric lights.

Owner.....Miss Alida Tobey, 2615 Larkin, San Francisco.

Architect...None.

Contractor...Geo. C. Todhunter, 446 29th Ave., San Francisco.

COST, \$500

(4230) NO. 1411 TWENTIETH. New foundation and underpinning, new plumbing and add one room.

Ower.....Mrs. A. Hayes, Premises.

Architect...M. W. Johnson, 455 Staples Ave., San Francisco.

Contractor...Wade & Carlsen, 597 Du-boce Ave., San Francisco.

COST, \$800

(4231) NO. 331 CHENERY. Add two room in attic.

Owner.....Mrs. Niland, Premises.

Architect...None.

Day's work. COST, \$400

(4232) NO. 3171 CALIFORNIA. New stairs and entrance floor.

Owner.....C. H. Venker, 3397 Sacramento, San Francisco.

Architect...None.

Contractor...Peter Hansen, 1833 Green, San Francisco.

COST, \$400

(4233) NO. 532 GRANT AVE. Alter and repair second floor of building.

Owner.....Fung Quan, 1060 Stockton, San Francisco.

Architect...Curtis Tobey.

Contractor...Brandt & Stearns, 612 Hearst Bldg., S. F.

COST, \$450

(4234) W ELEVENTH AVE 125 N Geary. Excavate, concrete foundation, etc.

Owner.....Vincent Filippo, 375 11th Ave., San Francisco.

Architect...None.

Contractor...B. Kessler, 448 Mondanock Bldg., San Francisco.

COST, \$400

(4235) W CLIFF AVE NE side of Cliff House on site known as Cliff House Stables All work except electric fixtures for one-story frame stores.

Owner.....Ocean Side Amusement Co.

Architect...Plans by owner.

Contractor...E. W. Elliot, 180 Jessie, San Francisco.

Filed Nov. 18, '13. Dated Nov. 18, '13.

Bracing done in basement and 1st floor posts set.....\$250

Roof on, wiring roughed in and plumbing roughed in..... 250

Completed and accepted..... 250

Usual 35 days..... 250

TOTAL COST, \$800

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(4236) S O'FARRELL 27-6 W Gough W 55xS 107-6. Alterations and additions to three-story and basement and attic frame building.

Owner.....Mrs. Emma Brun, 4724 17th San Francisco.

Architect...Oliver Everett, 1940 Webster, San Francisco.

Contractor...C. E. McMullin & Co., 523 Cole, San Francisco.

Filed Nov. 18, '13. Dated Nov. 12, '13.

Fire escapes in place and plaster on\$ 500

Plastering done 500

Completed and accepted..... 1035

Usual 35 days..... 680

TOTAL COST, \$2715

Bond, \$1360. Sureties, B. J. Gallagher and H. J. Schober. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(4237) W DEVISADERO 100 S Hayes S 25xW 106-3. Alterations and additions to a two-story frame store and dwelling.

Owner.....D. A. Marino, 1262 7th Ave., San Francisco.

Supt.P. H. Bosworth.

Contractor...F. J. Durham, 1443 Fillmore, San Francisco.

Filed Nov. 18, '13. Dated Nov. 12, '13.

Payments of 75% of amount of receipted bills as work progresses

Usual 35 days..... 25%

TOTAL COST, \$3050

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(4238) E NINETEENTH AVE 175 N Taraval N 25x E 120 OL 1120. All work for one-story frame store.

Owner.....Mrs. B. B. Gray.

Architect...Plans by Contractor.

Contractor...Bodine & Norman.

Filed Nov. 19, '13. Dated Nov. 17, '13.

Foundation in, floor joists on and all framing lumber on ground.....\$900

Balance on completion..... 900

TOTAL COST, \$1800

Bond, none. Limit, 3½ months. Forfeit, \$50. Plans and specifications filed.

(4239) AT TWENTY-FIFTH AND Mission. Illuminating arch.

Owner.....Executive Committee of the Arch Light Improvement Company.

Architect...None.

Contractor...Butte Eng. & Elec. Co., 683 Howard, San Francisco.

Filed Nov. 19, '13. Dated Nov. 4, '13.

Steel work delivered on ground

.....\$750.00

Completed 187.50

Usual 35 days..... 312.50

TOTAL COST, \$1250.00

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(4040) N TWENTY-EIGHTH 177-4 E Sanchez. Roof, plumbing, plastering, painting, hardware, gas fixtures and window shades for building.

Owner.....Thos. and Margt. Mullen, 1528 Sanchez, S. F.

Architect...None.

Contractor...Thos. McCormick, 25 Gladys, San Francisco.

Filed Nov. 19, '13. Dated Nov. 12, '13.

Roof shingled and rough plumbing in\$500

House plastered, one coat paint on outside and finish plumbing on job 500

Usual 35 days..... 440

TOTAL COST, \$1440

Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

(4241) W DELANO AVE 225 S San Juan Ave. All work for one-story and basement frame residence.

Owner.....Hanson & Koelngsthal, 155 Delano Ave., S. F.

Architect...F. A. Hanson.

Contractor...R. Hanson, 155 Delano Ave San Francisco.

Filed Nov. 19, '13. Dated Sept. 4, '13.

Frame up\$750

Brown coated 750

Job completed 500

Usual 35 days..... 750

TOTAL COST, \$2750

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4242) NE TOMASA 86-3 W Butler.
Repair fire damage.
Owner.....W. S. Hutchinson, 1306-A
Shotwell, San Francisco.
Architect...None.
Day's work. COST, \$1000

(4243) S MINNA 205 W First. Add 1-
story brick to building.
Owner.....A. Downey, Premises.
Architect...None.
Day's work. COST, \$1000

(4244) NO. 1915 BUSH. Add to con-
crete foundation and minor repairs.
Owner.....H. London, 605 Sansome,
San Francisco.
Architect...None.
Contractor..General Bldg. Work Co.,
712-714 Sansome, S. F.
COST, \$400

(4245) NE FIFTH AND STEVENSON.
Electric sign.
Owner.....Temple Hotel Bar, Prem.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$500

(4246) NO. 550 O'FARRELL. Electric
sign.
Owner.....W. Weigand, Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

(4247) NOS. 77 AND 81 ELLIS. Erect
balcony, shelves, build stair case and
seats.
Owner.....Frank Weaver, 81 Ellis,
San Francisco.
Architect...Henry Shermund, 803 Mills
Bldg., San Francisco.
Contractor..H. A. Klyce, 1053 Monad-
nock Bldg., San Francisco.
COST, \$400

(4248) NO. 620 NATOMA. Add two
room and bath.
Owner.....B. McCarthy, Premises.
Architect...None.
Day's work. COST, \$450

(4249) NE BRAZIL & LISBON. Add
two rooms, concrete foundation and
rat proof.
Owner.....V. Davinolo, Premises.
Architect...None.
Day's work. COST, \$450

(4250) W TWENTY-FIFTH AVE 308
N Geary. One-story frame studio.
Owner.....Welton Sears, 449 25th Ave.
San Francisco.
Architect...None.
Day's work. COST, \$500

(4251) N NINETEENTH 105 E Guer-
rero. Reinforcing and strengthening
wooden tank.
Owner.....Daily Delivery Co., Prem.
Architect...C. F. Wieland, 703 Market,
San Francisco.
Day's work. COST, \$400

(4252) S FILBERT 130 W Webster.
One-story frame garage.
Owner.....G. A. Courtier, 2133 Filbert,
San Francisco.
Architect...None.
Contractor..Jerome Barnconi, 3354
Stelner, San Francisco.
COST, \$500

(4253) NO. 3217 TWENTY-FOURTH.
Brick bake oven.

Owner.....G. Campini, Premises.
Architect...None.
Contractor..S. Orchard, 38 Romain,
San Francisco.
COST, \$500

(4254) E FRANKLIN 110 S Vallejo.
Add to and repair present building.
Owner.....H. W. Hutton, 527 Pacific
Bldg., San Francisco.
Architect...Coates & Traver, Hearst
Bldg., San Francisco.
Day's work. COST, \$1900

(4255) S O'FARRELL 27-6 W Gough
W 55xS 107-6. Plumbing, sewerage
and gas fitting for remodeling frame
buildings; Nos. 1207 to 1221 O'Far-
rell street.
Owner.....Mrs. Emma Brun, 4724 17th,
San Francisco.
Architect...Oliver Everett, 1940 Web-
ster, San Francisco.
Contractor..Henry Ernst & Sons, 633
Hayes, San Francisco.

Filed Nov. 20, '13. Dated Nov. 12, '13.
Rough work in.....\$650
Completed and accepted.....559
Usual 35 days.....405
TOTAL COST, \$1614
Bond, \$850. Sureties, Geo. W. Springer
and E. Nolan. Limit, 60 days. Forfeit,
\$5. Plans and specifications filed.

(4256) SW TENTH 162-6 NW Harri-
son NW 25xSW 109. All work for two
story frame dwelling and one-story
corrugated iron shed.
Owner...Lorentz and Frieda Schaffer
Architect...Palch & Knoll, Hearst
Bldg., San Francisco.

Contractor..J. Witzelsberger, 126
Rousseau, San Francisco.
Filed Nov. 20, '13. Dated Nov. 14, '13.
Rustic and roof boards on.....\$385
Brown coated.....585
Completed and accepted.....585
Usual 35 days.....585
TOTAL COST, \$2340
Bond, \$1200. Sureties, Geo. Wollensch-
laeger and Elmo Collins. Limit, 60
days. Forfeit, \$5. Plans and specifica-
tions filed.

(4257) NOS. 518, 520, 522 SUTTER.
Support and underpinning for three-
story concrete building.
Owner.....Henry L. Wagner, Prem.
Architect...Albert Farr, 68 Post, S. F.
Contractor..Jas. S. Fennell, 150 Jessie,
San Francisco.

Filed Nov. 20, '13. Dated Nov. 10, '13.
Completed and accepted.....\$733
TOTAL COST, \$733
Bond, none. Limit, 15 days. Forfeit,
none. Plans only filed.

(4258) S TURK 112-6 W Larkin W 25x
S 137-6. Brick work for two-story
and basement building.
Owner.....Adolph Schwartz, Kearny &
Commercial, San Francisco.
Architect...None.
Contractor..C. D. Rankin, 724 Gough,
San Francisco.
Sub-Contractor..J. M. Johnson.

Filed Nov. 20, '13. Dated Nov. 6, '13.
2nd story floor joists set and
rough flooring laid.....\$1000
Brick work completed.....1000
Rough plastering completed.....300
Building completed and accepted 300
TOTAL COST, \$2600
Bond, limit, forfeit, plans and speci-
fications, none.

(4259) S JOHN 183-6 E Mason E 23xS
60. All work except grate, mantel,

finish hardware, gas fixtures and
shades for three-story frame flats.
Owner.....C. Herrmann, 63 John, S. F.
Architect...None.
Contractor..Pietro Prasso, 370 Lombard
San Francisco.

Filed Nov. 19, '13. Dated Nov. 18, '13.
Frame up and roof on.....\$137 50
Brown coated.....1137 50
Completed and accepted.....1137 50
Usual 35 days.....1137 50
TOTAL COST, \$4550 00

Bond, \$2250. Surety, United States Fi-
delity & Guaranty Co. Limit, 90 days.
Forfeit, none. Plans and specifications
none.
NOTE.—Wm. A. Newman, Hewes Bldg.,
drew the plans for the above.

(4260) N BROADWAY 68-9 W Webster
W 148-9xN 275. Metal furring, lath-
ing and plastering up to 1st floor, also
bath rooms, all elevator and dumb
waiters shafts, etc., for building.
Owner.....Jas. L. Flood, Flood Bldg.,
San Francisco.

Architect...Bliss & Faville, Balboa
Bldg., San Francisco.
Supt.....Mahoney Bros., Crocker
Bldg., San Francisco.
Contractor..C. C. Morehouse, Sharon
Bldg., San Francisco.
Filed Nov. 20, '13. Dated Nov. 18, '13.
On 1st of each month.....75%
Usual 35 days, 25%.....\$2150
TOTAL COST, \$5800

Bond, Guaranty bond in favor of owner
Sureties, T. M. McLachlan and W. L.
Petersen. Limit, 65 days. Forfeit, \$25.
Plans and specifications filed.

(4261) N BROADWAY 171-10½ W
Grant Ave W 68-9xN 137-6. Sheet
metal, tin work, cornice and galvan-
ized iron and iron work for two-
story Class "A" theatre building.
Owner.....Nellie Harris.
Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.

Contractor..Western Furnace & Cor-
nice Co., 74½ Loward, S. F.
Filed Nov. 20, '13. Dated Nov. 18, '13.
Work installed.....\$461.25
Completed and accepted.....142.75
Note payable 6 months fm date 625.00
TOTAL COST, \$1230.00

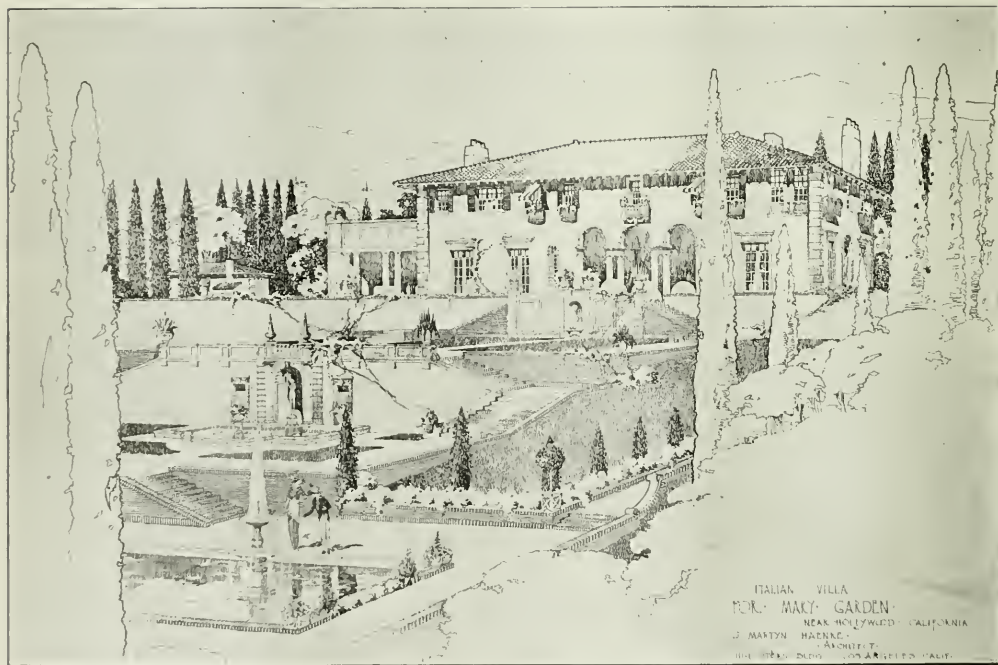
Bond, \$615. Surety, Aetna Accident &
Liability Co. Limit, as soon as possible
Forfeit, none. Plans and specifications
filed.

(4262) E FIFTEENTH AVE 125 N
California. Two-story and basement
frame residence.
Owner.....O. E. Anderson.
Architect...Edward F. Helms, 1334
Church, San Francisco.
Day's work. COST, \$6000

(4263) GORE COR. CALIFORNIA AN
Fifth Ave. One-story frame office.
Owner.....Wm. De Wolf, 189 6th Ave.,
San Francisco.
Architect...None.
Contractor..Edward F. Helms, 1334
Church, San Francisco.
COST, \$2000

(4264) NO. 2700 BROADWAY. Alter
stable into dwelling.
Owner.....Dr. Florence Ward, Prem.
Architect...None.
Contractor..R. L. Turner, 3137 Peralta
Ave, Oakland.
COST, \$3000

(4265) SW PRECITA AND FOLSOM.
Three-story and basement frame
store and flats.



ITALIAN VILLA FOR MARY GARDEN
 Near Hollywood, Cal.

J. Martyn Haenke, Architect
 Los Angeles



ARMIGO UNION HIGH SCHOOL
Fairfield, Cal.

Henry C. Smith, Architect
San Francisco

Owner.....John Ellasen, 1633 Shot-
well, San Francisco.
Architect...None.
Contractor...Olof Johnson & Carl Olson,
55 Van Buren, S. F.
COST, \$5000

(4266) S MINNA 122 E Second. Erect
brick fire wall.
Owner.....Hibernia Savings & Loan
Society.
Architect...None.
Contractor...J. Hjul, Merchants Ex-
change Bldg., S. F.
COST, \$500

(4267) S DAY 205 W Castro. One-
story and basement frame dwlg.
Owner.....A. W. Spelt, 539 Day, S. F.
Architect...None.
Day's work. COST, \$1000

(4268) NO. 118 COMMONWEALTH AVE
Minor repairs to dwelling and add
concrete foundation
Owner.....G. O. Hoadley, Premises.
Architect...None.
Contractor...F. F. Ralston, 132 Com-
monwealth Ave S. F.
COST, \$550

(4269) NO. 2661 BROADWAY. Erect
porch.
Owner.....F. W. Bradley, Premises.
Architect...Plans by Contractor.
Contractor...P. J. Cole, 110 Jessie, S. F.
COST, \$

(4270) SE ARMY AND KENTUCKY
One-story frame office.
Owner.....American Jasolene Co.,
Kohl Bldg., S. F.
Architect...None.
Day's work. COST, \$400

(4271) NOS. 239-265 GUERRERO.
One-story frame shed.
Owner.....Western States Adv. Co.,
236 Valencia, S. F.
Architect...None.
Contractor...H. Williams, 1012 Buchan-
an, San Francisco.
COST, \$400

(4272) E FORESTER 100 N Melrose.
One-story and basement frame dwlg.
Owner.....E. Ernst, 137 Genesee,
San Francisco.
Architect...None.
Day's work. COST, \$400

(4273) N GREENWICH 108 W Scott.
Erect retaining wall.
Owner.....A. Stuyette, 1946 Lombard,
San Francisco.
Architect...Paul F. De Martini, 451
Columbus Ave., S. F.
Day's work. COST, \$400

(4274) NO. 438 TENTH. Repair fire
damages.
Owner.....Mrs. Barry.
Architect...None.
Contractor...R. A. Chisholm, 180 Jessie,
San Francisco.
COST, \$400

(4275) W VAN NESS AVE 60 S Turk
S 32xW 109-9. All work except
elevator for one-story and basement
brick automobile store.
Owner.....Chas D. Farquharson, 801
Van Ness Ave., S. F.
Architect...Ralph W. Hart, Humboldt
Bank Bldg., S. F.
Contractor...Collman & Collman, 110
Jessie, San Francisco.
Filed Nov. 21, '13. Dated Nov. 18, '13.

Completion of grading.....\$ 900
On completion of setting of 1st
floor joists 1200
Completion of roof sheathing.. 1525
Completed 2000
Usual 35 days..... 1875
TOTAL COST, \$7500

Pond, \$3750. Surety, National Surety
Co. Limit, 75 days. Forfeit, \$10 Plans
and specifications filed.

(4276) SE PINE AND LEAVEN-
worth E 37-6xS 87-6. Unfinished
galvanized iron, ornamental cor-
nice, ornamental bay window work
and all other sheet metal work and
all patent flues for four-story and
basement brick apartment and store
building.

Owner.....Theodore E. Rulfs.
Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.
Contractor...Porderer Cornice Works,
269 Potrero Ave., S. F.
Filed Nov. 21, '13. Dated Nov. 21, '13.
Bay window and cornice com-
pleted\$1087.50
Completed and accepted..... 1087.50
Usual 35 days..... 725.00
TOTAL COST, \$2900.00

Bond, \$1450. Surety, National Surety
Co. Limit, none. Forfeit, none. Plans
and specifications, none.

(4277) N POST 75 — Baker N 100xW
25. All work except plumbing for a
one-story and basement frame resi-
dence.

Owner.....Herman Lichtenberger, 1443
Broderick, San Francisco.
Architect...Norman R. Coulter, 46
Kearny, San Francisco.
Contractor...Munster & Bornholdt, 1530
Broderick, S. F.
Filed Nov. 21, '13. Dated Oct. 28, '13.
Frame up and roof on.....\$1200
Completed and accepted..... 930
Usual 35 days..... 720
TOTAL COST, \$2850

Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(4278) E LEAVENWORTH 87 N Post.
Underpinning.
Owner.....Oden Co., Monadnock Bldg.
San Francisco.
Architect...None.
Contractor...J. Pasqualetti, 735 Market,
San Francisco.
COST, \$750

(4279) NOS. 951-957 BRANNAN. Add
to warehouse, concrete foundation
and floor.
Owner.....Maris Hardwood Co., Prem
Architect...S. H. Ford.
Contractor...C. Texdahl, 3035 Hearst
Bldg., San Francisco.
COST, \$1200

(4280) REAR NO. 55 CLARA. Annex
two-story drying and sleeping room
to laundry.
Owner.....M. Levy & Bros., 50 San-
some, San Francisco.
Architect...Wright & Rushforth, 571
California, San Francisco.
Day's work. COST, \$700

(4281) NO. 1809 POST. Add to build-
ing and tar and gravel roof.
Owner.....T. Tamura, Premises.
Architect...None.
Contractor...C. Kommotos, 1010 Stock-
ton, San Francisco.
COST, \$400

(4282) S CLEMENT 100 E 16th Ave.
New front and add three rooms and
bath.

Owner.....Mrs. A. M. Smith, 115 11th
Ave., San Francisco.
Architect...Phillip Schwerdt & Co.,
968 Phelan Bldg., S. F.
Contractor...Bower & Fann, 110 Jersey,
San Francisco.
COST, \$1000

(4283) NOS. 726-730 MISSION. Minor
repairs to store.
Owner.....S. G. Buckbee, 27 Mont-
gomery, San Francisco.
Architect...None.
Contractor...Peter Swenson, 239 Te-
hama, San Francisco.
COST, \$450

(4284) NO. 762 VALENCIA. Install
brick oven.
Owner.....Geo. W. Johnson, Premises
Architect...None.
Contractor...Bank-Mendelson Co., 997
Monadnock Bldg., S. F.
COST, \$450

(4285) NOS. 518-520 SUTTER. Under-
pin wall.
Owner.....Dr. H. L. Wagner, Prem.
Architect...Albert Farr, 65 Post, S. F.
Contractor...James S. Pennell, 180 Jes-
sie, San Francisco.
COST, \$800

(4286) W JULES 205 N Grafton. One-
story and basement frame dwlg.
Owner.....Henry Butterfield, 59 Mir-
amar Ave., San Francisco.
Architect...None.
Contractor...W. H. Grahn, 2840 Bryant,
San Francisco.
COST, \$1500

(4287) S CURTIS 175 SE Rolph. Two-
story and basement frame dwelling.
Owner.....U. S. Bldg., Realty & In-
vestment Society, I Rosen-
krans, Preside, Crocker
Bldg., San Francisco.
Architect...None.
Contractor...Allen Bros., 4525 Mission,
San Francisco.
COST, \$1900

(4288) E EIGHTH 150 S Folsom. Two
story brick residence and work shop.
Owner.....Louis Galie, 339 8th, S. F.
Architect...J. Roustan, 347 Lincoln
Way, San Francisco.
Contractor...J. Collin, 1524 Hyde, S. F.
COST, \$2000

(4289) E POLK 87-6 N Lombard; Nos.
2722, 2726 2730 2740 Polk. All
work except marble, terrazzo steps
and basement coping for alterations
and additions to residence and cot-
tages.
Owner.....Daniel J. O'Neill, 2740
Lombard, San Francisco.
Designer...Paul F. De Martini, 451
Columbus Ave., S. F.
Contractor...N. H. Pearson, 2737 22nd,
San Francisco.
Filed Nov. 22, '13. Dated Nov. 19, '13.
Buildings raised and underpinned. \$530
Completed and accepted..... 275
Usual 35 days..... 275
TOTAL COST, \$1100

Bond, \$530. Sureties, Fred Pearson and
Alfred North. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

(4290) S PRECITA AVE & FLORIDA
SW 25xSE 80. All work for three-
story frame store and flats.
Owner.....Jno. and Bergette Ellasen.
Architect...None.
Contractor...Olaf M. Johnson and Carl
Olson.
Filed Nov. 22, '13. Dated Nov. 6, '13.

Frame up\$1275
Brown coated 1275
Completed and accepted..... 1275
Usual 35 days..... 1275
TOTAL COST, \$5200

Bond, \$2600. Sureties, H. A. Norman and E. Peterson. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(4291) N GREEN 116-3/4 W Jones W 47xN 120. Excavation, grading, forms, concrete work, etc., for two-story and basement and attic frame residence.

Owner.....John McGaw, Mills Bldg., San Francisco.

Architect...Oscar Haupt, Phelan Bldg., San Francisco.

Contractor...C. C. W. Haun, 313 28th, San Francisco.

Filed Nov. 22, '13. Dated Nov. 21, '13. On commencement of concrete \$814.50
Usual 35 days..... 271.50
TOTAL COST, \$1086.00

Bond, none. Limit, 20 days after Nov. 25. Forfeit, none. Plans and specifications filed.

RELEASE OF CLAIM.

Nov. 17, 1913—N FULTON near Stanyan. Louis Heipner to J S Guerlin

FEES COLLECTED DURING THE MONTH OF OCTOBER BY THE BUREAU OF BUILDING INSPECTION.

Fees collected during the month of October in the Bureau of Building Inspection of the Board of Public Works amounted to \$1848.40. Fees collected by the same Bureau in October, 1912, amounted to \$2618.40.

NOTICE OF NON-RESPONSIBILITY.

Nov. 18, 1913—W STOCKTON 68-9 S Vallejo S 44xW 137-6. Della L Walsh as to improvements on leased property.....

NOTICE OF NON-RESPONSIBILITY.

Nov. 19, 1913—E TWENTY-FIFTH Ave 135 S Ulloa S 30xE 120. Parkside Realty Co of S. F. as to improvements on leased property....
Nov. 19, 1913—S JOHN 153-6 E Mason E 23xS 60. Pietro Prasso as to improvements on leased property....

COMPLETION NOTICES.

San Francisco.

Nov. 8, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Co by Clinton Fireproof Co to R F Woodall.....Oct. 29, 1913
Nov. 8, 1913—N CALIFORNIA 77-6 W Front 60-8 1/2xN 127-6. The Hill Estate Co to Butcher & Hadley.
Nov. 4, 1913—L Petersen.....Nov. 1, 1913
Nov. 8, 1913—S TWENTY-FOURTH 30 E Bryant—35 S 80 W 35 N 80. J A Rippe to Thos F Mitchell & Son.....Oct. 27, 1913
Nov. 8, 1913—S TWENTY-FOURTH 65 E Bryant E 35xS 80. J A Rippe to Jacob F Nielsen.....Nov. 1, 1913
Nov. 8, 1913—NE BUSH & GRANT Ave E 60xN 77-6. Louis Friedman to Wilson Elec Co and Leopold and C Mol'ath.....Nov. 6, 1913
Nov. 8, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E

75. S A Haas to R Rogers. Lacey Bros, J Steer and W L Bury.....
Nov. 10, 1913—NW JACKSON AND Drumm N 60xW 60. Thos W Butcher to Jno M and Antone Lettich (as Lettich Bros).....Nov. 8, 1913
Nov. 10, 1913—E TWENTY-THIRD Ave 125 N California N 25x120. Margaret and George Mountford to whom it may concern.....Oct. 30, 1913
Nov. 10, 1913—ON CALIFORNIA ST. side of Blk bounded by California, Sacramento, Jones and Taylor Sts. Grace Cathedral Cpn to John G Sutton Co.....Nov. 10, 1913
Nov. 10, 1913—E THIRTIETH AVE 250 S Irving S 25xE 120. Florence and Serena McCarthy to whom it may concern.....Nov. 10, 1913
Nov. 10, 1913—SE TAYLOR AND Geary E 87-6xS 137-6. Clift Est Co by P J Walker, Agts to Francis Dykes and Forsyth Wilkes, receivers Miliken Bros.....Nov. 7, 1913
Nov. 10, 1913—NW POST & MONTGOMERY. The First Federal Trust Co to Stanquist & Forbes.....Nov. 7, 1913
Nov. 10, 1913—SW SECOND 100 NW Townsend NW 50xSW 160. Moore Invest Co to Farrell & Reed.....Nov. 8, 1913
Nov. 10, 1913—E TWENTY-NINTH Ave 200 S Geary S 25xE 120. Adele Thias to James Tarbett and Fred Knott.....Oct. 30, 1913
Nov. 10, 1913—S JACKSON 106 W Polk W 35xS 127-8 1/4. Susan A Welch to J D Bell.....Nov. 7, 1913
Nov. 11, 1913—NE McALLISTER AND Devisadero N 25xE 100. Theodor Dierks to M Cohen, Nov. 6; Henry Ernst & Son, Nov. 6; W O Peterson.....Nov. 6, 1913
Nov. 11, 1913—E THIRTIETH AVE 125 N Kirkham N 25xE 120. John Bjorkman and Oscar Swanson to whom it may concern.....Aug. 18, 1913
Nov. 11, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/4. Sierra Investment Co to Butte Eng & Elec Co.....Nov. 11, 1913
Nov. 11, 1913—NE McALLISTER AND Devisadero N 25 — S 25 W 100. Theodor Dierks to Hetty Bros.....Nov. 6, 1913
Nov. 11, 1913—N BROADWAY 183-4 E Larkin E 91-8xN 137-6. Chas J U Koenig to whom it may concern.....Nov. 11, 1913
Nov. 11, 1913—S BUSH 137-6 W Powell S 137-6xW 46. W J O'Brien to Robert Dewar & Son, Joseph Heger, M Terranova & Co, Globe Elec Works, Victor Eng Co, Otis Elev Co, Guilfoyle Cornice Works, Marshall & Stearns & Co, P F Hendricks and Pacific Structural Iron Works.....Nov. 11, 1913
Nov. 11, 1913—CALIFORNIA STREET side of Blk bdd by Jones, California, Sacramento and Taylor. Grace Cathedral Corporation to Taylor & Goerliche.....Nov. 1, 1913
Nov. 12, 1913—V FIFTEENTH AVE 225 S Anza S 25xW 137-6. Robert R Sherman to Oscar W Thunberg.....Nov. 2, 1913
Nov. 12, 1913—S JERSEY 114 E Church S 114xE 25-6. E P and Emma Norman to J T McInnis.....Sept. 1, 1913
Nov. 13, 1913—SW HARRISON AND 21st W 125xS 425. The Ford Motor Co to Clinton Fireproofing Co.....Oct. 17, 1913
Nov. 13, 1913—W ORD (Clara Ave) 896 N 18th N 28xW 136. N J Lind

to whom it may concern.....Nov. 1, 1913
Nov. 13, 1913—W THIRTY-FIFTH Ave 275 S Cabrillo 25x120. Thos J Connolly to Segursion Bros.....Nov. 12, 1913
Nov. 13, 1913—E SAN GABRIEL AVE 75 S Capistrano Ave; Lot 4 Blk "B" Mission Terrace. M E Nilsson to N F Nilsson.....Nov. 11, 1913
Nov. 12, 1913—NW CALIFORNIA & Sansome W 87-6 N 124-1 E 87-6 — 124-1. Bank of California National Ass'n to Mahoney Bros.....Oct. 25, 1913
Nov. 14, 1913—NW TAYLOR & POST W 60xN 30. B Hersch and B Heskins to Brode Iron Works.....Nov. 5, 1913
Nov. 14, 1913—W COLE 50-9 N Carmel N 25-1xW 100. Charles A and Anna A Sandegren to Parkside Home Bldg Co.....Nov. 11, 1913
Nov. 14, 1913—NW BUSH AND SANsome N 137-6xW 67-6. Standard Oil Co to New York Belting & Packing Co.....Nov. 8, 1913
Nov. 14, 1913—SE TAYLOR AND Geary E 87-6xS 137-6. Clift Estate Co to Sibley Grading & Teaming Co.....Nov. 13, 1913
Nov. 14, 1913—W WOODLAND AVE 425 S Paransuss 25x80; Lot 44 Blk "D," Sunset Heights. F S and Florence B Sexton to P Hansen.....Nov. 10, 1913
Nov. 14, 1913—SE TWENTY-SECOND and Bartlett S 80xE 125. John G Klumpke to Monson Bros.....Nov. 8, 1913
Nov. 14, 1913—N ELLIS 97-6 W Mason W 40xN 60. Charles C Judson Co to Mortenson Constr Co.....Nov. 6, 1913
Nov. 15, 1913—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Estate Co to Niel McLean.....Nov. 12, 1913
Nov. 17, 1913—SIXTEENTH AND Illinois. Associated Oil Co to Foster Vogt Co.....Nov. 17, 1913
Nov. 17, 1913—N McALLISTER 30-1 N Gough W 34-11xN 100. Marks Bros to Frank W Whitney and W T Davies (as Whitney & Davies).....Nov. 11, 1913
Nov. 17, 1913—N NEY 150 W Congdon W 25xN 110. Thomas McCormick to whom it may concern.....Nov. 17, 1913
Nov. 17, 1913—NW Drumm & Jackson W 100 N 60 W 37-6 S 60 E 37-6. Mrs R J Snyder to J S Hannah.....Nov. 10, 1913
Nov. 17, 1913—SE PINE AND LEAVENWORTH E 37-6xS 87-6. Theo E Rulfs to Gilbertsen & John.....Nov. 17, 1913
Nov. 17, 1913—NINTH AVE NOS. 734-736. J Harold Johnson to whom it may concern.....Completed —
Nov. 18, 1913—W DELANO AVE 150 S San Juan Ave 25x125. Wm and Francis Smith to whom it may concern.....Nov. 18, 1913
Nov. 18, 1913—SE SIXTH & MINNA E 100 S 75 W 25 N 50 W 75 N 25. Lange Invest Co to Camp & Carillon, Cameron & Diston, National Elec Co, L J Neal and The Turner Co.....Nov. 15, 1913
Nov. 18, 1913—S SUTTER 164-6 E Taylor W 60-9 S 137-6 W 60-9 N 137-6. W F Perkins and H O Trowbridge to Alexander Coleman.....Nov. 6, 1913
Nov. 18, 1913—S SUTTER 164-6 E Taylor E 60-9xS 137-6. W F Perkins and H O Trowbridge to Chas H Hock.....Oct. 22, 1913
Nov. 18, 1913—NE MONTGOMERY &

California E 37-6 N 114-3 1/2 W 18-6 N 0-10 1/2 W 69 S 115-2 1/4. C F Kohl to Butcher & Hadley....Nov. 11, 1913
Nov. 18, 1913—NW NATOMA 95 NE Second NW and parallel with Second 75 NE 20-3 1/2 E 75 SW 20-3 1/2 to beg. Thos Ford by Welsh & Carey to Mulcahy Bros....Nov. 13, 1913
Nov. 18, 1913—N NINETEENTH 105 E Guerrero E 60-6XN 60. Dairy Delivery Co to Lewis A Hicks Co....Nov. 11, 1913
Nov. 18, 1913—N SIXTEENTH 80-6 E Castro N 30 W 7-6 N 15 E 2 N 10 E 25 S 55 th 19-6 to beg. Lucy Higginbotham to Jno Casty....Nov. 11 1913
Nov. 19, 1913—SW CALIFORNIA & Van Ness Ave — 60 th at right angles 134 th at r a 60 to pt of S California — 134 to beg. Albert Abrams to The Northern Constr Co....Nov. 14, 1913
Nov. 19, 1913—NW JACKSON AND Drumm N 60xW 60. Thomas W Butcher to National Elec Co, Nov. 18; Sartorius Co....Nov. 18, 1913
Nov. 19, 1913—S NINTH & HARRISON SW 100xSE 75. Richard I Whelan to Clark & Ludwig....Nov. 19, 1913
Nov. 19, 1913—S PAUL AVE 50 SE Crane SE 25xSW 100. Leonie Miro to Michele Ortoreo....Nov. 18, 1913
Nov. 18, 1913—S UNION 114-1 E Grant Ave E 22-6X8 68-9. Antonio Quaranta to L Dioguardi and A Sasso....Nov. 18, 1913
it may concern....Nov. 15, 1913
Nov. 19, 1913—S NORTH POINT 112-6 E Polk 25x137. Konrad Yang to B Kessler....Sept. 19, 1913
Nov. 19, 1913—NW TWENTY-7TH & Castro 31-6x100. Andrew D Busch to New Era Bldg Co, Inc. Nov. 12, 1913
Nov. 19, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60 th 77-6. Wm F Wilson Est to Ira W Coburn....Nov. 19, 1913
Nov. 21, 1913—W GRANT AVE (Dupont) 97-6 S Greenwith S 20x W 60. Giovanni and Angelo Gottell to Louis A Devenenzi....Nov. 21, 1913
Nov. 20, 1913—N CALIFORNIA 77-6 W Front W 60-8 1/2XN 127-6. The Hind Estate Co to T W McClenahan & Co....Nov. 15, 1913
Nov. 20, 1913—SE BATTERY AND Halleck S 34-6XE 77-6. Isaac Kohn to Chas H Hock....Nov. 18, 1913
Nov. 20, 1913—SW GOLDEN GATE Ave and Taylor W 152-6 E 54-1 1/2 m or l SE 46-3 1/2 m or l NE 154-5 1/2 N 1-6 1/2 m or l. San Christina Inv Co, 1/2; Claus A and Rudolph Spreckels, Trs. 1-6; Claus A Spreckels, 1-6; Rudolph Spreckels, 1-6 to Otis Elevator Co....Nov. 14, 1913
Nov. 20, 1913—W NAPLES & FRANCE Ave SW 50xNW 100 pt blk 43 Excl Hd. Wm S Ulmer to T H Parry....Nov. 13, 1913
Nov. 20, 1913—W FIFTH AVE 125 N Balboa N 25xW 120. Albertine Lafaque to O B Arthur....Nov. 19, 1913
Nov. 20, 1913—E JASPER PLACE 113-9 S Union 23-9x55-9. F Ratto to — Ferreccio....Nov. 19, 1913
Nov. 20, 1913—SE CALIFORNIA AND Gough E 72-6X8 100. Sylvain Schnalttacher to Spencer Plumbing Co....Nov. 19, 1913
Nov. 20, 1913—SE EDINBURGH 225 SW Brazil Ave SW 25xSE 100 Lot 42 Julius L Franklin's Sub Blk 46 Excl Hd Ass'n. Ambrose B Frank to whom it may concern....Nov. 17, 1913
Nov. 21, 1913—N BALBOA 82-6 W 20th Ave 25x100. Donald and Laura

M Dahl to E Dahl....Nov. 20, 1913
Nov. 21, 1913—N NINETEENTH 175 E Sanchez. Linda E Herb to whom Nov. 21, 1913—NE WASHINGTON & Octavia E 137-6 N 127-8 1/4 W 127-8 1/4 S 127-8 1/4. A B Spreckels to Wm F Wilson Co....Sept. 19, 1913
Nov. 21, 1913—E CLAYTON 250 N Ashbury N 25xE 70. Kary Yngve to whom it may concern....Nov. 20, 1913
Nov. 21, 1913—E SEVENTEENTH Ave 200 S Lake S 25xE 120. John Johnson to whom it may concern....Nov. 20, 1913
Nov. 21, 1913—NW O'FARRELL AND Stockton N 137-6xW 137-6. D Samuels Co to E T Leiter & Sons....Nov. 19, 1913
Nov. 21, 1913—S JACKSON 187-6 W Jacobs to Monson Bros....Nov. 21, 1913
Nov. 21, 1913—S MONSON BRIS....Nov. 21, 1913
Nov. 21, 1913—SE HOWARD 100 NW Eighth SE 55 SW 100 NW 55 NE 100. Richard I Whalen by Thos J Welsh, Agt., to The Peterson Oven Co....Nov. 20, 1913

J H Bohlig and Geo H Stoffels....Nov. 14, 1913—W FILLMORE 40 S Cleatnut S 50xW 80. Woods & Huddert, \$238.69; Dempsey Lumber Co, \$161.45 vs California Steel Monolithic Co, V D Virgilio & Co (co-partnership) and John Hession Nov. 14, 1913—SE PINE & POWELL E 68-6X8 60. Petersen-James Co vs John H Bohlig and George H Stoffels....\$250

(Correction in date of Blkg.)

Nov. 13, 1913—S EIGHTEENTH 110 E Dolores E 28 S 112 W S S 45 W 20 N 157. American Paint & Dry Color Co vs Theresa D Murphy, Frank Ennis and John H McGivern, Sam Newman and M A Blair, \$28.06
Nov. 15, 1913—S "H" 57-6 (57.6) E 48th Ave E 50xS 100. Loop Lumber Co vs T Roy Murray and Eliza Baum....\$258.86
Nov. 17, 1913—N TWENTY-EIGHTH 292 W Noe W 25xN 114. Geo Ryan vs Chas and Marie Andersen....\$432.69
Nov. 15, 1913—SE BUSH & CHELSEA Place E 39-6X8 82-6. O F Larsen, \$112; Michael Kiernan, \$849.40; Frank Coghlan, \$52.50 vs M Kiernan, T J Crowley and H P Stoltenberg....\$297.85

LIENS FILED

San Francisco.

Nov. 1, 1913—SE PINE & POWELL E 68-6X8 60. John M Boscutt and Peter J Boscutt (as Boscutt Bros) vs John H Bohlig and Geo H Stoffels....\$2417
Nov. 3, 1913—W SEVENTH AVE 175 N Irving N 100xW 120. W P Fuller & Co vs E B Hallett....\$352.20
Nov. 5, 1913—SW SANCHEZ AND Elizabeth 25 on Sanchez and 101-9 on Elizabeth. J B Ayres vs Martha Anderson and A W Burnett as (A W Burnett & Co)....\$146.35
Nov. 5, 1913—E LARKIN 87-6 N Broadway N 25xE 137-6. The Gas Appliance Sales Co. of America vs A D Van Dorn....\$40
Nov. 6, 1913—NE CALIFORNIA AND Van Ness Ave N 142-24 E 137-6 S 4-8 1/4 W 37-6 S 137-6. City Supply Co cpn vs Chas Peterson and Geo P Rupp as (Peterson, Rupp & Co), H C Pendleton, W F Cordes, Bradbury Estate Invst Co and Royal Invst Co....\$328
Nov. 7, 1913—SW HYDE & BROADWAY W 62-6X8 77-6. James J Roche vs Margaret Slavin Keefe and Mary Slavin....\$150
Nov. 7, 1913—NW POST AND VAN Ness Ave N 120xW 159. Taylor & Co vs Linlgren C- and The Hecht Invst Co....\$1155.50
Nov. 8, 1913—S EIGHTEENTH 110 E Dolores E 28 S 112 W S S 45 W 20 N 157. American Paint & Dry Color Co vs Theresa D Murphy, Frank Ennis and John H McGivern, Loretta Dwyer, E M Hofmann and Sam Newman and M A Blair....\$28.06
Nov. 12, 1913—SE BAKER AND FILBERT S 25xE 100. Johann Dickmann vs Jane L Thos F, Jno A, Geo E, Charlotte W, Margaret, John and P J Gavin. Adm Est Jno H Dwyer, dec'd....\$42.50
Nov. 13, 1913—S CARL 155 E Willard E 25X8 137-6. J M Enyeart vs Alexander and Nellie Bond and Wm Kingsbury....\$40
Nov. 13, 1913—NE BUSH & GRANT Ave E 60XN 77-6. American Paint & Dry Color Co vs Louis Friedman, Wm Van Herrick and M Mushkin & Co....\$39.87
Nov. 13, 1913—SE PINE & POWELL E 68-6X8 60. Donald Mowat vs

Nov. 17, 1913—N TWENTY-EIGHTH 267 W Noe W 25xN 114. George Ryan vs Chas and Marie Andersen....\$297.85
Nov. 18, 1913—SE PINE & LEAVENWORTH E 37-6X8 57-6. The Berger Mfg Co of California vs L Helper and T E Ruifs....\$530.45
Nov. 18, 1913—NE BUSH & GRANT Ave E 60XN 77-6. The Berger Mfg Co of California vs Louis Friedman and Wm Van Herrick....\$262.48
Nov. 19, 1913—S EIGHTEENTH 110 E Dolores E 28 S 112 W S S 45 W 20 N 157. Hart Wood Lumber Co vs Theresa D Murphy, Frank Ennis, Jno H McGivern and T J Cline....\$49.50
Nov. 19, 1913—LOTS 31 AND 32 BLK 4 Castro Street Ad'n. G Gambarini, \$24; William Baldwin, \$175; F E and M E Page (Page & Co), \$66.20 vs A S Crawford and W B White....\$138.50
Nov. 20, 1913—NE BUSH & GRANT Ave E 60XN 77-6. United Materials Co, \$53.35; Port Costa Brick Wks, \$138.50 vs Leopold Mollath & Conrad Mollath and Louis Friedman....\$138.50
Nov. 20, 1913—SW POWELL AND Broadway W 100X8 93-6. J H Kruse vs Jacob Surface, C A Jeffers and T Lonconia....\$53.65
Nov. 21, 1913—W FORTY-THIRD AV 100 N Judah N 25xW 120. The Greater City Lumber Co vs August Forness or Gustave Forness....\$128.50

INCORPORATIONS.

Sanitafone Co. Capital Stock, \$9000; subscribed \$9000; share, \$1 each. Directors—M. Schlesinger, H. Schlesinger, R. E. Levi, 1500 shares each; F. A. Maestrotti, 4500 shares. Place of business, San Francisco.
Eaton Laboratory. Capital Stock, \$10,000; subscribed, \$300 shares, \$100 each. Directors—F. M. Eaton, E. F. Kriegsmann, R. H. Countryman, 1 share each. Place of business, San Francisco.
Mission Photo Supply Co. Capital Stock, \$5000; subscribed \$15; shares \$3 each. Directors—J. H. Morris, W. C. Mikulich, E. M. Wiley, 1 share each. Place of business, San Francisco.

OAKLAND AND ALAMEDA

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, John G. Weir. The dwelling will be erected in the Claremont Tract and has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Open fire places will be used in the living room and library. Mantels will be of brick and tile. An automatic water heater will be installed. Plans provide for furnace heat. Tile wainscot will be used in bath rooms and kitchen. Composition flooring is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. Parker. The dwelling will be erected in the Fourth Ave. Terrace and has been designed for an eight room house with bath and sleeping porch. Interior finish will be largely of pine with some veneer hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph ave., Berkeley. Owner, H. E. Eveleth. The dwelling will be erected on the north side of Russell street near Piedmont ave., and has been designed for an eight room house with bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile wainscot is specified in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, J. Brown Schuyler. Owners, Interscan Home Builders, Solano ave. and The Alameda, Northbrae. This dwelling, as soon mentioned here before. Plans are complete and work is about to be started. The house will contain six rooms and bath. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of brick. A large sleeping porch will be built on one side of the house. The wainscot will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. The work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base,

frame, \$3,000. Oakland, Cal. Architect, Clay M. Burrell, Albany Bldg., Oakland. Owner, Dr. McMath. The dwelling, designed for an eight room house with bath and sleeping porch, will be erected in Adams Point. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor under the supervision of the architect.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. The house will be erected in the 4th avenue Terrace and will contain six rooms and bath. Interior will be finished in pine throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are being prepared.

BUNGALOWS—4 1½ story and base. Cost not stated. Oakland, Cal. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Home Builders. These houses will be erected on property located at the northeast corner of Kyles avenue and Broadway and each house has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. Each living room will have an open fire place with tile or brick mantel. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected on 24th street and has been arranged to contain six suites of three rooms and bath each. Interior finish will be of pine throughout. There will be a hot water system and steam heat. Bath rooms will have tile wainscot. All suites will be equipped with wall beds and will have private baths. Entrance will be finished in tile. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

JAIL WORK AND PLUMBING—Cost not stated. Oakland, Cal. Architects, Palmer, Hornbostel and Jones, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened for jail equipment for the new city jail show M. G. West low on all propositions, submitted for the equipment. J. Looney Co. submitted the only figure for plumbing. A complete list of all figures appear under the heading of Oakland and Alameda County in this issue.

FLATS—2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected in Oak Park

Tract and has been designed to contain two flats of five and six rooms. Interior finish will be of pine throughout. There will be open fire places in the living rooms. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

Oakland Jail Bids Opened By Board.

Figures For Jail Equipment Received.
J. Looney Company Submit Only
Bid for Plumbing Work.

Bids were opened by the Oakland City Council November 20th for the jail work in the City Hall. The bids were submitted under the following alternates: (1-A) Complete; (1) tool-proof plates, bars and doors for Bessemer plates in two rooms; (2) substitute Bessemer plates and bars for all tool-proof plates and bars in one room; (3) substitute Bessemer material for all tool-proof material throughout; (3-A) grille work as in No. 3, except material in 1-A as being tool proof; (4) tool proof cells in room 1204 and Bessemer material throughout for tool proof originally specified for room 1204; (5) work complete as in No. 2, except door locking devices.

Oakland Jail Work.

Pauly Jail Building Co. (1-A) \$31,597; (1) \$26,090; (2) \$29,299; (3) \$29,069; (3-A) \$31,597; (4) \$30,127; (5) \$28,594.

Waterhouse & Price (1-A) \$35,470; (1) \$41,911; (2) \$34,706; (3) \$31,198; (3-A) \$35,054; (4) \$35,496; (5) \$32,708.

Ralston Iron Works (3) \$38,372.
M. G. West Co. (1-A) \$24,968.50; (1) \$29,192.50; (2) \$24,022.50; (3) \$22,733.50; (3-A) \$24,121.50; (4) \$24,528.50; (5) \$19,511.50.

J. Looney submitted the only figure for plumbing which was received. His bid for this work was, \$7,960 on the original plans and specifications and an alternate of \$7,860.

Bids for the jail equipment and plumbing were taken under advisement

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Am't.
3270	Bruce	Bruce	2100
3271	Hagquist	Hagquist	600
3272	Baxter	Porter	4000
3273	Wn Union Bldrs.	Connell	1450
3274	Same	Same	1450
3275	United Bldrs	Owner	1900
3278	Klein	Klein	1600
3279	Clausen	Lundberg	400
3280	Smith	McCreary	500
3281	Hargrave	Silva	1700
3282	Central Market	Owner	1500
3283	Sussman	Duffey	1200
3285	Same	Cal Plate Glass	1450
3286	Same	Farrell	33150
3287	Same	Baker	5000
3288	Same	Van Emon Elev	5400
3289	Same	Vulcan	2084
3290	Same	Smith	1840
3291	Same	Newberry	1490
3292	Same	Stockholm	6250
3293	Same	Forderer	2120
3294	Gettemy	Delbel	2290
3295	McCoy	Engler	7500
3296	Larsen	Larsen	1800
3297	Herscovich	Culcher	1945
3299	Castro	Birdsell	450
3400	Larsen	Larsen	1800

3401 Phillips Santos 1590
3402 1st Tr & Svcs. Brady 1220
3403 Burns Texdahl 3610
3406 Bischoff Bischoff 2500
3407 Trimlett Trimlett 1600
3408 Painter Burnett 2500
3409 Turrell Turrell 2250
3413 Cozzo Molinari 1480
3416 Wadsworth Mazurette 1200
3417 Horton Anderson 800
3418 Butler Butler 2500
3419 Cragmont Johnson 4174
3421 Lerner Lerner 1950

(3370) S WENTWORTH AVE 260 E
32nd, Oakland. Two-story 6-room
dwelling.

Owner.....J. C. Bruce, 2207 42nd Ave.,
Oakland.
Architect...None.
Day's work. COST, \$2400

(3371) N E-TWENTY-SECOND 100 E
21st Ave., Oakland. One-story three-
room dwelling.

Owner.....C. R. Hagquist, 1820 Char-
les, Alameda.
Architect...None.
Day's work. COST, \$600

(3373) SW LINDA AVE ptn Lots 19,
20 and 21 Blk "C" Amended Map
Fairview Tract, Piedmont. All work
for one-story 4-room dwelling.

Owner.....Western Union Home Bldrs
Inc., 1617 Telegraph Ave.,
Oakland.
Architect...None.
Contractor...J. S. Connell, Oakland.
Filed Nov. 17, '13. Dated Sept. 15, '13.
Payments not given.....

TOTAL COST, \$1450
Bond, none. Limit, 120 days after Sept.
5. Forfeit, none. Plans and specifica-
tions filed.

(3374) SW LINDA AVE Ptn Lots 21
and 22 Blk "C" Amended Map Fair-
view Tract, Piedmont. All work for
one-story 4-room dwelling.

Owner.....Western Union Home Bldrs
Inc., 1617 Telegraph Ave.,
Oakland.
Architect...None.
Contractor...J. S. Connell, Oakland.
Filed Nov. 17, '13. Dated Sept. 15, '13.
Payments not given.....

TOTAL COST, \$1450
Bond, none. Limit, 120 days after Sept.
5. Forfeit, none. Plans and specifica-
tions filed.

(3375) W CALIFORNIA 323 S Addison
Oakland. One-story 4-room dwlg.
Owner.....United Home Bldrs, 1762
Broadway, Oakland.
Architect...None.
Day's work. COST, \$1100

(3378) S FIFTY-SEVENTH 318 W
Shattuck Ave., Oakland. One-story 5
room dwelling.

Owner.....Mathew Klein, 468 Miranda,
Oakland.
Architect...None.
Day's work. COST, \$1600

(3379) NO. 332 WALSWORTH AVE.,
Oakland. Alterations.

Owner.....Jno. A. Clausen, Premises.
Architect...None.
Contractor...E. Lundberg, 595 17th, Okd.
COST, \$100

(3380) NO. 1219 TWELFTH, Oakland.
Addition.
Owner.....Mrs. Smith, Premises.
Architect...None.

Contractor...McCreary & Sampson, 6506
Wheeler, Oakland.
COST, \$300

(3381) E MAXILA 75 S 51st, Oakland.
One-story 6-room dwelling.

Owner.....Arthur Hargrave, 1527
Broadway, Oakland.
Architect...None.
Contractor...J. P. Silva, 1520 5th, Bkly.
COST, \$1700

(3382) NOS. 812-820 WASHINGTON,
Oakland. Alterations.

Owner.....Central Market Co., Prem.
Architect...None.
Contractor...Frank Loebr, 2615 Short,
Oakland.
COST, \$1500

(3384) SW BROADWAY AND 21TH E
on Broadway 99 N on 24th 143.58 and
65.46 on W side and 122.87 on S side,
Oakland. Plumbing for three-story
reinforced concrete garage and auto
sales room.

Owner.....Mrs. Emilie Sussman.
Architect...Willis Polk & Co., Mer-
chants' Exchange Bldg., S F
Contractor...Duffey Plumbing Co.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Usual 35 days..... 75¢
25¢
TOTAL COST, \$1200

Bond, \$600. Surety, Fidelity & Cau-
sality Co. Limit, Feb. 15, 1914. Forfeit,
\$10. Plans and specifications filed.

(3385) GLASS AND INSTALLING
same on above.

Contractor...California Plate & Window
Glass Co., 864 Mission, S. F.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST, \$1450
Bond, \$725. Surety, Fidelity & Cau-
sality Co. Limit, Feb. 28, '14. Forfeit,
\$10. Plans and specifications filed.

(3386) EXCAVATING, FOUNDATIONS,
reinforced concrete and cement work
on above.

Contractor...Farrell & Reed, M. A.
Gunst Bldg., S. F.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST \$23.150
Bond, \$16,575. Surety, Aetna Accident
& Liability Co. Limit, Feb. 10, 1914.
Forfeit, \$25. Plans and specifications
filed.

(3387) PAINTING ON ABOVE.

Contractor...W. T. Baker Co., 636 13th,
Oakland.
Filed Nov. 17, '13. Dated Nov. 8, '13.
Payments same as above.....

TOTAL COST, \$1100
Bond, \$550. Surety, Chicago Bonding &
Surety Co. Limit, Feb. 28, 1914. For-
feit, \$10. Plans and specifications filed.

(3388) ELEVATOR PLANT ON
Natoma, San Francisco.

Contractor...Van Emon Elevator Co., 46
Natoma, San Francisco.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST, \$7400
Bond, \$2700. Surety, New England Casu-
ality Co. Limit, Feb. 15, 1914. Forfeit,
\$15. Plans and specifications filed.

(3389) ORNAMENTAL IRON WORK
on above.

Contractor...Vulcan Iron Works, Kearny
and Francisco, S. F.
Filed Nov. 17, '13. Dated Nov. 7, '13.

Payments same as above.....
TOTAL COST, \$2081

Bond, \$1042. Surety, Equitable Surety
Co. Limit, Feb. 15, '14. Forfeit, \$10.
Plans and specifications filed.

(3390) METAL PARTITIONS, FUR-
ring, lathing and plastering on above
Contractor...Smith & Johnson, Monad-
nock Bldg., S. F.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST, \$1840
Bond, \$920. Surety, Aetna Accident &
Liability Co. Limit, Feb. 15, '14. For-
feit, \$10. Plans and specifications filed.

(3391) ELECTRIC WIRING ON ABOVE
Contractor...Newberry-Bendheim Elec.
Co., Humboldt Bank Bldg.,
San Francisco.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST, \$1490
Bond, \$745. Surety, Southwestern
Surety Ins. Co. Limit, Feb. 15, 1914.
Forfeit, \$10. Plans and specifications
filed.

(3392) CARPENTRY WORK ON ABOVE
Contractor...Stockholm & Alyn, 180
Jessie, San Francisco.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST, \$6250
Bond, \$3125. Sureties, D. O. Druffel and
N. Andersen. Limit, Feb. 28, 1914. For-
feit, \$15. Plans and specifications filed.

(3393) ROOFING AND SHEET METAL
work on above.

Contractor...Forderer Corncor Works,
269 Potrero Ave., S. F.
Filed Nov. 17, '13. Dated Nov. 7, '13.
Payments same as above.....

TOTAL COST, \$2120
Bond, \$1060. Surety, National Surety
Co. Limit, Feb. 15, 1914. Forfeit, \$10
Plans and specifications filed

(3394) W SOMERSET end San Mateo
Park, Oakland. Two-story 5-room
dwelling.

Owner.....W. R. Gettemy, 647 10th
Ave., San Francisco
Architect...Smith & Stewart, 244
Kearny, San Francisco.
Contractor...Louis J. Delbel, 1554
Leavenworth, S. F.
COST, \$2290

(3395) L ARCH 50 S Glen Ave., Oak-
land. Two-story 10-room dwelling.

Owner.....Fannie E. McCoy, S. F.
Architect...None.
Contractor...Louis Engler, 2721 Haste
Berkeley.
COST, \$7500

(3396) W ELMWOOD AVE 482 S
Fruitvale Ave. Oakland. One-story
5-room dwelling.

Owner.....R. K. Larsen.
Architect...None.
Day's work. COST, \$1800

(3397) SW SECOND AND BROAD-
way, Oakland. Alterations.

Owner.....L. Percovich, 1936 Market,
Oakland.
Architect...None.
Contractor...S. Kulhar & Co., 518 Hb.
Oakland.
COST, \$1915

(3399) NO 1728 BRIDGE AVE., Oak-
land. Addition.

Owner.....Mrs. D. V. Castro, Prem.

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BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations, bridges, walls, culverts, etc.

—O—
The Best in Contractors Equipment

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EDWARD R. BACON COMPANY

38-40 NATOMA STREET

Telephone Sutter 1675

San Francisco

Architect...None.

Contractor...A. H. Birdsell, 2042 94th Ave., Oakland.

COST, \$150

(3400) W ELMWOOD AVE 425 S Fruitvale Ave., Oakland. One-story five-room dwelling.

Owner.....R. K. Larsen, 3333 Elmwood Ave., Oakland.

Architect...None.

Day's work COST, \$1800

(3401) S E-NINETEENTH 100 E 18th Ave., Oakland. One-story five-room dwelling.

Owner.....Mannell Phillips, 1722 18th Ave., Oakland.

Architect...None.

Contractor...Louis Santos, 1820 E-17th, Oakland

COST, \$7500

(3402) SE SIXTEENTH AND SAN Pablo Ave N 18.68 SE 80.10 SW 36.42 SW 75.19 N 67.46, Oakland. The partitions and tile floor facing for 11-story Class "A" bank and office bldg.

Owner.....First Trust & Savings Bank by P. J. Walker Co., Agts., Monadnock Bldg., S. F.

Architect...L. E. Dutton Co., Chronicle Bldg., San Francisco.

Contractor O. E. Brady & Son, 189 Jessie, San Francisco.

Filed Nov. 19, '13. Dated Nov. 18, '13. 1st and 15th day of each month 75% Usual 35 days 25%
TOTAL COST, \$1220

Bond, \$670. Sureties, D. J. Sullivan and Geo. W. Crane. Limit, as soon as possible. Forfeited, none. Plans and specifications filed.

(3413) E THIRTY-FIVE FEET LOTS 5 and 6 Claremont Park, Oakvale Ave Berkeley. All work for one and one-half-story dwelling.

Owner.....Mrs. A. T. Burns.

Architect...Frank S. Forster, 1417 Arch, Berkeley.

Contractor...C. Texdahl, 3035 Harper, Berkeley.

Filed Nov. 19, '13. Dated Nov. 14, '13.

Roof on 1/4

Rough coat interior and exterior plaster on 1/4

Completed and accepted 1/4

Usual 35 days 1/4

TOTAL COST, \$3610

Bond, \$1805. Surety, Southwestern Surety Insurance Co. Limit, 90 days.

Forfeited, none. Plans and specifications filed.

(3406) S SIXTY-FIRST 250 E Colby, Oakland. One and one-half-story 6-room dwelling.

Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.

Architect...None.

Day's work COST, \$2500

(3407) W SIXTY-FOURTH AVE 1100 N E-14th, Oakland. One-story 4-room dwelling.

Owner.....Robt. Trimlett, 1834 64th Ave., Oakland.

Architect...None.

Day's work COST, \$1600

(3408) W COLE 120 N Trask, Oakland. One-story 5-room dwelling.

Owner.....Jno. W. Painter, Oakland.

Architect...None.

Contractor...P. L. Burnett, 745 Alleen, Oakland. COST, \$2500

(3409) W BROADWAY 227 S Edith, Oakland. One-story 5-room dwlg. Owner.....Jl. N. Turrell, 841 Walker Ave., Oakland.

Architect...None.

Day's work. COST, \$2250

(3413) — SIXTY-FIFTH 80 W Herzog 40x110, Oakland. All work except painting, electric and gas fixtures, window shades and finish hardware for one-story and basement dwlg. Owner.....G. Cozzo, 132 Jasper Place San Francisco.

Architect...None.

Contractor...L. Molinari and P. De-luccia (De Luccia).

Filed Nov. 20, '13. Dated Nov. 7, '13.

Frame up 1/4

Brown coated 1/4

Completed and accepted 1/4

Usual 35 days 1/4

TOTAL COST, \$1480

Bond, \$780. Sureties, N. Capurro and J. J. Rosso. Limit, 60 days. Forfeited, none. Plans and specifications filed.

(3416) N E-TWELFTH 220 E 42nd Ave., Oakland. One-story 4-room dwelling.

Owner...P. A. Wadsworth, Santa Clara Ave., Oakland.

Architect...A. J. Mazurette, Bacon Bldg Oakland.

Day's work.

COST, \$1200

(3417) NO. 332 LESTER AVE., Oakland. Alter dwelling into flats.

Owner...Mrs. J. Horton, Premises.

Architect...None.

Contractor...A. F. Anderson, 2384 E-22nd, Oakland.

COST, \$800

(3418) E OAK GROVE 300 N Forest Ave., Oakland. Two-story six-room dwelling.

Owner.....H. S. Butler, 5349 Manila Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(3420) PTN LOTS 1 AND 2 BLK 3, Revised Map Piedmont Park, Piedmont. All work for stores.

Owner.....Piedmont Commercial Center.

Architect...Albert Farr, 68 Post, S. F.

Contractor...Whalin Bros., 1392 E-28th, Oakland.

Filed Nov. 21, '13. Dated Nov.

Exterior studs raised \$1685

Plastering completed 1685

Ready for acceptance 1685

Usual 35 days 1688

TOTAL COST, \$6743

Bond, none. Limit, 75 days. Forfeited, \$10. Plans and specifications filed.

(3421) N THIRTY-NINTH 550 W Market, Oakland. One-story 5-room dwlg. Owner.....Edw. Larner, 470 Boulevard Way, Oakland.

Architect...None.

Day's work. COST, \$1950

Building Contracts Awarded

Berkeley.

3359	United Bldrs	Owner	1400
3360	Same	Same	1400
3361	Same	Same	1900
3362	Same	Same	1900
3363	Fisher	Antireff	1000
3364	Keller	Pirang	2200
3365	Interurban Bld.	Schuyler	3000
3366	Same	Same	3000
3367	Rickey	Sullivan	1540

3365 United BldrsOwner 1550
 3369 DavisDavis 1000
 3376 PedersenPedersen 400
 3377 AlguistJohanson 3000
 3383 FriendSpring Constr 3850
 3398 BonnerBonner 2400
 3404 HadenHaden 400
 3405 BarnettHughson 2000
 3410 RichardsonPatton 10000
 3414 GarberGarber 1000
 3415 MillerMiller 1000
 3420 Piedt ComWhalin 6743

(3359) W LEE 195 N Prince, Berkeley
 One-story 4-room dwelling
 Owner.....United Home Bldrs., 1762
 Broadway, Oakland.

Architect...None.
 Day's work. COST, \$1400

(3360) E BAKER 44 S Ashby, Ber-
 keley. One-story 4-room dwelling.
 Owner.....United Home Bldrs., 1762
 Broadway, Oakland.

Architect...None.
 Day's work. COST, \$1400

(3361) E LEE 132 N Prince, Berkeley.
 One-story 5-room dwelling.
 Owner.....United Home Bldrs., 1762
 Broadway, Oakland.

Architect...None.
 Day's work. COST, \$1900

(3362) E LEE 52 N Prince, Berkeley.
 One-story 6-room dwelling.
 Owner.....United Home Bldrs., 1762
 Broadway, Oakland.

Architect...None.
 Day's work. COST, \$1900

(3363) N PARDEE 75 E Seventh, Ber-
 keley. One-story 6-room dwelling.
 Owner.....W. J. Fisher, 907 Pardee,
 Berkeley.

Architect...None.
 Contractor..T. Antliff, 907 Pardee,
 Berkeley. COST, \$1000

(3364) N OREGON 100 E McGee, Ber-
 keley. Alterations.
 Owner.....J. Keller, 1769 Oregon, Bkly
 Architect...None.
 Contractor..C. J. Pfrang, 5459 Shafter
 Ave., Oakland.

COST, \$2200

(3365) S SONOMA AVE 120 E Mon-
 terey Ave., Berkeley. One-story 6-
 room dwelling.

Owner.....Interurban Home Bldrs.,
 Inc., Solano Ave and The
 Alameda, Northbrae.

Architect...None.
 Contractor..J. Brown Schuyler.
 COST, \$3000

(3366) S SONOMA AVE 240 E Mon-
 terey Ave., Berkeley. One-story six-
 room dwelling.

Owner.....Interurban Home Bldrs.,
 Solano Ave and The Alameda,
 Northbrae.

Architect...None.
 Contractor..J. Brown Schuyler.
 COST, \$3000

(3367) S PLAZA DRIVE 75 W Encina
 Place, Berkeley. Garage.
 Owner.....T. B. Riekey, 4 Encina Pl.
 Berkeley.

Architect...None.
 Contractor..H. E. Sullivan, 6441 Har-
 mon Court, Berkeley. COST, \$1540

(3368) E LEE 451 S Ashby, Berkeley.
 One-story 6-room dwelling.
 Owner.....United Home Bldrs., 1762
 Broadway, Berkeley.

Architect...None.
 Day's work. COST, \$1850

(3369) E MCGEE 70 S Bancroft, Ber-
 keley. One-story 4-room dwlg.
 Owner.....J. W. Davis, 1631 Allston
 way, Berkeley.

Architect...None.
 Day's work. COST, \$1000

(3372) W TUNNEL ROAD 400 S Robie,
 Berkeley. Alteration.
 Owner.....Geo. P. Baxter, 2437 Pied-
 mont Ave., Berkeley.

Architect...None.
 Contractor..Porter Bros., 1914 Vine,
 Berkeley. COST, \$4000

(3376) S ADDISON 300 E San Pablo,
 Berkeley. Alterations.
 Owner.....N. Pedersen, 2007 San Pablo
 Ave., Berkeley.

Architect...None.
 Day's work. COST, \$400

(3377) S CHANNING 200 E 9th, Ber-
 keley. Two-story 8-room flats.
 Owner.....Mari Alguist, 1525 7th,
 Berkeley.

Architect...None.
 Contractor..G. Johanson, 1811 Rose,
 Berkeley. COST, \$3000

(3383) W CONTRA COSTA 730 S Lovers
 Lane, Berkeley. Two-story 7-room
 dwelling.

Owner.....Geo. Friend, 2037 Shattuck
 Ave., Berkeley.

Architect...None.
 Contractor..Spring Constr. Co., 304 1st
 National Bank Bldg., Bkly.
 COST, \$3850

(3398) S FOREST 70 W Piedmont,
 Berkeley. Two-story seven-room
 dwelling.

Owner.....A. W. Bonner, 2523 Haste,
 Berkeley.

Architect...None.
 Day's work. COST, \$2400

(3404) S CHANNING WAY 50 E Shat-
 tuck Ave., Berkeley. Alterations.
 Owner.....Haden & Boone Co., Dinuba
 California.

Architect...None.
 Contractor..D. E. Barber, 1619 Market,
 Oakland. COST, \$100

(3405) S CHANNING WAY 100 E Mc-
 Gee, Berkeley. One and one-half-
 story live-room dwelling.

Owner.....G. J. Barnett, Cor. McGee
 and Channing Way, Bkly.

Architect...None.
 Contractor..Hughson & Donnelly, 1608
 Stuart, Berkeley. COST, \$2000

(3410) W DANA 130 N Haste, Berkeley
 Three-story 21-room apartments.
 Owner.....Mrs. Eva M. Richardson,
 2106 Dana, Berkeley.

Architect...None.
 Contractor..Geo. W. Patton, 2126 Emer-
 son, Berkeley. COST, \$10,000

(3414) S DERRY — E Claremont, Ber-
 keley. One-story garage.

Owner.....Juliet W. Garber, 2706
 Claremont Ave., Berkeley.
 Architect...None.
 Day's work. COST, \$1000

(3415) N PRINCE 40 W Halcyon
 court, Berkeley. Two-story six-room
 dwelling.

Owner.....Henry W. Miller, 2521
 Hillegass Ave., Berkeley.

Architect...None.
 Day's work. COST, \$2000

(3419) LOT 39 BLK 6 North Cragmont
 Berkeley. All work for one-story 6-
 room dwelling.

Owner.....Cragmont Land Co., 1st
 National Bank Bldg., Bkly.
 Architect...John Hudson Thomas, 1st
 National Bank Bldg., Bkly.
 Contractor..Gustaf Johanson, 1811
 Rose, Berkeley.

Filed Nov. 20, '13. Dated Nov. 15, '13.
 Frame up 4
 Brown coated 4
 Completed and accepted..... 4
 Usual 35 days..... 4

TOTAL COST, \$4174
 Bond, \$2085. Surety, Southwestern
 Surety Insurance Co. Limit, 90 days.
 Forfeit, none. Plans and specifications
 filed.

Building Contracts Awarded. Alameda.

No.	Owner	Contractor	Am't.
3355	Hooper	Strang	200
3356	Cole	Cole	1950
3357	Powell	Powell	500
3358	Joost	Swenson	400
3411	Strang	Strang	3500
3412	Strang	Strang	1500

(3355) NO. 1338 EIGHTH, Alameda.
 One-story 5-room dwelling.

Owner.....C. A. Hooper & Co., Balboa
 Bldg., San Francisco.

Architect...V. N. Strang, 1319 Bur-
 bank, Alameda.
 Contractor..Strang Bros., 1319 Bur-
 bank, Alameda. COST, \$2000

(3356) NO. 1843 EIGHTH, Alameda.
 One-story 5 room dwelling.

Owner.....Mark T. Cole, 703 Syndi-
 cate Bldg., Alameda.

Architect...L. H. Forc, Berkeley.
 Day's work. COST, \$1950

(3357) NO. 1556 FOURTH, Alameda.
 One-story 3-room dwelling.

Owner.....Lula Powell, 401 Halght
 Ave., Alameda.

Architect...None.
 Contractor..W. F. Powell, 401 Halght
 Ave., Alameda. COST, \$500

(3358) ENCINAL AND WALNUT,
 Alameda. New store front.

Owner.....Martin Joost, 2208 San
 Antonio Ave., Alameda.

Architect...None.
 Contractor..L. Swenson, 2242 Encinal
 Ave., Alameda. COST, \$400

(3411) NO. 1614 BURBANK, Alameda.
 One-story dwelling.

Owner.....V. N. Strang, 1319 Bur-
 bank, Alameda.

Architect...None.
 Day's work. COST, \$1500

(3112) NO. 1612 BUENA VISTA AVE.,
Alameda. One-story dwelling.
Owner.....V. N. Strang, 1319 Bur-
bank, Alameda.
Architect.....None.
Day's work.....COST, \$1500

COMPLETION NOTICES.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Nov. 8, 1913—LOTS 28 AND 29 BLK 1
Hopkins Terrace No. 4, Bkly. Emil
Grebs to Henry Ahnfeldt, Oct. 30, 1913
Nov. 10, 1913—LOT 47, Fourth Ave,
Terrace Ext., Okd. Mrs Grace E
Naunton to Harris & Hudson.....
.....Nov. 8, 1913
Nov. 10, 1913—PTN LOTS 19 AND 20
Blk 4 Map Oakridge Claremont,
Bkly. Gertrude D White to Jacob
House.....Nov. 1, 1913
Nov. 10, 1913—LOT 64 Jeanette Von
Ah Tract, Okd. W C Brown to
whom it may concern.....Nov. 6, 1913
Nov. 11, 1913—NE CASTRO 120 SE
"B" SE 44xNE 110, Hayward. Peter
M Verzie to whom it may concern
.....Nov. 10, 1913
Nov. 11, 1913—W GRANT 100 S Blake
S 30xW 100, Bkly. Gertrude Geary
(wf H J).....\$5000
Nov. 11, 1913—NW COUNTY ROAD
2689 and Central Cypress Ave NE
273.63 NW 442.17 SW 235 SE 307.99,
Eden Tp. Antonio J Gomes.....\$3000
Nov. 12, 1913—LOTS 10 AND 11 BLK
"A" Broadway Terrace, Okd. Mary
A Bowles to R H Van Sant.....
.....Nov. 8, 1913
Nov. 13, 1913—W FORTY-FOURTH
140 E West E 50xN 100, Okd. Thos
F O'Neill to Gallagher & Motts.....
.....Nov. 11, 1913
Nov. 13, 1913—LOT 15 BLK H Grand
Ave Heights, Okd. Susie Noble
and Chas W Noble to R H Van Sant
.....Nov. 8, 1913
Nov. 13, 1913—NW BROADWAY &
N 26th W 153.63 N 233.20 N 233.20
W 199.94 S 52.13 W 187, Okd. 1st
Presbyterian Church of Oakland to
Jos Musto Sons-Keenan Co.....
.....Nov. 10, 1913
Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 th 187 to N line 26th and
beg. Okd. 1st Presbyterian Church
of Oakland to Atlas Stone Co.....
.....Nov. 12, 1913
Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 W 187, Okd. 1st Presbyterian
Church of Oakland to John G Sut-
ton Co.....Nov. 10, 1913
Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 187, Okd. 1st Presbyterian
Church of Oakland to General Eng
Co.....Nov. 10, 1913
Nov. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
— 52.13 to W in Webster W 187,
Okd. 1st Presbyterian Church of
Oakland to San Francisco Cornice
Co.....Nov. 10, 1913
Nov. 13, 1913—LOT 15 BLK 5 AND
Lots 21 and 19 Blk 4 and Lots 14
and 15 Blk 21 Map Northbrae, Bkly.
Interurban Home Bldg to whom it
may concern.....Nov. 6, 1913
Nov. 13, 1913—S WESLEY AVE 164.65
W Newton Ave W 35 SE 97.60 NE
25.33 NW 105.02, Okd. A L Calvert
to whom it may concern, Nov. 12, 1913
Nov. 13, 1913—S WESLEY AVE 130.65
W Newton Ave W 34 SE 105.02 NE

25.33 NW 113.18, Okd. A L Calvert
to whom it may concern, Nov. 12, 1913
Nov. 13, 1913—LOT 11 Robinson Tct,
Ala. J B Randall to whom it may
concern.....Nov. 13, 1913
Nov. 13, 1913—LOT 87 Map Fourth
Ave Terrace Ext., Okd. Joe T
Collins to whom it may concern.....
.....Nov. 8, 1913
Nov. 13, 1913—W GREENWOOD AVE
Lot 8 Blk "B" Map Fourth Ave
Terrace, Okd. Gertrude S Brown
to Oakland Bldg & Invst Co.....
.....Nov. 1, 1913
Nov. 15, 1913—LOT 2 BLK "B" North-
brae Business Ppty, Bkly. F R
Peake Co to whom it may concern
.....Nov. 14, 1913
Nov. 15, 1913—SW TWENTY-FIFTH
and Telegraph Ave S 50xW 100,
Okd. Wilhelmina Street to Chris-
tiansen & Smith.....Nov. 14, 1913
Nov. 15, 1913—BDED BY 13TH, 14TH,
Harrison and Alice, Okd. P J
Walker, Agent Oakland Hotel Co,
to National Lathing & Furring Co.....
.....Nov. 14, 1913
Nov. 17, 1913—N 33 LOT 13 AND S 10
Lot 14 Map Rosemead Tract, Bkly.
Elizabeth Gilsenan to E A Thomp-
son.....Oct. 31, 1913
Nov. 17, 1913—LOT 7 BLK 5 Melrose
Heights, Okd. Gordon J Wisler to
whom it may concern.....Nov. 15, 1913
Nov. 17, 1913—NW WASHINGTON &
15th N 69.58 W 59.34 S 30.92 E 44.98,
Okd. Charles L Hoffman and Chas
J Heesement to Wm J Baccus.....
.....Nov. 14, 1913
Nov. 17, 1913—LOT 20 BLK 119 Map
Tract "B" of Berkeley L T I Ass'n,
Bkly. S Rasmussen to John Lar-
sen.....Nov. 13, 1913
Nov. 17, 1913—E TELEGRAPH AVE
and W Broadway N 108.83 NW 36.86
S 8.70, Okd. A J Snyder and J T
Carlston (Federal Realty Co) to
Lindgren Co.....Completed —
Nov. 17, 1913—LOT 17 Colby Park;
No. 423 61st, Okd. P A Anderson (A
P Anderson) to whom it may con-
cern.....Nov. 15, 1913
Nov. 17, 1913—WAVERLEY NO. 2321,
Okd. Charles Duncan Rollar to
Harry C Knight.....Oct. 22, 1913
Nov. 17, 1913—WEST MERLE COURT
and Alice Ave, Dutton Manor Add'n
San Leandro. I A Merle to Fisher &
Roberts.....Nov. 10, 1913
Nov. 18, 1913—NW RAND AVE AND
Cottage, Okd. Chas E Quigley to
whom it may concern.....Nov. 18, 1913
Nov. 19, 1913—W 15 LOT 25 AND E
20 Lot 26 Bk 2098 Map Alden Tct,
Temescal, Okd. Charles A Ruck-
man to C F Lodge.....Nov. 19, 1913
Nov. 19, 1913—E WEST 80 N 34th SE
116xNE 45, Okd. F W Diehl to M E
Hopper.....Nov. 17, 1913
Nov. 19, 1913—W TELEGRAPH AVE
60 N 55th N 50xW 100, Okd. Laura
B and Gladys E Graham to A
Klahn & Son.....Nov. 16, 1913

LIENS FILED.

ALAMEDA COUNTY.

Nov. 4, 1913—LOT 23 BLK 17 Map
Havenscourt, Okd. Hogan Lumber
Co vs MacArthur Bros Inc and J
Piconia.....\$34.91
Nov. 5, 1913—ADDISON NO. 1719, E
34 Lot 5 Range 7 Map Shdvn 6 and
7 Hardy Tct, Bkly. A Dalglish vs
H E Sullivan and Mrs H A Long.....\$17

Nov. 5, 1913—N BOND W 100 51st
Ave W 40xN 120, Okd. W S Cooper
vs William Le Baron.....\$43.50
Nov. 6, 1913—W PTN LOT 31 Map
Potts Tract San Pablo Ave, Okd.
J C Sullivan vs Margaret, A Powers
and John Laamnen.....\$95
Nov. 8, 1913—LOTS 41 AND 42 BLK 3
Map No. 6 Regents Park, Albany.
Berkeley Lumber Co vs M Sibbins
and D E Hughes.....\$27.20
Nov. 8, 1913—N SIXTY-SEVENTH 125
E San Pablo Ave E 25 N 110.09 W
22.13 S 110.72, Okd. Berkeley Lum-
ber Co vs M A Powers, John Laa-
manen and W H Sweeney.....\$275.70
Nov. 10, 1913—E COTTAGE 123 N
Central Ave N 35x E 50, Ala. Sun-
set Lumber Co vs W L Le Boyd
and Emma J Lank.....\$355.14
Nov. 11, 1913—LOT 252 Map Fourth
Ave Terrace Ext., Okd. Pacific Mfg
Co vs D L Rountree.....\$125.10
Nov. 12, 1913—N SIXTY-SEVENTH
125 E San Pablo Ave E 25 N 110.09
Nov. 13, 1913—LOT 15 BLK "C" Map
Sunnyslope, Okd. C L Decker Co
vs C M Covel.....\$2643.48
Nov. 14, 1913—PT IN MILK RANCH
Road at S cor. land conveyed from
Estate Saxton D Atherton to
Frank Enos Gardier by deed re-
corded in Liber 193 Page 49 SE 8.75
ch SE 4.32 ch NE 18.30 ch NE 11.32
ch SW 11.35 ch SW 19.06 ch, Eden
Tp. F J Russell vs C E and Etta
Humphrey Scofield.....\$99.63
Nov. 14, 1913—N SIXTY-SEVENTH
125 E San Pablo Ave E 25 N 110.09
W 22.13 S 110.72, Okd. Contra
Costa Bldg Materials Co vs John
Laamnen, W H Sweeney and M A
Powers.....\$38.50
Nov. 17, 1913—E SAN PABLO AVE 25
N 67th N 50 E 125 N 55.72 E 22.13 S
110.09 W 25 N 25 W 125, Okd. Red-
wood Mfg Co vs Margaret A and
Thomas Powers and John Laaman
(Laamnen).....\$116.35
Nov. 17, 1913—N FORTY-FOURTH 116
E Linden E 25xN 100, Okd. E D
Connelley and H W Bode vs Wm and
Mrs Wm Pottinger.....\$59.38
Nov. 19, 1913—N CENTRAL AVE 40 E
Fifth E 34xN 100, Ala. W P Fuller
& Co vs W G Le Boyd.....\$71.71
Nov. 19, 1913—NE FIFTH & CENTRAL
Ave E 40xN 100, Ala. W P Fuller &
Co vs W G Le Boyd.....\$77.33
Nov. 19, 1913—LOT 28 AND SE 10
Lot 29 Map Holway and Lane's
Shdvn Lots 31, 32 and 33 Kingsland,
Tract, Okd. Hogan Lumber Co vs
H C Miller, Andrew R Muir and
S A Potter.....\$285.76
Nov. 19, 1913—N SIXTY-SEVENTH
125 E San Pablo Ave E 25 N 110.09
W 22.13 S 110.72, Okd. S Jorgen-
sen vs M A Powers and John Laa-
manen.....\$20
Nov. 19, 1913—W CENTRAL COURT
130 N Central Ave N 39.2xW 76, Ala.
W P Fuller & Co vs W G Le Boyd
.....\$146.50
Nov. 20, 1913—LOT 24 W 3 LOT 23 E
22 Lot 25 Bk 95, Kellersberger's
Map, Oakland, Oliver Legault vs
Martial Davoust.....\$209.45
Nov. 21, 1913—SW MOORPARK AND
Apricot S 104.06 W 23.25 N 100 E
52.05, Sunset Lumber Co vs C M
and M Christensen.....\$171.54
Nov. 22, 1913—PTN LOT 13-A Map
Lands Tentonia Park and Home-
stead Ass'n, Ala. Sunset Lumber
Co vs W G Le Boyd.....\$354.76

SAN JOSE AND THE SANTA CLARA VALLEY.

BUNGALOWS — 1 story and base. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: J. A. Wagner, 320 South 16th street, five room cottage, \$2,000; Michenzio Damico, 687 North 14th ave., San Jose, four room cottage, \$650; and Cora Robertson, 470 East St. James street, San Jose, five room bungalow, \$2,000. Materials are now being purchased.

Building Contracts.

SANTA CLARA COUNTY.

NO. 201 N-SEVENTEENTH, San Jose. Repairs after fire on cottage. Owner.....Wm. Salkner, Premises. Architect.....None. Day's work..... COST, \$1900

No. 394 N-THIRD, San Jose. Remodel and repair residence. Owner.....Miss E. B. Frates, Premises. Architect.....None. Day's work..... COST, \$500
N WILLOW, 2nd Lot W of McClair, San Jose. Three-room cottage. Owner.....Mrs. C. Desmone, Premises. Architect.....None. Day's work..... COST, \$400

NO. 245 S-SEVENTEENTH, San Jose. Five-room cottage. Owner.....J. A. Wagner, 320 S-16th St., San Jose. Architect.....None. Day's work..... COST, \$2000

NO. 173 CAYTON AVE., San Jose. Two-room shack. Owner.....Mrs. McManus, Premises. Architect.....None. Day's work..... COST, \$400

NO. 687 N-FOURTEENTH, San Jose. Four-room cottage. Owner.....Michenzio Damico, Prem. Architect.....None. Day's work..... COST, \$650

NO. 836 E-ST. JAMES, San Jose. Five-room cottage and garage. Owner.....Cora Robertson, 470 E-St. James St., San Jose. Architect.....None. Day's work..... COST, \$2000

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED **ACCEPTED**
Nov. 19, 1913—PTN MEZES RANCH Tract near Menlo Park, being NE Ren Gulch Water Co. property, San Mateo. E. M. Warren to John MacBain..... Nov. 11, 1913
Nov. 17, 1913—LOT 53 BLK 13 Crocker Estate Tract, San Mateo. Arthur G Duncan to L. L. Allen. Nov. 14, 1913
Nov. 8, 1913—U-1 LANDS, San Mateo. Charles T Crocker to Fred L Preston..... Nov. 5, 1913
Nov. 8, 1913—U-1 LANDS, San Mateo. Charles T Crocker to Farrell & Reed..... Nov. 4, 1913
Nov. 7, 1913—LOT 3 BLK 19, Hillcrest Daly City. Lawrence and Annie Shaw to whom it may concern.....
Nov. 8, 1913—LOT 262 San Mateo Park

Intersection Occidental Avenue and Clark Drive, San Mateo. H R Williams Jr to Pedersen & Overaa..... Oct. 30, 1913

LIENS FILED

SAN MATEO COUNTY.

RECORDED **AMOUNT**
Nov. 19, 1913—LOT NO. 1 BLK NO. 17 San Carlos Amended Map of Town of San Carlos. Frank J Lackie vs J H Plattner.....\$77.50

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

THEATRE—1 story and base, frame. Cost not stated. Martinez, Contra Costa Co., Cal., Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building has been designed for a moving picture house and will have a seating capacity of about 300 people. Interior will be finished in pine throughout. A modern system of ventilation will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 27 AND 28 BLK 49, City of Richmond. All work for completion of two story frame building. Owner.....W. B. Vickers, 858 16th, Oakland. Architect.....None. Contractor.....H. McCloy Jr., 623 33rd St., Oakland.
Filed Nov. 20, '13. Dated Nov. 17, '13.
Frame up.....\$ 925
2nd story frame up..... 925
Rough coat plaster on..... 1850
When completed..... 1850
Usual 35 days..... 1850
TOTAL COST, \$4,400
Bond, \$7,400. Surety, H. McCloy Jr. and H. McCloy, Limit, 90 working days. Forfeit, \$5 per day. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
Nov. 19, 1913—LOTS 15 AND 16 BLK 1 Richmond Villa Tract. Ella M Jones to C E Mentzer.....Oct. 3, 1913
Nov. 13, 1913—LOT 14 BLK 115, City of Richmond. Hoyt & Greene, Inc to C D Knolly.....Nov. 4, 1913
Nov. 17, 1913—LOTS 1 TO 6 BLK "D" Brentwood. Balfour Guthrie Investment Co to Leech & Waters.....Nov. 14, 1913

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED **AMOUNT**
Nov. 17, 1913—TRACT OR LOT 71 Ayers Ranch Shdyn. J F Kistler and Oren-McGuire Lumber Co vs Concord & Bay Point Land Co.....\$119
Nov. 17, 1913—LOT 23 BLK 20 Brown Andrade Tract. F P Allen vs Herbert F Brown, D D Heagerty, R P English and Home Bldrs Co.....\$55
Nov. 17, 1913—LOT 23 BLK 20 Brown

Andrade Tract. W H Brown vs Herbert F Brown, Inc, D D Heagerty, R F English and Home Bldrs Co.....\$15
Nov. 18, 1913—ARK near Antioch. Gus Tellas vs Peter Manalatos.....\$100

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED **AMOUNT**
Nov. 18, 1913—E MOUNTAIN VIEW Ave, bet Grand Ave and Linden Lane 50x121 Blk 14½, Coleman's Add'n, San Rafael. Alice Newton to J J Anderson.....Nov. 1, 1913
Nov. 15, 1913—LOT 3 BLK 3, Sausalito. Ella A Campbell to A W Theater.....Nov. 7, 1913

LIENS RELEASED.

MARIN COUNTY.

RECORDED **AMOUNT**
Nov. 13, 1913—PTN LOT 10 BLK 9, Tamalpais Land & Water Co's Map No. 5, Mill Valley. Louis Lambrett to Frank C Herrick et al.....

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE — 2 story and base, frame and hollow tile, \$10,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Horace Thorwaldson. The dwelling has been designed for an eight room house with three baths and sleeping porches. A frame garage will also be erected on the lot. Interior will be finished in pine, oak and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Tile will also be used in the kitchen. Exterior of the house and garage will be covered with cement plaster. Granite base will be used. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$7,500. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, John Zapp. The dwelling will be erected in Zapp's Park and has been designed for a seven room house with bath and sleeping porch. A garage will also be erected on the lot. Interior of the dwelling will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster or metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$15,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Arthur W. Goodfellow. This dwelling will be erected in Hazelwood Park and has been designed for a fourteen room house with several baths, sleeping porches and a garage. Interior will be handsomely finished in pine, redwood and hardwood veneer. Oak floors will

be used in the main hallways on both the first and second floors. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Some ornamental plaster will be specified. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—2 story and base, frame, \$8,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Fred Tegeler. The building will be erected on J street and will cover an area of 50 by 61 feet. Interior has been arranged for four flats of four and five rooms. Pine, redwood and elm panels will be used for finish. Oak floors will be used in the living and dining rooms. There will be a central heating system and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. An automatic water heater will be installed in each of the flats. Exterior of the building will be covered with rustic and cement plaster on metal lath. Disappearing beds are specified. Plans are being prepared.

LODGE HALL ADDITIONS AND ALTERATIONS—Cost not stated. Hanford, Kings Co., Cal. Architects, Swartz, Hotelkin and Swartz, Rowell Bldg., Fresno. Owners, Elks' Hall Association of Hanford. The second floor of an adjoining building has been leased and will be altered into billiard room, card and smoking rooms. Partitions will be rearranged in the present building and doors will be cut through to the new portion. Interior of the old rooms will be decorated and refurnished. Plans are being prepared.

SCHOOL—1 story and base, reinforced concrete \$30,000. Ceres, Stanislaus Co., Cal. Architect, William H. Werks, 75 Post street, S. F. Owners, Ceres School District. The building will be erected in the center of a large lot and has been designed for an eight room school. Interior will be finished in pine. Floors in the class rooms will be of maple. Plans provide for a central heating system, vacuum cleaning and program clocks. Besides the class rooms there will be a large assembly hall. Exterior of the building will be faced with cement plaster. A clay tile roof will be used.

SCHOOL—2 story and base, brick, \$50,000. Sanger, Fresno Co., Cal. Architects, Swartz, Hotelkin & Swartz, Rowell Bldg. Fresno. Owners, Sanger High School District. The building will contain 12 class rooms, auditorium, office and teachers' rooms. Interior finish will be of pine with maple floors. There will be steam heat, a modern system of ventilation, vacuum cleaning and program clocks. Exterior of the figures will shortly be called. Building will be faced with pressed brick. Plans are nearly complete and

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$12,000. Bakersfield Kern Co., Cal. Architect, Leslie L. Clark, Brower Bldg., Bakersfield. Owner, J. W. Brisbane. Contractor, Fred L. Brubie, Bakersfield. Contract price, \$3,317. Note.—This contract does not include plumbing, electric work or heating.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, Cost not stated. Eureka, Humboldt Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Judge Wilson. The dwelling has been designed to contain eight rooms and bath. Interior finish will be of pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOWS—2 1 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: C. H. Carterton, 3126 T street, 2 story, frame dwelling, \$2,600; and H. Uhl, Uhl Court, 1 story frame cottage, \$1,400. Materials are now being purchased.

SCHOOL MESSHALL—1 story and base, frame, Cost not stated. Covelo, Mendocino Co., Cal. Architect, Bureau of Indian Affairs, Washington, D. C. Owner, United States Government. Plans and specifications have been forwarded to this city for figures for a one story messhall which is to be erected at the Round Valley Indian School. Interior of the building will be finished in pine and redwood. Exterior will be covered with rustic. Plans can be secured from the Indian Warehouse, 268 Market street. An official proposal appears in another column of this issue.

Contracts Awarded.

CLUB HOUSE—2 story and base, reinforced concrete, \$11,500. Auburn, Placer Co., Cal. Architect, Frank S. Holland, 100 Haight street, S. F. Owners, Tahoe Club. Contractors, Herdall

Building Contracts.

SACRAMENTO COUNTY.

W ¼ LOT 6, 1, J. 4TH AND 5TH STS., Sacramento. Alter building.
Owner.....W. J. Weisman, 2117 22nd St., Sacramento.

Architect...None.
Contractor...Matthews Con. Co., Forum Bldg., Sacramento.
COST, \$1500

LOT 12 ROSE AVE. TRACT, Sacramento. Erect dwelling.
Owner.....A. O. Hansen.
Architect...None.
Contractor...Archie Myers, 3802 York Ave., Sacramento.
COST, \$1200

LOT 227 West Curtis Oaks Add'n., Sacramento. Erect dwelling.
Owner.....W. D. McKay, 1211 X St., Sacramento.
Architect...None.
Day's work.....COST, \$2500

LOT 21 Casa Loma Terrace, B. C. 32nd and 33rd Sts., Sacramento. One-story barn.
Owner.....Frank L. Warren, 2325 L St., Sacramento.
Architect...None.
Day's work.....COST, \$500

S ½ LOT 7, N. O. FRONT AND SECOND STS., Sacramento. Repair fire damage to dwelling.

Owner.....G. A. White, 528½ J St., Sacramento.
Architect...None.
Contractor...R. Fritzsche, 1615 G St., Sacramento.
COST, \$500

SACRAMENTO. To raise levee on that portion of the bow or wing levee which lies on property or right of way of Western Pacific Railway Co. and the portion of said levee which lies southerly of said property along 20th street to B street. The two borrow pits from which material for raising said embankments or levee is to be taken are to be located westerly of said levee and approximately parallel thereto. Both borrow pits to run northerly from southerly line of A street.

Owner.....Western Pacific Railway Company.

Architect...None.
Contractor...Palmer, McBride & Quayle.
Filed Nov. 14, '13. Dated Nov. 4, '13.
COST, \$

Building Contracts.

SAN JOAQUIN COUNTY.

W ½ LOT 8 AND E 3 LOT 6 BLK 11 E of Center Street, Stockton. All work for three-story brick building.

Owner.....Mary P. Marshall, 34½ American St., Stockton.

Architect...Jose Losekann, Room 79 San Joaquin Bldg., Stockton.

Contractor...Daniels & Green, 623 W. Park, Stockton.

Filed Nov. 10, '13. Dated Nov. 10, '13.

2nd story joists on.....	\$2500
Roof on	2500
Plastering completed	2500
Building finished	2600
Usual 35 days.....	3400
TOTAL COST,	\$13,500

Bond, \$7000. Sureties, James Mulcahy and R. E. Wilcox. Limit, forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTH-CALIFORNIA.

RESIDENCE—2 story and base, frame, \$20,000. Los Angeles, Cal. Architect, Frank T. Kegley, Consolidated Realty Bldg., L. A. Owner, Dr. C. P. Thomas. This dwelling will be erected in Brentwood Place and has been designed for a 15 room house with baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used throughout. Besides the residence a two story garage with accommodations for four machines and chauffeurs' quarters will be erected on the lot. Plans provide for a central heating system, vacuum cleaning and automatic water heaters. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$50,000. Los Angeles, Cal. Architects, Hunt and Burns, Laughlin Bldg., L. A. Owner, Mr. House. The dwelling will be erected in Oak Knoll

and has been designed for a fifteen room house with several baths and sleeping porches. A garage will also be erected on the lot. Interior of the house will be finished in hardwoods, pine and white enamel. Hardwood floors will be used throughout. Plans provide for steam heat and open fire places. Mantels will be of tile and brick. Tile floors and wainscot will be used in the bath rooms. There will be a vacuum cleaning system and automatic water heater. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner's name withheld. The building will be erected on West Pico street near Harvard covering an area of 45 by 100 feet. There will be two stores on the first floor and a total of 46 rooms arranged for two and three room suites on the upper floors. Interior finish will be of pine and redwood. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are being prepared.

STRUCTURAL STEEL FOR MUNICIPAL DOCK NO. 1—Cost not stated. Los Angeles, Cal. Engineer, City Engineer. Los Angeles. Owners, City of Los Angeles. W. B. Kyle of San Francisco was low bidder at \$88,978 for the construction of steel work for a shed on Municipal Dock No. 1, Los Angeles Harbor. Additions or deductions to be made at the rate of 3.15c per lb. Other bids were Llewellyn Iron Works, \$94,991, 3 3/4c per lb., additions or deductions; Security Construction Co., \$97,692, 3.49c per lb.; Baker Iron Works, \$103,000; Russell-Greene-Poell Co., \$104,190; Mesmer Rice, \$109,470; Milwaukee Bridge Co., \$110,336; Snare & Triest Co., \$124,956.

WAREHOUSE ADDITION—3 story and base, Class A. Cost not stated. Los Angeles, Cal. Architect, A. Bruns Sturges, Story Bldg., L. A. Owners, Lyon Fireproof Storage Co. This work will consist of a three story addition to the present four story Class A building. The structure covers an area of 50 by 145 feet. A new passenger elevator will be installed and the present freight elevator will be extended into the new portion of the building. Interior partitions will be of metal lath and plaster. Interior finish will be of pine. There will be metal window sash and frames and fireproof doors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOSPITAL—3 story and base, Class A construction, \$50,000. Los Angeles, Cal. Architects, Garrett and Farrell, Currier Bldg., L. A. Owners, French Hospital Association. The building will be erected at the corner of College and Castelar street and will have frontages of 38 and 120 feet. There will be 25 private rooms, operating rooms, 10 baths, and wards. Exterior walls will be of reinforced concrete as will be the floors and roof. Interior partitions will be of hollow tile. The floors and wains-

coting will be used in the baths and operating rooms. Plans provide for steam heat and elevator service, a vacuum cleaning system and other modern conveniences. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SCHOOL—1 story and base, reinforced concrete, \$30,000. Bishop, Inyo Co., Cal. Architect, Samuel Clements, Bishop. Owners, Bishop School District. The building will be designed to contain eight class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat and a modern system of ventilation. Program clocks and vacuum cleaning will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

MUSIC HALL—2 story and base, reinforced concrete, \$90,000. Claremont, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. The building will be built in shape of a letter Y, and will have a total frontage of 260 ft., and an average width of 45 feet. There will be an audience room to seat 1000, 8 studios and 16 practice rooms; reinforced concrete frame and gallery, hollow tile, filler walls, plaster exterior, tile roof, artificial stone trim, hardwood and pine trim, plumbing, wiring, heating. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick and steel, \$40,000. Ontario, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Chaffey Union High School District. Portions of the old walls are now standing and use will be made of these in constructing the new building. Fireproof stairways and corridors will be used. Interior will be finished in pine throughout. There will be a central heating system and program clocks, vacuum cleaning and a modern system of ventilation. Plans call for eight class rooms, auditorium and offices. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

STORES AND OFFICES—5 story and base, brick and steel, \$50,000. Hollywood, Los Angeles Co., Cal. Architect, E. P. Parcher, McCadden Place, Hollywood. Owner, C. E. Toberman. The building will be erected on Hollywood Boulevard covering an area of 75 feet square. First floor has been arranged for four stores and the upper floors for 80 suites of offices. Foundation will be of reinforced concrete and frame of steel. Exterior walls will be faced with pressed brick. Plans provide for steam heat, elevator service and metal window sash and frame. Interior will be finished in pine throughout. There will be patent store fronts and marble base. Plans are complete and figures are being taken.

TELEPHONE EXCHANGE—6 story and base, Class A construction, \$230,000. Los Angeles, Cal. Architect, Cobby, 333 Grant avenue, S. F. Owners, Pacific Telephone and Telegraph Co. This work has been mentioned here before. The building will be erected on South Hill street and will have a frontage of 74 1/2 feet by a depth of 75 feet. A contract for the structural steel has been awarded to the Baker Iron Works of Los Angeles for \$25,800. Balance of the work is now out for figures. Bids will close on December 1st.

STORES AND LOFTS—5 story and base, Class A construction, \$10,000. Los Angeles, Cal. Architect, George W. Harding, Washington Bldg., L. A. Owner, J. M. Browne. The building will be erected at the corner of Boyd and Omar streets covering an area of 65 by 100 feet. Construction will be fireproof throughout with reinforced concrete floor, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Interior will be finished in pine and metal. Metal window sash and frames will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

GARAGE—1 story and base, brick and steel, \$30,000. Coronado Beach, San Diego Co., Cal. Architect, E. Ernst, Spreckels Bldg., San Diego. Owners, Coronado Hotel. The building will be erected on the hotel grounds and will cover an area of 65 by 200 feet. A concrete floor and foundations, brick walls and steel roof trusses will be used. Exterior walls will be faced with pressed brick. Special gasoline storage tanks are specified. Interior will be finished in pine. There will be metal window sash and frames. Plans are complete and the work is being done by Day Labor.

Contracts Awarded.

COLD STORAGE ADDITION—3 story addition, brick construction, \$25,000. Los Angeles, Cal. Architect, John E. Kunst, Higgins Bldg., L. A. Owners, Mathie Brewing Co. Contractor M. Stepan, 1942 South Los Angeles street, L. A. Contract price, \$25,000.

CLUB HOUSE—2 story and base, brick and steel, \$32,000. Santa Barbara, Santa Barbara Co., Cal. Architect, J. Corbly Poole, Bothin Bldg., Santa Barbara. Owners, Neighborhood House Association. Contractor, Alfred Jensen, 1208 Chappalla street, Santa Barbara. Contract price, \$32,000.

RAIL STATION—1 and 2 story and base, Class A and Class C construction, \$250,000. Los Angeles, Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Architects Parkinson & Bergstrom, Security Bldg., L. A., associated. Owners, Southern Pacific Co. Contractors, Alta Planing Mill Co., 830 McGarry street, L. A. Contract price, \$250,000. Note—This work has been held up by the city of Los Angeles until recently when resolutions were passed by the City Council permitting the construction of the building. Operations will be started at once.

PORTLAND AND OREGON.

FACTORY ALTERATIONS—4 story and base, brick, \$25,000. Portland, Ore. Architect, Ernest Kroner, Worcester Bldg., Portland. Owners, Frye & Co. This work will consist of reconstructing the present building and constructing additional buildings for smoke houses, coolers, etc. All construction will be of brick and steel. Interior finish will be of pine throughout. There will be metal window sash and frames and fireproof doors. Exterior of the building will be faced with pressed brick. A large amount of special machinery will be required. Plans are nearly complete and figures will



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be called for by the architect within a week or ten days.

STEEL PLANT—2 story and base, concrete and frame construction. \$40,000. Portland, Ore. Engineers, Engineering Department, Northwest Steel Co., Portland. The building will cover an area of 580 by 59 feet, giving the main portion of the building a floor area of 37,900 square feet. No interior finish will be used. There will be a cement floor and metal window sash and frames. Special machinery will be required. Exterior of the building will be faced with corrugated iron. Plans are complete and the work will be carried on under the direction of W. H. Cullers, Chief Engineer of the company.

APARTMENT HOUSE—7 story and base, reinforced concrete, \$250,000. Portland, Ore. Architect, W. H. Downing, Abington Bldg., Portland. Owner's name withheld for the present. The building will be erected on a corner in the downtown district and when complete will be the largest and most modern apartment house structure in Portland. Preliminary plans only have been prepared but these show a building with a total of over 125 suites of two and three rooms. All apartments will have private baths and wall beds. Provision has been made for a swimming tank, Turkish bath parlors, amusement rooms and a large ball room. Construction will be fireproof with exterior walls of reinforced concrete, concrete floors and roof. Interior partitions will be of metal lath and plaster. Exterior of the building be faced with cement plaster. All reinforced concrete work will be in the hands of Hartman and Walsh. Further mention will be made of the work as plans progress.

Contracts Awarded.

SCHOOL—1 story and base, stone, \$20,000. Bend, Ore. Architects, Swett & Levesque, Spokane. Owners, Bend School District. Contractors, Brostherous Bros., Bend. Contract price \$20,000.

SEATTLE AND WASHINGTON.

TUNNEL AND SHAFTS—In connection with harbor project, \$300,000. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. Plans have been completed for the construction of a 900 foot tunnel under Lake Union and for two shafts each 150 feet deep. Concrete lining will be used. Bids for this work will be called for at once. Full particulars can be secured from the City Engineer at Seattle.

CHURCH—2 story and base, reinforced concrete, \$45,000. Seattle, Wash.

Architect, J. A. Crnetzer, New York Bldg., Seattle. Owners, First Methodist Episcopal Church, Seattle. The building will be erected at the northwest corner of Roy street and Broadway and has been designed in the classic style. The main auditorium will have a seating capacity of 750 people. Besides this room there will be Sunday School rooms, social parlors and pastor's study. Plans provide for a central heating system, probably steam, vacuum cleaning and other modern conveniences. Interior will be finished in pine and ornamental plaster. Exterior will be faced with cement plaster. Bids will be called for on the foundation work within a short time. Balance of the structure will be erected later.

BROS., Auburn. Contract price, \$11,500.
VIADUCTS AND RETAINING WALLS—Reinforced concrete construction, \$450,000. Vancouver, B. C. Engineer, City Engineer F. L. Fellows, Vancouver. Owners, City of Vancouver. Plans have been practically completed by the City Engineer, F. L. Fellows, for the construction of the four concrete viaducts in the east end of the city at a cost of \$450,000. The bridges will span the Great Northern Ry. Co.'s tracks and will be of concrete and steel construction, averaging about 500 ft. long and 100 feet wide. Considerable concrete retaining walls are called for. Figures will be called for shortly.

POWER PLANT—Class A construction, \$100,000. Seattle, Wash. Engineer not selected. Owners, City of Seattle. Plans will be prepared under the direction of Superintendent of Lighting, Ross, Seattle, for the construction of the first unit of the \$500,000 auxiliary steam plant for the lighting department of Lake Union, Seattle. This portion of the work will cost \$100,000. It is probable that the services of a specialist on this class of work will be sought. The matter is now being considered by the Board of Public Works.

DEPARTMENT STORE—3 story and base, brick and steel, \$100,000. Tacoma, Wash. Architects, Heath and Grove, National Realty Bldg., Tacoma. Owners, Dore and Gross, Seattle. The building will be erected on C street near 11th and will cover a large ground area. Construction will be practically fireproof. Interior finish will be of pine and hardwoods. Interior partitions will be of metal lath and plaster. There will be steam heat and elevator service. Arcade front with patent show windows and marble base is specified. Exterior of the building will be faced with pressed brick. Plans are complete and a general contract will be let.

E. H. Williams

Chalmers Munday

Munday & Williams Attorneys-at-Law

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Contracts Awarded.

WAREHOUSE—2 story and base, brick and steel, \$30,000. Seattle, Wash. Architect, I. S. Harding, 1507 Harvard ave., Seattle. Owners, O. L. Willetts Co. Contractor, I. S. Harding, 1507 Harvard ave., Seattle. Contract price, \$30,000.

SCHOOL—2 story and base, brick and concrete. Cost not stated. South Bend, Wash. Architect, none. Owners, City of South Bend. Contractors, The Manhattan Co., Central Bldg., Seattle. Contract price not stated.

SEATTLE'S ELECTRIC PLANT.

The Largest in the United States.

By Edward P. E. Troy.

Seattle may justly boast of possessing the largest municipal electric plant in the United States, with an income greater than any similar American municipal undertaking. The vote of its people last year, approving of the purchase of the Lake Cushman and White River power sites, will enable that city soon to operate one of the greatest electric plants in the world. It will furnish at cost 215,000 horse-power for the lighting of the city and its homes, and the operation of its manufacturing industries, thus insuring the commercial supremacy of that place.

From the beginning of the city in 1869 its charter has provided for municipal lighting. In 1902 the voters approved of a bond issue for that purpose, and in two years the plant was in operation. The private company was charging 20 cents per kilowatt for residence lighting. Immediately the city commenced to build its plant this rate was reduced to 12 cents.

The city commenced supplying current for eight and a half cents; in 1911 reduced its charge to seven cents, and last year to six cents. The company has been forced to follow the city in these reductions. As a result of municipal ownership, the people of Seattle are paying today one dollar for the same quantity of electricity that they had to pay three dollars for to the private company.

The city plant has also established a rate of three cents for cooking, washing, sewing, ironing and other domestic appliances. The people of Seattle, through municipal ownership, are furnished the great modern convenience—electricity—for all purposes in the home at such a low cost as will permit its use by every one.

There are over 800 arc and more than 5,000 other electric lamps in the municipal street lighting system. The cluster lights alone illuminate more

than twenty-five miles of streets. The company formerly furnished 213 arcs at \$66 per year, and 1,891 other lights at \$15. The municipal plant gets \$34 for each arc and \$9.60 for incandescents. It will be seen that the company charged sixty-six per cent. more than does the city for incandescents, and twenty-two per cent. more for arc lamps. Thus municipal ownership has enabled Seattle to greatly increase its street lighting, making it one of the best lighted cities of America. Portland, San Francisco and Los Angeles could do as well if they became free from the corrupt influence of private lighting companies.

The total revenue of the plant for 1911 was \$727,384, and the operating expense, including interest, \$315,016. Of the profit, \$161,581 was set aside for depreciation, and the balance put into new construction. The power lines are being connected with those of the Tacoma municipal electric plant, insuring continuous service to each city should either of the plants meet with any accident. This will save the building of steam reserve plants by either city.

The entire plant was built by City Engineer R. H. Thomson, and his assistant, J. D. Ross, the latter of whom is now in charge of the plant. Mr. Ross gives the loyal citizens of Seattle credit for the splendid success of this plant, in spite of vicious opposition of the corrupt corporations oppressing it.

ARIZONA GREATEST COPPER PRODUCER.

Has Output of Mineral Products a Day—Large Share of State's Gold and Silver production Also Derived from Copper Ores—Mineral Production in 1912 Increases Over 50 Per Cent.

Arizona ranks first among the States in the production of copper, and copper mining is by far the mainstay of the mining industry of the State, according to E. W. Parker, of the United States Geological Survey. The recoverable copper content of the ores produced in Arizona in 1912 was 365,628,649 pounds, a million pounds a day. The value of this product was \$60,231,377. In 1911 the recoverable copper content of the ores produced in Arizona was 306,141,538 pounds, valued at \$38,267,692. The increase in 1912 was 58,897,111 pounds, or 19.2 per cent. in quantity, and \$21,963,685, or 57.4 per cent. in value. The total value of the mineral products of the State in 1911 was \$44,503,873; in 1912 it was \$67,497,838, an increase of over 50 per cent. The large increase in the production of copper was due principally to the development of steam-shovel operations on the low-grade schists and porphyry (concentrating) ores of the Ray district, in Pinal County, and the Miami district, in Gila County.

Second among the mineral products of Arizona is gold, in which the State ranks seventh. The only other important mineral product is silver, in which Arizona ranks sixth in production. The three metals, copper, gold, and silver, constitute nearly 98 per cent of the total production of the State. The gold production in 1912 was 181,997 fine ounces, valued at \$3,762,216, and the silver production was 3,190,387 ounces, valued at \$2,146,588. Nearly one-third of the gold output is ob-

tained in the reduction of copper ores, and most of the silver also comes from copper ores. Arizona produces also considerable quantities of lead and zinc, the former amounting in 1912 to 3,403 short tons, valued at \$306,290, and the latter to 4,379 short tons, valued at \$604,319. The total value of the metallic contents of the ores produced in Arizona in 1912 was \$67,060,350, or more than 99 per cent of the total mineral production of the State.

FARMERS TO COME UNDER COMPENSATION ACT.

A surprising number of farmers have declared their intention of exercising their optional right to come under the Workmen's Compensation Act.

For approximately six dollars a year they will be able to insure against damages for injuries to an employee, and this is being regarded as good a business proposition as fire insurance.

The Commission is at present at work on a schedule of insurance rates, which will be adjusted according to the risks of various employments.

Work is also going forward in regard to the safety appliances feature of the Act. Avoidable accidents are far more numerous than is generally realized. It is estimated that twenty-five deaths could have been prevented in this state last year if proper safeguards had been provided.

The safety provisions of the California law were taken from Wisconsin's Compensation Law. In that state it has had a marked success, employers joining heartily in carrying out requirements and suggestions to avoid injury of workmen. Upon thorough investigation they found that in the end it would pay them well to introduce the safeguards.

A favorite statement of the opponents of the Compensation Act is that if a teamster gets drunk and is hurt in falling off his wagon, the employer will be liable. It is chiefly on such gross misstatements that the attacks on the law are founded. The Act specifically provided that no liability arises when the accident is caused by intoxication or the willful misconduct of the injured employee.

Many employers who choose to come under the Accident law which has been in force during the last two years have become enthusiastic supporters of Workmen's Compensation. A leading baker in this city, who employs a hundred men, has become a staunch advocate. Elimination of damage suits and lawyer's fees is an advantage shared by employer and employee alike. Statistics show that only eight per cent of the workmen injured recovered anything in damage suits.

ASKS SPUR LINE EXTENSION.

In an application that has been filed with the Railroad Commission, the Tonopah and Tidewater Railroad Company asks authority to issue \$231,000 of bonds for the purpose of constructing a line of narrow gauge railroad seventeen miles in length, in Inyo County. The line will connect the Biddy McCarty Borax mine, owned by the Pacific Coast Borax Company, with the Ryan branch of the Tonopah and Tidewater railroad. Primarily it is intended to afford an outlet for the product of the borax mine, and also for general freight and passenger business.

BUREAU OF MINES.

New Publications. (List 24.—Nov. 1913.)

BULLETINS.

Bulletin 69. Coal-mine accidents in the United States and in foreign countries, by F. W. Horton. 1913. 101 pp., 3 pls., 40 figs.

Bulletin 71. Fuller's earth, by C. L. Parsons. 1913. 38 pp.

TECHNICAL PAPERS.

Technical Paper 30. Accident prevention at Lake Superior iron mines, by D. E. Woodbridge. 1913. 34 pp., 7 figs.

Technical Paper 51. Possible causes of the decline of oil wells, and suggested methods of prolonging yield, by L. G. Huntley. 1913. 32 pp., 9 figs.

Technical Paper 60. The approximate melting points of some commercial copper alloys, by H. W. Gillett and A. R. Norton. 1913. 9 pp.

MINERS' CIRCULAR.

Miners' Circular 13. Safety in tunneling, by D. W. Brunton and J. A. Davis. 1913. 19 pp.

The Bureau of Mines has copies of these publications for free distribution, but can not give more than one copy of the same bulletin to one person. Requests for all papers can not be granted without satisfactory reason. In asking for publications, please order them by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

BLUE SKY LAW VINDICATED.

The "Blue Sky" law, which was held up by referendum and will be voted upon at next year's election has received a striking vindication in the failure of the Los Angeles Investment Company, the directors of which are now under federal indictment.

It is just such high finance concerns which, by misrepresentations, induce investors to part with their good money that the law is aimed at.

Charles A. Elder, President of the indicted board of directors, led the campaign against the blue sky enactment and it was he and his associates who supplied the funds for the circulation of the referendum petitions that halted the new law. Elder also made a number of public speeches and assailed Governor Johnson in a nasty fashion for having approved of this and other Progressive legislation.

LANDS RESTORED TO PUBLIC DOMAIN.

Quarter Million Acres Released by Recommendation of Secretary of the Interior.

Last month recommendations were made to the President by Secretary Lane, of the Interior Department, that have resulted in a net decrease of 200,510 acres in the outstanding withdrawals in public-land States. Nearly 265,000 acres of land previously withdrawn were restored to the public domain, and additional withdrawals of about 65,000 acres were made. The largest restoration was one involving nearly 242,500 acres of coal land in Montana. In Utah 14,500 acres of withdrawn lands were likewise classified as to their coal value and restored. The withdrawals made during the month were all for the reservation of water-power rights, the largest being nearly 62,000 acres in Oregon and a

little over 1,000 acres each in Idaho and Washington, but in the latter two States the withdrawals were more than counterbalanced by restorations of over 2,000 acres of lands which investigation by the Geological Survey proves to have no value for power.

As a result of this work the withdrawals now outstanding include somewhat less than 68,000,000 acres, all but about 10,000,000 acres of which are lands that are awaiting examination as to their coal character. The progress that has been made in classification of supposed coal land is well illustrated by the fact that although about 58,000,000 acres await classification, nearly 34,000,000 acres have already been classified as to their coal value and restored to entry. Of this total, 18,500,000 acres have been classified as coal lands and valued at nearly \$761,000,000.

Great progress has likewise been made in the classification of lands as to their irrigability as required in the administration of the enlarged-homestead act. More than 203,000,000 acres in the arid and semiarid States have so far been classified as nonirrigable and thus rendered available for entry in homesteads of 320 acres each.

FRAME SHACKS IN FIRE LIMITS DEMOLISHING FAST.

The records of the Bureau of Building Inspection of the Board of Public Works show that fifteen permits have been issued for tearing down or removing frame shacks from within the Fire Limits since September 1st, the date of last report.

There are approximately 120 more of such structures in the Fire Limits yet to be removed.

A permit was issued to Wm. Wolff on September 8th for wrecking a three-story concrete and brick building at the southwest corner of McAllister and Polk streets, this structure being located in the Civic Center.

EDITORIAL

The Chronicle prints an editorial on A Denial of Justice, in which it narrates a story of the failure of Montana farmers to obtain relief from smelter fumes because they did not have money enough to pay for the printing of a transcript on appeal to the United States Supreme Court.

This case is certainly a denial of justice. For the printing of a voluminous transcript is nearly all a waste of money any way and the method of appeal is five hundred years old. This cumbersome procedure, this failure of justice, is just what the progressives have sought to remedy. And just as soon as they propose some effective method that will deprive the rich of unequal opportunity or make special privilege toe the scratch with the ordinary citizen then the Chronicle and all of its kind howl to high heaven. Now it moralizes on the failure of justice. When the recall was proposed it was voicing the sentiments of the "influential eastern journals" that California be deprived of statehood because it had dared to adopt such a suggestion.

Under present conditions appeals are

made to the Supreme Court of the United States on the most frivolous grounds. If the appellant has sufficient pull with the "eminent guys in mother Hubbard gowns" he can tie up a case indefinitely. Thus the litigant is put to the expense of going to Washington, waiting for years on an overcrowded calendar, generally to get an affirmation of a decision rendered in a lower court years before.

What is needed is to simplify procedure, and get men on the Supreme bench who are big enough to keep pace with the times, and men who, even though they may have been corporation lawyers, are big enough to adopt methods that lead to equal justice in spite of hoary precedent that may have been laid down in the interest of a favored few.

The prevention of the need of charity is always in the mind of the men and women who are taking charge of the relief of persons in poverty. For instance, here are some of the measures favored by the Missouri State Conference of Charities and Corrections that just completed its annual conference at St. Joseph:

Better child labor laws, with age limit at 16 years, schooling through the eighth grade and a health certificate before permission to work in factories.

Better juvenile court laws.

A more elastic constitution.

Politics out of the state institution management.

Pensions for the blind.

The building of an industrial school for negro girls.

Protection of the rights of illegitimate children.

State reformatory for young women

Abolition of common law marriage.

Workmen's compensation law.

Minimum wage board.

Extensions of widows' pensions.

Making of child abandonment a felony.

These measures are directed toward making people more efficient, removing the artificial handicaps that keep children from making the most of themselves, lightening the load of inequities. A few years ago they were merely discussed at conferences of charity workers. Today they are finding their way happily into political platforms and are emerging into the stage of active achievement.

There has been built and there is now in successful operation in the Sahara desert a sun power plant pumping water for irrigation purposes in that arid region. The engine uses steam for its motive power and the boiler is the invention of Mr. Frank Shuman of Philadelphia and the plant was installed under his direction.

This boiler consists of a long trough upon which is focused the sun's rays from a parabolic mirror which is extended for a distance of about 200 feet. This mirror is mounted upon a steel frame that is tilted so as to get the maximum rays of the sun at all hours of the day. The heat thus conveyed upon the boiler converts the water into steam which is conveyed to an engine and there does service as does steam from any other source of heat.

The engine is said to furnish power at a cost many times cheaper than it could be procured in any other way.

As there is practically no cloudy days in the desert and the country is comparatively near the equator there is practically no limit to the amount of power that can be developed. Power from such a plant can be transmitted into electric energy and thence conveyed to any part of the country.

While water power is being fast appropriated and the coal and oil of the country are being rapidly exhausted this source of power may soon be utilized at first hand. Thus the desert which has been a waste since the world began may become the source of the world's power in the future. And the barren lands may be transformed into blooming fields by the wonders of mechanics and the defects of nature be transmuted into sources of industrial wealth and power.

After December 1st the ordinary celluloid moving picture may not be used in France. Instead an uninflamable film must be used. Thomas A. Edison issued the following statement when informed of the new French law:

"There is no possible material known that takes the place of the present celluloid film. In this country the insurance companies have been so strict that everything pertaining to the film and machine is encased in iron and asbestos so that the chance of a fire is reduced almost to immunity. Out of 13,000 moving picture theatres we scarcely ever hear of a fire, although the theatres are running almost continuously. The amount of film stored in the fireproof booth at any one time is so small that it is difficult to imagine any danger to the theatre even if the whole amount should burn up. A properly designed machine provides immunity aside from the fireproof booth."

The Chronicle is much concerned over the rights of states in the conservation congress, that is now being held at Washington. In this matter the Chronicle is the champion of state rights. And as the federal policy of conservation has become developed and effective its opposition to federal control has steadily increased. For the same reason it has become the champion of the city owning and controlling its water front only since the Southern Pacific has been put out of control.

That the states have some rights in the domain included within their borders it is reasonable to suppose. But the question of disposing of the timber lands, the water power and the coal and oil lands which originally belonged to all the people as a nation is a question generally for the nation to decide. The nation's resources have long been exploited by special privilege. The question now is how best to preserve and conserve and administer what is left. The advocates and the sponsors of special privilege are all lined up on the side of the states. Naturally the people think there must be a nigger in the woodpile somewhere and are constrained to believe that the national administration is the better course.

A great hullabaloo has been raised over the Mayor's veto of the Municipal Opera House ordinance. The Mayor's chief objection seems to be that of the perpetuity clause of the agreement

wherein the donors of the fund for the construction of the building have a prior right to the reserved seats and in the management of the building.

The question seems to have several angles. It is certainly a commendable spirit for people of wealth to contribute to a monumental building that will be a credit to the Civic Center plan. Especially at a time when the city can ill afford to increase its burden of taxation by completing the plans for a Civic Center. And particularly in the construction of an opera house whose success in a financial way would be very problematical.

The Chronicle states that the Mayor is stooping to dirty politics and acting the part of a demagogue. Also that he opposes it for the reason that the control would always be in intelligent hands and be out of politics.

The natural inference to be drawn from the remarks of the Chronicle is that only the people who are able to contribute to the fund for the municipal opera house are fit to govern. In other words such people as Mike De Young and his associates are the divinely anointed. They possess wealth and intelligence and should rule.

If this is the sentiment voiced by the donors the Mayor did a wise thing in vetoing the measure on general principles. For the self-assurance of these self-accoladed citizens is appalling. Many of them have acquired their wealth by methods that are questionable to say the least. And when they assume the rule of the Pharisee and criticize people for acts that may not agree with their preconceived notions the criticism is usually taken for what it is worth.

Supervisor McLeran makes an intelligent statement, according to reports. He says that he voted against the measure on its passage because he thought that the city ought to be able to take over the building at any time by paying to the donors the amount subscribed. And as the ordinance contained no such provision he was not in favor of its passage. He says that he is now informed that the city could acquire it by condemnation proceedings just as it might acquire any other property and that he does not know how he would vote on the measure if such is the case.

It seems like some such reserve provision might be made. The donors could be protected by returning them their money at any time they were denied their preferential privileges. And it is doubtful if the public would demand the privilege of attending grand opera at a price which the preferred seats would cost for many many years to come. It is to be regretted that the contribution of public spirited citizens can not be accepted where it would tend to beautifying the city and adding to its educational institutions and furthering its artistic culture. Perhaps some plan may yet be devised that will be agreeable to all concerned.

While the big talk about the Municipal Opera House is on and the question as to first choice of seats is being agitated, will some kind member of the Board of Supervisors or the Chief of Police or some other official, kindly take up the matter of the ticket sales at the Orpheum and other theatres that are more or less popular.

What is the reason that when a citizen wants to go to the Orpheum,

for instance, that he has to go to a saloon or a cigar stand to get a ticket? Why is it that if you go to the box office three days ahead the best you can get is the 26th row while the saloon man can go at 8 o'clock on the same evening and get much better seats?

Playhouses are quasi public institutions and the public should be equally favored in the choice of seats. As it is all the best seats are farmed out and anybody who wants to go and get a comfortable seat has to submit to a petty graft. In New York it is even worse. The speculator on the sidewalk hold you up for about a double price. The only journal that has consistently fought this petty graft through all the years is "Life." It has a stereotyped sentence set in italics which it usually runs at the end of its theatrical criticism which reads—"The speculator on the sidewalk means a crooked management inside."

Here is a view of the Mexican situation taken from the Sacramento Bee:

"There is in Mexico a curious medley of politics, which puzzles outsiders, and which most Mexicans, probably, do not understand, as the great majority of them are densely ignorant.

There are at least seven distinct parties, each with a leader of some note. Of these the Zapatistas are the most numerous. They claim to be in the majority.

The next in order is probably the Liberal Party, divided into three branches.

Other parties are the Catholics (in name at least), the Anti-re-electionists, the Constitutionalists, and the Socialists.

The composition of most of these parties is said to be much mixed, so no real harmony exists among their members.

The Zapatistas are the Zapata Party, or party of the peons, which includes the Maderistas. But now, it appears, the Constitutionalists are crying "Viva Zapata!" with the view of adding to their own ranks.

The Zapatistas are followers of Zapata, and their great demand is distribution of land to the poor.

There are other party distinctions and complications, but it would be a hopeless task to attempt to describe them.

Evidently, in view of these numerous, opposing, and seemingly irreconcilable political divisions, most of them burning with animosity toward one another, the outlook in Mexico for peace and unity is not very good.

If it be true that the Zapatistas are the majority party, and bitterly opposed to the Constitutionalists under Carranza, recognition of the latter by the United States would not be likely, in the long run, to help the situation very much.

The Constitutionalists have received much attention in the United States, but this seems to be chiefly because they hold one or two of the northern States of Mexico, along the Texan border, which naturally brings their operations into notice from this side of the line.

In this regard the Christian Science Monitor prints an article on political conditions in the neighboring "Republic," which it says was written by a Mexican who was at one time a high official there, but it does not give his name.

That Mexican writer opposes recognition of Carranza and armed intervention by the United States, which he declares would lead to war. But he advocates "mediation," a rough concert of action by the United States and the various States of Central and South America, for the purpose of restoring order in Mexico and bringing about a stable government, and to assist it with credit and moral support.

It is, of course, the writer argues, would not hurt the pride of Mexico, as would intervention, and would be likely to accomplish the desired result, without resistance.

The suggestion seems well worth consideration at Washington, as a judicious compromise between "absent treatment" and forcible interference in Mexican affairs."

EXPOSITION WORK FAR AHEAD OF SCHEDULE.

SAN FRANCISCO, Nov. 19.—Director of Works Harris D. H. Connelk, in a report just submitted to President Charles C. Moore of the Panama-Pacific International Exposition, declares that the Palace of Machinery is 93% completed. He states that very little more carpenter work is to be done, that the window frames are all in place and are being glazed; that the skylights are completely glazed, and the roof about completed.

PALACE OF EDUCATION—All wall framing and sheathing is in place. The dome is rapidly nearing completion. The building is now ready for staff work and plastering. The average number of men employed during the past month has been 175.

PALACE OF FOOD PRODUCTS—The erection of the super-structure of this building practically started on the first day of October, and its erection since then has been phenomenal. About 80% of the frame work is in place. The glazing of the roof skylight is in place. The average number of men employed has been 183.

PALACE OF AGRICULTURE—The contractors are preparing to raise the super-structure and progress has been made upon the concrete fire walls.

LIBERAL ARTS PALACE—The entire floor work has been completed and the erection of columns and trusses was started early in the month and about 275,000 feet was raised in the air. The total number of men employed during the past month has been 110. The total of lumber incorporated in the building up to date was 1,800,000 feet.

MANUFACTURERS BUILDING—One fourth of the framing material has been installed and about 310,000 feet of lumber are in place. Parts of the building are ready to receive staff and the work in the shop is going forward rapidly and satisfactorily.

TRANSPORTATION BUILDING—About 2,100,000 feet of lumber has been placed. The framing of the super-structure is being carried on but through lack of steel it will be impossible to start erection for another month.

AUDITORIUM—Cast iron basis, first tier of columns, first story steel, and a portion of the second floor steel, have been erected. The contractor still has 60 days to complete the work and he will have very little difficulty in doing it.

VARIED INDUSTRIES BUILDING—The floor has been completed and the erection of the super-structure under way. More than 450,000 feet of lumber have been placed in the floor and a like amount was placed in the super-structure. All the staff has been cast and the south and east fronts are ready to receive the same. About 185 men have been engaged in this building.

MINES AND METALLURGY BUILDING—To date 1,450,000 feet of lumber have been used in the super-structure and flooring. Walls are being framed as fast as the super-structure goes up, and they will be ready to set staff almost at once. A very large portion of staff has been cast.

Director Connick in his report also shows that 44,989 feet of high pressure water system piping has been installed; that there are 165 head of stock with proper equipment busily engaged in grading the main roadway in the Concession district, grading the Fine Arts Bldg. and doing other work; that the plumbing in all the exhibit palaces is going on apace, and in most instances has been completed.

Connick also reports that the Government warehouses have been moved from the site and have been placed on foundations in their new location in the Presidio. He reports further that the first shipment of steel for the Fine Arts Palace will arrive in this city early in January.

The fire alarm system is now being installed throughout the grounds and there is a fire company with apparatus ready for emergency. The Director of Works states that fifty men are engaged in the enlargement of sculpture for the Exposition.

The sowing of the beds in the south garden for lawn has been completed and the entire area has been covered with a carpet of green. Up to date 670 pines in variety ranging in height from 12 to 24 feet have been boxed and bottomed and ready for shipment. In the nursery are 45,000 cuttings of geraniums.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.

The suggestion is made that all communications to consular officers be addressed

The American Consul,
At _____,
the name of the officer not being given. Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what

language correspondence should be conducted?

No. 11908. "Hubbel" plugs.—A business man in a European country informs an American consular officer that it would like to get the names of manufacturers of "Hubbel" plugs for vacuum cleaners. The firm states that it is greatly interested in this article and wants to buy large quantities.

No. 12000. Electric lights.—An American consul in Canada reports that a committee from a local city council recently visited certain cities in the United States to inquire into the lighting system of the business sections. As a result of this trip the city will install 96 magnetic lights of illuminous are lights. Plans and specifications may be had by applying to the superintendent of the electric-light plant, whose name can be had by applying to the Bureau of Foreign and Domestic Commerce.

No. 11992. Vulcanized fibers.—An American consular officer in a European country reports that a resident of his district is desirous of representing American manufacturers of vulcanized fibers. Correspondence may be in English.

No. 12001. Steel rails.—A report from an American consul states that a European business man would like to act as agent for American manufacturers of heavy and light steel rails. The utilization of water power for mills and factories, and the development of mines and mining in the country in question have opened up a market for iron and steel rails. The recent inauguration of a direct steamship line with the United States should place American manufacturers in a position to successfully compete with foreign concerns.

No. 11987. License to exploit forest tract.—Sealed proposals in duplicate will be received by the Director of Forestry, Manila, P. I., until December 10 for a 20-year exclusive license to cut and gather timber, firewood and other forest products, and remove stone and earth from certain forests in the Philippine Islands. Copies of the conditions governing this license will be furnished to interested persons by the Bureau of Insular Affairs, War Department, Washington, D. C. That bureau also has in its files for inspection a forest map of the tract referred to and a detailed report of a forest survey made of it. Should prospective bidders be unable to prepare bids within the specified time, the Bureau of Insular Affairs upon receipt of such notice by December 8 will take steps to have the date of opening postponed for a suitable time.

No. 11988. Electric-lighting machinery and plant.—An American consular officer reports that the city board of a foreign municipality invites tenders for supplying the machinery and plant required for the installation of electric light. The machinery must be of the latest and most improved type and worked by naphtha. Electric energy required, about 100 kilowatts. If possible payment in yearly installments, for a term of years. All correspondence should be in Russian or German.

No. 11980. Timber sale.—The American consulate general at Vancouver reports that sealed tenders will be received by the Minister of Lands until

December 26 for the purchase of a pulp license. Three years will be allowed for the removal of the timber. Particulars may be obtained of the Chief Forester, Victoria, British Columbia, Canada.

No. 11990. Detachable motors for boats.—A business firm in a European country informs an American consular officer that it wishes to import external motors for boats, similar to a cut furnished and which may be obtained from the Bureau of Foreign and Domestic Commerce. Manufacturers should communicate with this firm as soon as possible.

No. 12017. School desks.—It is reported that the Department of Public Instruction in a foreign country will soon be in the market for 6,000 school desks of the type commonly used in the United States. An American consular officer has furnished the name of the official to whom catalogues, price lists, and correspondence in regard to the matter should be addressed. It is preferable that communications, etc., be in Spanish.

No. 12022. Rowboats.—An American consul reports that a society in his district has made inquiries regarding American rowboats of the knock-down variety. Twelve to sixteen foot boats are desired, and particulars as to cost f. o. b. New York, cubic feet shipping measurements, and other useful information should be forwarded to a member of the society named.

No. 11993. Telephone and telegraph apparatus.—A foreign Government telegraph office desires information concerning apparatus for the transmission of telephone messages over the telegraph wires already installed throughout the country. Information is also desired concerning the machine which is attached to wires to receive the messages directly connected with a typewriter, printing the message as it is received. Exporters of such apparatus should communicate in Spanish only with an official named by an American consul.

No. 11994. Electric railway.—The American consulate at St. Michaels, Azores, has forwarded copies of a prospectus for building and operating an electric railway on that island, for which proposals are invited by the Junta Geral (local Parliament).

No. 11995. Electric derrick cranes.—Pds are requested for supplying and erecting two new 5-ton electric derrick cranes, fitted with 75 feet steel latticed jib, steel body, timber stays, and sleepers. The lifting gear to be single and double purchase, fitted with a powerful foot-lever brake. Wire ropes to be used both for lifting and derricking gear, the lift rope being fitted with a ball-bearing swivel hook. The motor to be 12-horsepower, by the Lancashire Dynamo Co., and controlled by a tramway type controller, with necessary resistance. Apply to Mr. R. Carlyle, builder, Elsinore Road, Old Trafford, Manchester, England, for further particulars.

No. 12007. Wrought-iron pipes.—A report from an American consular officer states that a local business man, who is able to furnish good references, is desirous of representing American manufacturers of wrought-iron pipes. Correspondence may be in English.

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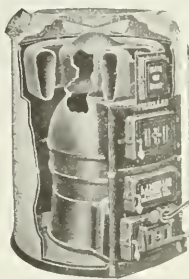
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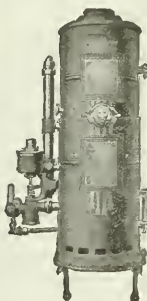
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Carlson, Elmer
Casty, John
Cavanagh & Vezina
Cobby, J. W.
Cole, P. J.
Collins & Collman
Commarty - Peterson Co. (Inc.)
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Cramer, O. A.
Day's Sons, T. H.
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Ferrell Co.
Finlayson, M. M.
Flaherty & Ogle
Fletcher, James P.
Ginley, Ed.
Glaze, Robert
Gleeson, James
Gompertz, C. W.
Gutleben Bros.
Hall, B. R.
Hamertson & Son,
Wm. C.
Hamilton, Peter
Hansen, C. W.
Harcom, J. J.
Healing, George
Healy - Tibbitts
Constr. Co.
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Heckenroth & Schell
Hennings, Adolf
Henning, W. H.
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Hill, O. C.
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Johnston, Joel
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Kern & Son, F. W.
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Kline, Harvey A.
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Koenig, L. B. G.
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Larsen & Bergstrom
Lansing, Frank P.
Larsen & Larsen
Lindgren, William
Lindgren Co.
Lindsay, Chas. M.
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Mages Brothers
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McClennan & Co.
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game
McLaughlin, Jas. L.
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Monk, J.
Monson Bros.
Munster & Bornholdt
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Pettersson & Persson
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Ramsome Concrete Co.
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Reiter, J. B.
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Taylor & Goerke
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Thurston & Co.
E. T.
Trost, Robert
Van Sant-Hough-
ton Company
Walker, G. H. & Seth
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Wright, Chas. M.
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Folsom St Iron Works
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Eureka Wire & Iron Works
Farrנקopf & Sons, C.
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Leitolt & Co. M.
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Vickrey & Pfeffer
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Vancouver Wks
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Lloyd & Spengler
Lorenson, H. V.
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Pacific Coast Casualty Co.
Pacific Surety Co.
Webster - All-

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Miesner, Paul
Millerick, Phil. J.
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Oberfeld, Chas.
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Brick & Pottery Co.
Carnegie Brick & Pottery Co.
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Clark & Sons, N.
Dignard Brick Co.
Tile Co.
Gladding - McNear Co.
Golden Gate Brick Co.
McNear Brick Agency
Remillard Brick Co.
Steiger Terra Cotta & Pottery Wks
United Materials
Vallejo Brick & Western Development Syndicate
Westwood Lime & Cement Co.
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Instruments.
Keuffel & Esser Co.
Building Journals.
Architect & Engineer.
Building and Industrial News.
Daily Pacific Builder
Building Materials.
Algettinger, E.
Algettinger, Portland Cement Co.
Baker & Hamilton
Bay Develop. Co.
Bay Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Material Co.
Cal. Pottery Co., Inc.
City Supply Co.
City Line & Hydrant Co.
Carnegie Brick & Pottery Co.
Comyns, Mackall
Dwan Co., J. E.
Rihoni, Henry
San Francisco Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Spargo, John
Szoke, Francis
Thoms & Sands
Westerlund, J. V.
Zimmerman, L. M.
Concrete Mchys.
Bacon & Co., E. R.
Graves, S. B.
Road Mchys. Co.
Lilley & Thurston Co.
Lavermore Co., J. Norman B.
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A. L. Wang, Machinery Co.
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Belling, E. B.
Langford, Felts & Myers
Orenstein
Arthur Kennel Co.
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Aomian Cornice Works.
Atlas Casting & Ventilating Co.
Barth Cor. Wks
Capitol Sheet Metal Works
Conlin & Roberts
Crown Cornice Works
Guilfooy Cor. Wks.

Comyns & Nygren
Forgerd Cornice Works
G. & M. Sheet Metal Works.
Heipner Sheet Metal Works
Hibernia Sheet Metal Works
Hughes, H. J.
Hurabelle Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet Metal Works
Morrison & Co.
Olive & Leary
United Metal Works
Western Furnace & Cornice Co.
S. F. Metal Stamp & Corr Co.
Crude Oil Burners.
Bill & Jacobsen
Sherman, Kimball & Co.
Crushed Rock.
Bay Develop. Co.
Cal. Building Material Co.
Cassarretto, John
City Supply Co.
Holland, J. P.
McMullin, A. L.
Simon-Pout Brick Co.
Star Contracting Company.
Standard Crushed Rock Co.
Stone Co., E. B. & A. L.
Western Development Syndicate
Damp Proofing.
Brickley, P. J.
Fox, John L.
Imperial Waterproofing Co.
Hulse & Jamelson
Taylor, L. J.
Whittier - Coburn Company.
Door Opener and Closer.
Rischmuller, Geo.
Electric Fixture.
Calif. Gas & Electric Fixture Co.
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Electric Light Co.
City Electric Co.
S. F. Gas & Electric Co.
Electric Wiring & Equipment.
American Elect. Eng. Co.
Elec. Constr. Co.
Central Elec. Co.
City Protective Electric Co.
Decker Electrical Construction Co.
Farnsworth Electrical Works
General Electric Constr. Co.
Globe Electric Works
Hickel, W. S.
Hicks Elect. Co.
Kirsten, W. H.
Levy Elec. Co.
Manhattan Electric Co.
McCell Elec Co.
National Electric Co.
Newberry - Bendheim Elec. Co.
Pac. Fire Extinguisher Co.
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Schmetschek, M.
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Tucker Co. The Vilt Elec Co.
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Elevator Builders.
Otis Elevator Co.
S. F. Elevator Co.
Van Emon Elevator Co.
Estimator.
Crossett & Eastman
Dillon, H.

Ferguson, W. H.
Horwege H. J.
Howell, H. J.
Morse, E. J.
Pridde, Elton
Walker, J. M.
Church

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Artolth Mfg. Co.
Bender R. & P. Co.
J. W.

Dwan Co., J. E.
Forestone &
Roofing Co.
Flaherty R. & P.
Co., R. H.

Goodmans, A. K.
Mallott, Peterson
& Adams.

Watsonite Co.

Floors, Hardwood

Hardwood Int. Co.
Henderson Floor Co.
Pac. Floor Sand-

ing Co.

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Co., Thomas

Gas Heating Sys-

tems.

Reactor System

Gas Heating Co.

Gasoline Tanks &

Pumps.

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Glass & Glazug

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dow Glass Co.

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Fuller Co., W. P.

Grosslicht & Din-

elene

Habenicht &

Howlett

Mission Plate &

Window Glass

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Window Glass

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United Glass

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Kutton, L. Y.

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Devincenzi & Co.,

L.

Dillon Teaming

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Gallen & Carlin

Giorgi Co., G.

Hartnett J. D.

Holland, J. P.

Lennon Co., J. E.

Leffler, Fred

Luggen, Ernest

McCluney &

Monahan

Montague Co., P.

O'Day Co., Dan'l

O'Donnell, Philip

Pica, Edw. F.

Powers, Chas. J.

Rahman & Woods

Schmid, A.

Sibley Grading &

Teaming Co.

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Gram Granite

Co.

Lead Granite Co.

W.

Pacific Granite Co.

Placer Granite Co.

W.

Gravel.

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terial Co.

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Standard Crushed

Rock Co.

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ers.

Inland Floor Co.

Hardwood Inter-

rior Co.

Wood Lumber Co.

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Joost Bros.

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Algetinger, E.

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ating.

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ing Co.

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ry Co.

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Stove & Found-

ry Co.

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Company.

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Steel Company,

Woods & Huddart

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Eureka Wire &

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Folsom St. Iron

Works.

Glasser & Kloeres

Golden Gate Iron

Works

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Monarch Iron

Works

Ralston Iron

Works

S. F. Iron Works

Sartorius Co.

Schraeder's Iron

Works

Security Iron &

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Steiger & Kerr

Stove & Found-

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Vulcan Iron Wks.

West Coast Wire

& Iron Works

Western Iron

Works

Zenth Iron Wks.

Works

Jobst Hangers &

Post Caps.

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ston Co.

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Price Co.

Western Bldrs.

Supply Co.

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Meinl.

Balzke Robt.

Edwards, C. H.

Hayden, Fred

Lynch, Richard

McAfee, E. T.

Raymond, Wm. H.

Ward, J. E.

Lime & Plaster

Dealers.

Arden Plaster Co.

Cal. Lime & Hy-

drate Co.

Cowell Lime &

Cement Co.

Guerlin & Co., J. S.

Holland, J. P.

Lemo Co., J. E.

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Quality Lime pro-

ducers.

Western Lime &

Cement Co.

Lumber Dealers

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Christenson Lum-

ber Co.

Columbia Lumber

Co.

Doe Co., Frank P.

Hardy Lumber Co.

Hart-Wood Lum-

ber Co.

Hauptman Lum-

ber Co.

Kruse Co., J. H.

Hooper Lumber Co.

McCubbin, James

Manning, John

Neal, L. J.

Oafer & Son

Rumrigh

Schafer, Wm.

Smith, J. S.

Sovig, C. E.

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John H.

Swanson, Peter

Walker, Mayer

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Zellinsky, R.

Paints, Oils Varn-

ishes, Etc.

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Corn & Co., Mar-

ion D.

Detroit Graphite

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Futter Co., W. P.

O'Brien, J. S.

Paraffine Paint Co.

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Hughes, H. J.

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Lamburth, C. E.

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Birch Co., L. H.

Burgess Supply

Depot

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Emmanuel, A. & E.

(Inc.)

Empire Planing

Mill

Hermann, A.

Herring's Mill

Holden - Deuprey

Co.

Lorden Mill Co.

P. P.

Main St. Planing

Moore Mill & Lum-

ber Co.

Pac. Coast Mill &

Lumber Co.

Premus Planing

Mill

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 Dyer Bros.
 Golden Gate Iron Works
 San Francisco Iron Works
 Ralston Iron Wks.
 Vulcan Iron Wks.
 Zenith Iron Wks.
Surveyors.
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 Sanborn & Corin-son
Teaming & Grading.
 Branick, J. P.
 Button, L. V.

Devenenzl & Co.,
 Dillon Teaming
 Gallen & Curlin
 Hartnett, J. D.
 Holland, J. P.
 Leffler, Fred
 Luggen, Ernest
 McGlinchey & Monahan
 Montague Co., P.
 O'Day Co., D.
 Pico Edw., F.
 Powers, Chas. J.
 Sibley Teaming & Grading Co.
 Schmid, A.
 Star Contracting Co.

Wright Co., J. H.
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 van
 Mangrum & Otte-
 Peertless Agency
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 Vacuum Co., F.
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 Marshall - Stearns
 Co.

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 Spring Valley
 Water Works.
Whitewashing.
 Brickley, P. J.
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 Taylor, L. A.
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 American Window
 Cleaning Co.
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 dow Cleaning
Windows, Patent.
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 Simplex Window
 Co.

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 Rischmuller, Geo.
Electric.
 California Electric
 Central Works.
 Central Electric
 Co.
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 Hanbridge, W. S.
 Leach Elec. Co.
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 tor Co.
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 age Co.

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 ilating.**
 Burnham Plumb-
 ing & Heating.
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 ior Co.
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 er
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 Pacific Rolling
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 Hillard, C. J. Co.
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 er
 "Phoenix Iron Wks
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 ry Co.
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 uality Co.
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 Peterson - Karts-
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 ing Material
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 S.
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 Quality Lime and
 Cement Co.
 United Material Co.
 Waterhouse &
 Price Co.
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 Supply Co.
 Western Building
 Material Co.

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 Royd & Moore
 Lilley & Thurston
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 ment Co.
 Holmes Lime Co.
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 Leonard, J. J.
 Maynard, Jr., J. L.
 Mee, A. A.
 Pacific Portland
 Cement Co.
 Quality Lime and
 Cement Co.
 Western Building
 Materials Co.
 Standard Portland
 Cement Co.

Concrete.
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 Camp & Carillon.
 Duncanson, Har-
 relson Co.
 Foster & Vogt.
 Gorman & Hifi-
 cal Stone Co.
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 Keatinge & Sons, R.
 Leonard, J. J.
 Leonard, L. P.
 Lynch, A.
 Pasqualetti, J.
 Stanquist & Tay-
 lor
 Stanquist &
 Zimmerman, L. M.
 Conard, H. Rein-
 forcement.
 Lilley & Thurston
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 Bateman, J. C.
 Boring, F. H.
 Born & Son, S. A.
 Brady, C. A.
 Brauntown Bros.
 Brudick, Wm. A.
 Caldwell & Co.
 Cameron & Dis-
 ton.
 Cavanaugh & Ve-
 zina.
 Chisholm, R. A.
 Cobby, J. W.
 Concannon, W. N.
 Connors, H. H.
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 Lewis
 Days' Sons, T. H.
 Devar, P. & Son.
 Elam, Thos. & Son
 Elliott, E. W.
 Fahy, R.
 Fischer, Fred.
 Franz, Val.
 Frost, T. P.
 Gillespie, G. G.
 Gallagher, Frank
 Gardiser, Florent.
 Greig, Robt.
 Hainsbrough Bros.
 Heasley - Tibbitts
 Co.
 Hinson, L. A.
 Hill, J. A.
 Holt & Son.
 Howe, A. A.
 Hoyt Bros.
 Ingerson, C. A.
 Jacks, H.
 Jones, G. G.
 Kohl, S. H.

Knowles & Reich-
 ley.
 Lang & Bergstrom
 Leiter, E. T. &
 Sons.
 Lynch, M. C.
 Masow & Morrison
 Mathews, Con. Co.
 Mathies, H. C.
 McBain, J.
 McMillan, R and
 Wm.
 McLachlan, Thos.
 Miller, Adam.
 Moller, R. W.
 Morey, H. B. & Son
 Owsley, B. T.
 Penny, Isaac.
 McLeran & Peter-
 son.
 Robinson & Gil-
 lespie.
 Co., L. N.
 Savage, M. J.
 Simmen, John.
 Smith, J. W. & Son
 Spence, A. T.
 Stockholm & Al-
 len.
 Terrill, G. C.
 Walker Bros. Co.
 Warwick, H. C.
 Buller, Thos.
 White Bros. (car-
 penters)

Cornice Works.
 Amster, C. S.
 Berger Mfg. Co.
 Capitol Sheet Mtl.
 Works.
 Comyns & Child-
 ers.
 Conlin, J.
 Cronan, Wm.
 Forderer Cornice
 Works.
 Guilfoyle Cornice
 Works
 Appman Cornice
 Works.
 Heldt, Wesley.
 Morrison & Clark.
 S. F. Cornice Co.
 Western Furnace
 & Cornice Wks.
 Co.

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 Lathing.**
 Lynch, Richard
 Schenbly, Hos-
 trawser & Ped-
 griff
 Raymond, W. H.

Curbing, Granite
 McLanagan, S. B.
 Dunn Program.
 Brickley, P. J.
 Reigel & Jamson

Fireproof Doors.
 Gervais, Henry.
 Norris, L. A.
 Roehrig & Sons,
 John A.

Floor Sanding
 Inland Floor Co.
 Pacific Floor
 Sanding Co.

Grill Work.
 Cal. Art Metal &
 Wire Works.
 Merle Co., A.
 Sartorius Co.
 Withington, C. W.
Gen. Contractors.
 Andrus, R. C.
 Brigham, H. B.
 Caldwell & Co.
 Cereghino & Son,
 Louis

Dempick Bros.
 Farquharson, D. B.
 Pee, Grant.
 Fluth & Morton
 Graham, D. E.
 Griffith, Wm.
 Hannah, J. D.
 Hannah & Co., J. S.
 Hayes, W. W.
 Jackson, A.
 Kuykendall, J. O.
 Malley, Edward.
 Mattiies, Henry
 Peacock, John
 Van Sant-Hough-
 ton Co.

Glass and Glazing
 Cal. Plate & Win-
 dow Glass Co.
 Cohen, I.
 Cobbedick, Glass
 Co., L. N.
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— THIS WEEK'S ILLUSTRATIONS: —

Two Illustrations Of Alameda County's
New Infirmary, Designed By Architect
Charles Peter Weeks of San Francisco.

WEDNESDAY, DECEMBER 3, 1913.

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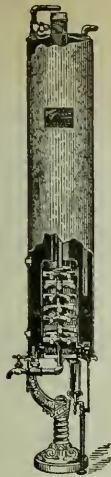
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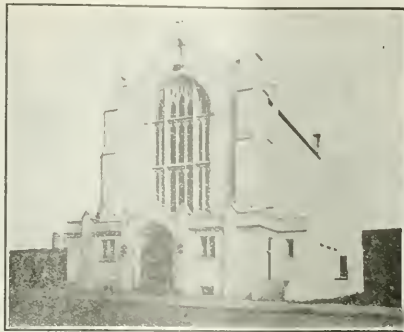
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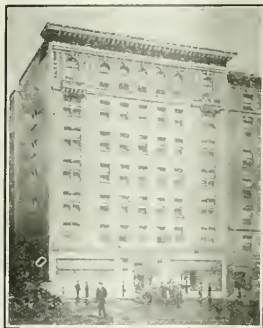
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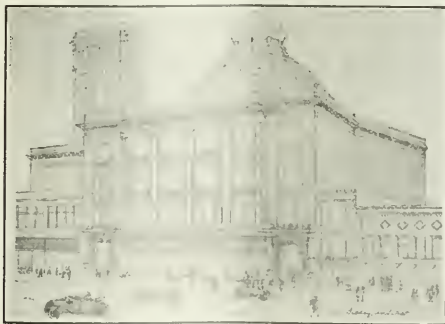
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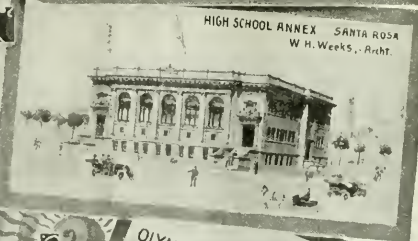
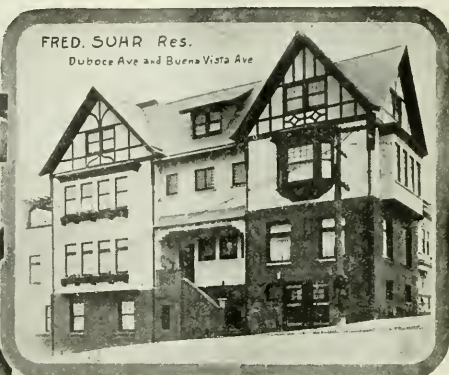
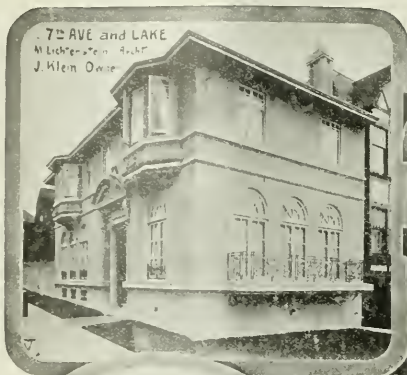


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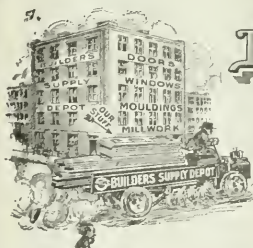
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Editorial Comment.

The Solano Irrigated Farms proposition has gone glimmering into the land of beautiful dreams along with the Mississippi Bubble and other Utopian promotion schemes that have held public attention in other times. Whether it fell upon times that were inopportune or failed in the financial backing of its overlords has not been made public, but one thing seems certain and that is that the project has failed and those who have invested their good money in the scheme are liable to wait some time before they receive any returns. Real estate men have just cause to complain of such pretentious promotions that go up in smoke and ruin the market for a long, long time. Such schemes as these demonstrate again the need of a blue sky law that will exercise some sort of intelligent supervision over stock subscriptions and this sort of land sales. The question now is, for those who paid money and had agreements to purchase lands in the project, how are they to get their money back or get the land under the terms of the agreement?

The Los Angeles Investment Company that failed and whose officials are now under indictment, is the one that was most active in circulating the referendum petition on the blue sky law. Now there is some means of inquiring into these flamboyant concerns before they brush and scatter ruin in their wake.

Colonel Goethals places the date of probable opening of the canal as April next in his report giving plenty of time for any exigency that may arrive in the meantime.

There seems to be no question of the success of the canal as far as the locks and the mechanism is concerned. The only thing that the chief engineer puts any question on is the uncertainty of slide at Culebra cut and the retention of sufficient water in Gatun lake. The only source of loss to this supply is by leakage and evaporation, barring the amount used at the locks for the purpose of putting ships through these different levels. Inasmuch as this lake is fed by rivers that drain a country subject to an enormous rainfall there would seem to be no serious cause of alarm that the water supply will be insufficient.

The Mexicans can hardly be called a civilized race in view of the recent events that have transpired there. Huerta has assumed control of the government through the assassination of his chief. In the recent victories of the rebels against his government the victorious chief has retaliated by as-

sassinating defenseless prisoners. The only difference this mode of procedure has from the American Indian is that so far as reported none have been tortured to death or burned at the stake.

So far as the outside world is concerned the best thing that could happen would be that the warring factions would exterminate each other. For of all the breed of human beings with which the creator has peopled the earth the Mexican is the most worthless. Like the dogs of that country they are absolutely worthless except to fight among themselves. Were it not for the destruction of property and the sacrifice of innocent lives it would be a good thing to ship in arms and ammunition and let them annihilate each other.

"The award of \$6,000,000 increase in the wages of 100,000 trainmen in the East means that the interest on \$120,000,000 shall be spent not on improved service for the public but on the employees. This might be very well if the roads were permitted to earn the money by adequate charges for the service rendered, but that is a horse of another color. The particular railroads involved in the decision have invested \$2,000,000,000 more, and have earned \$8,000,000 less during the three years since they were forbidden to advance rates, and have been compelled to increase expenses."

The above is quoted from the San Francisco Chronicle. It does not occur to that champion of the special interests to suggest that the water might be squeezed out of that capital. It has ever been the custom of these corporations to resist a demand for an increase in wages or a lowering of freight rates on the ground that they could not pay interest on their capital. But that capital usually represented about three times as much as actually went into the investment. Chairman Eshelman, of the Railroad Commission, suggests that one method for railroads and other public service corporations to get onto a basis of physical valuation would be for them to go into the hands of a receiver and then start out with an appraised valuation of something like the real amount of money actually invested. This of course would do away with the big promotion fees and the unkind financial methods of the special privileged class all of which the Chronicle would greatly deplore.

While moving pictures are being used for show purposes and great historical dramas are being enacted for the amusement of the multitude, they are being used also for historical purposes as well. Not long ago the King of Roumania organized a company for the production of a film of no less than 3000 yards in length, being a repro-

duction of the Roumanian-Russo-Turkish war which determined the independence of that country. The Italian government likewise is collecting all the films taken during the war of that country with Tripoli. In England the same thing is done with the coronation events and the great parade in India.

In the case of Roumania the government lent an army of good men and its baggage and equipment in order to enact the scenes of the Turkish war. With the equipment of armies and the movement of men in the field the moving picture records a faithful record of events for succeeding generations.

Ideas that revolutionize industry and inventions that change the manner of existence are quickly made a part of everyday life. Things that were a miracle of achievement yesterday become a necessity of today, a word adopts itself to the new order of things in a very short space of time. Wireless telegraphy, for instance, is a part of the world's industrial organization and most of us have already forgotten just when it became an accomplished fact. It is the same with many other inventions. The following chapter from flying history, taken from the Fresno Republican, is illustrative of this fact:

Since one daring aviator demonstrated that he could turn somersaults in the air and fly upside down, the stunt has become so common in Paris that mere straight up flying is no longer looked at. And yet it is only a little while ago that any sort of flying was regarded as a miracle. Longley, the great apostle of aerial navigation, who did perhaps more than anyone else to develop the scientific knowledge which made flying possible, died without ever seeing anyone fly, and himself was the subject of misunderstanding and ridicule. Not until December 17, 1903, did the Wright brothers make their first successful flight. Two years later they flew twenty-four miles, but this record was not equaled by any European until September, 1908. In July, 1909, Bleriot crossed the English channel, then an almost undreamed of feat. Now any good aviator could cross the channel almost any day without difficulty. And not long ago Roland Garros flew, without stopping, across the widest part of the Mediterranean sea. Flying at the speed of seventy miles an hour, he traveled 558 miles in a little less than eight hours. This is three times as fast as the fastest steamboat, and the distance is almost one-third of that across the Atlantic by the shortest route. The journey of eight hours covered more than the outer limits of all the long wanderings of Odysseus and was included with in the limits of a short day's work more than the entire boundaries of the known world in the most romantic period of its history. One would have to do only three times as well to fly clear across the Atlantic within twenty-four hours, and considering the progress that has been made in the last few years, such a result would not be at all surprising. These upside down stunts which are purely circus performances, have no relation to real aviation like this, except as they demonstrate the possi-

bilities of stability, and stability is an element in flying.

HARVEST WEATHER FORECASTS.

This name is applied in Great Britain to telegraphic weather forecasts for farmers, issued by the Meteorological office in London every day from June 1st to September 30th, at 2:30 P. M., on the basis of observations taken at the meteorological stations at 1 P. M. They cover a period of 15 hours; viz., from 6 A. M. to 9 P. M. of the following day. When conditions are sufficiently definite a "further outlook" extending the period covered by the forecast to two or more days is added. The office issues a special notice to farmers whenever a spell of several consecutive days of fair weather appears probable. The service is free, except that recipients pay the cost of the telegrams. The Board of Agriculture and Fisheries has just issued a notice calling the attention of farmers to the harvest forecasts and explaining how they may be obtained.—Scientific American.

HIGHEST POINT IN NEVADA.

The highest point in Nevada is Wheeler Peak, which, according to a chart published by the United States Geological Survey, is 13,058 feet above sea level. The average elevation of the state of Nevada is 5500 feet. Only four states, Utah, Colorado, Wyoming and New Mexico, are higher.

AGAINST TRADEMARK PIRATES.

Plans to put an end to the piracy of trademarks and designs were discussed at an important conference of representative manufacturers, wholesalers and importers, which met at the Hotel Astor in New York recently. The present method of registering commercial designs was declared to be cumbersome and expensive, while at the same time affording inadequate protection to the owners. As a remedy for the evil Congress will be urged to pass a law providing for the establishment of a registration bureau in which the design may be filed by their originators at a low expense. The idea on which the proposed measure will be based will do away with much of the time and expense consumed now in protecting designs.

ROOSEVELT'S FAVORITE CARTOON.

In his autobiographical chapter on "The Presidency: Making an Old Party Progressive," in the current issue of the Outlook, Colonel Roosevelt tells of his favorite cartoon. It pictured an old farmer in his shirt sleeves with his boots off sitting before the fire reading the President's message.

"This was the old fellow," he says, "whom I always used to keep in my mind. He had probably been in the Civil War in his youth; he had worked hard ever since he left the army; he had been a good husband and father; he had brought up his boys and girls to work; he did not wish to do injustice to anyone else, but he wanted justice done to himself and to others like him; and I was bound to secure that justice for him if I lay in my power to do so."

Doesn't this quotation give a clue to Roosevelt's wonderful hold on the American people? He really stood for the good substantial people, who were

doing the work of the country, who did not expect to get something for nothing, who always gave value for whatever they got. It was because he stood for these people that he was constantly attacked and lied about.

Nothing leads to such frenzied outbursts, as the blocking of attempts to put something over. The public servant or the newspaper that effectively sides with the men and women who really make this Nation, is always known by crowd.—Kansas City Star.

the attacks that come from the other

MINNESOTA GREAT IRON STATE.

Has Total Mineral Production in 1912 of \$86,000,000, a Gain of Over \$13,000,000.

Because of its great wealth and extensive development of iron ores, Minnesota ranks ninth among all the States in the value of its mineral production. In its output of iron ore Minnesota far outstrikes all other States, and during the last three years it has contributed both in quantity and value considerably more than half of the iron ore produced and marketed in the United States, according to Edward W. Parker, of the United States Geological Survey. In 1912 the total marketed production of iron ore in the United States was 57,017,614 long tons, valued at \$107,050,153, of which Minnesota contributed \$34,249,813 long tons, valued at \$61,805,017. By far the largest part of the iron ore produced in the State is derived from the Mesabi iron range, now the most important iron-producing district of the world. The Mesabi is the youngest of the great iron ranges, the Cuyuna range, which has been developed in the last two or three years, not having attained notable prominence at the close of 1912, in which year its production amounted to 369,729 long tons. The Mesabi range was opened in 1892, and yielded a production in that year of less than 30,000 tons. In 1894 it yielded nearly 2,000,000 tons; in 1902 it produced over 13,000,000 tons, or nearly half of the total output of the Lake Superior iron ore. The Mesabi range reached its highest producing point in 1912, with an output of 32,604,756 long tons.

Exclusive of the iron ore the value of the mineral products of Minnesota in 1912 was \$4,847,712. Of these less important products the principal items are from the quarries and clay pits, which yield products of almost equal value. In 1911 the clay products, exclusive of pottery, were valued at \$1,611,040, and the stone output at \$1,845,746.

The total value of the mineral products in Minnesota in 1912 was \$66,672,729, against \$53,395,881 in 1911, an increase of \$13,276,848.

GOLD DREDGING IN ALASKA.

Thirty-eight gold dredges were operated in Alaska in 1912, compared with 27 in 1911, according to the United States Geological Survey. In addition to these, a dozen or more were in various stages of construction. It is estimated that these dredges handled between 3,200,000 and 3,600,000 cubic yards of material, recovering gold to the value of about \$2,200,000.

Machinery At The Forest Products Exposition.

By C. D. Kordon.

Members of the wood-working trades have doubtless taken note of the fact that arrangements are being made to have a Forest Products Exposition. It will be held next year in Chicago, the Coliseum having been selected as the place; and immediately following the conclusion of the display there, another ten-day exhibition will be held at the Grand Central Palace in New York. It is intended to give the east as well as the west an opportunity to see what wood is, how it is made, what it is used for, and why it is the best material that can be devised for the purposes to which it is being applied.

The idea back of the exposition is obviously a desire to meet the attacks which have been made on wood by the manufacturers of substitute materials. These attacks have undoubtedly had their effect, and it is easy to count up instances in which the article made of wood has been displaced by one of some other material. In the building field wood is almost, if not quite, tabooed, especially for the larger buildings, neither floors nor interior trim, in many cases, being of the material that seems to be best suited for this work, especially when it is treated to render it fire-resisting. In the package trades the box and the barrel have alike suffered, paper boxes and steel casks having taken the place of the wooden container in a lot of instances. Metal furniture instead of wood is another case of the good old reliable material being shoved aside, largely for the fad of a moment. It all hurts the lumber business, hurts the wood-worker, and hurts those who are interested in selling machinery and supplies to that trade.

When the exposition was first broached, a good many people seemed to think that what was needed was merely a display of finished goods. In other words, that by showing handsome wood products, the public would be impressed with the beauty and utility of these goods and would be inclined to use them instead of substitutes. Fortunately, however, this suggestion did not remain intact long after it was put before the expert showman who is to have charge of the details of the exhibition. When he heard that the display was to be made up as indicated above he leaned back and laughed.

"Your show wouldn't last fifteen minutes," he said. "The public, which must be attracted by this exposition if it is to be a success, wants action, motionless, dead mass of stuff, no matter how attractive, will never draw the crowd. You must have machinery running, stuff being made actual work being done, to attract the interest of the observer, either lay or expert; and consequently we must have a show that will be given over, in part at least, to displays of machinery to be used in working in wood."

And so it has been decided to all intents and purposes. The part that ma-

chinery will have in the exposition will be larger, probably, than is intended now. And such a display, instead of detracting from the interest in wood products, will only emphasize it, by calling attention to the marvelous perfection of the equipment and the processes which are now available to the wood-worker, all of them helping to produce good goods at the lowest possible price. So the exposition of machinery in connection with a display of forest products, so far from being out of accord with the idea of the show, is really an integral part of the basic idea back of it.

One might venture the assertion, without risking too much, that when the doors of the Coliseum are flung open next April, one of the first things to get attention and one of the last to lose it will be the machinery exhibits. The products made of wood will be seen and studied; but, after the rounds have been made, the visitors will come back to the machines. The big glue-jointers, making big ones out of little ones; the dovetailing machinery used in the box factory; the equipment used in the production of turned goods, which in the production of turned goods, which is a class of machinery which has been developed to a high point—these and other important units in the machinery display will have their devotees. And the chances are that most of those looking on with greatest interest will be members of the wood-working trade who have not been keeping up with what has been doing in other branches of the trade than their own.

Thus the saw mill man, who has been doing all sorts of things himself in the past few years with machinery, will wonder at the equipment shown for use in the planing mill and factory. The box manufacturer will be astounded at the progress made in the manufacture of barrels; for though the two branches of the package business are closely allied, the average box man probably thinks that most barrels are still hand-coopered. Thus the man at one end of the business, who has been getting all the information he can about his own proposition, will find plenty that is novel and interesting in the equipment being offered for the use of the other fellow.

As an exposition of the really remarkable advances made in the equipment of the wood-working trades, from the stump to the factory, the machinery section of the show ought to be a real contribution to public knowledge. Take the saw mill alone and note the numerous changes which have been introduced since the circular saw and the portable power plant were doing most of the work of lumber-cutting. Not only have band mills been introduced, but with edgers, trimmers, resaws and elaborate systems of conveyors, the lumberman is doing almost as much manufacturing, in the way of added processes, as the factory man, and his additions to plant equipment

in the way of steam plants for seasoning purposes constitute another big item. The use of distilling apparatus as a means of getting at the by-product has now become standardized, so that it may be included in the equipment of the up-to-date saw mill, as a result of which it will easily be admitted that vast progress has been made in that department of the business.

The manufacture of thin lumber opens up another big class with which people outside the trade are not generally familiar. From the time when veneers were first sawed until the present, when the great bulk of thin stock is cut with a lathe, is a far cry, apparently, and yet it covers a comparatively short space of years. The showing of the rotary machine, the slicer and the saw in action, would amaze not only the general public, but a lot of people who ought to be thoroughly familiar with their operations.

The intense interest which the wood-worker has in the machinery used in some other than his own immediate department was well illustrated not long ago when a crowd of lumbermen visited a manufacturing center not far from their own town. They went through the saw mills of the latter city, seeing the processes with which they were familiar; but they stopped longest in a planing mill which was operated in connection with one of the saw mills. The lumber manufacturers could hardly get away from the jointer, and watched its operations for so long that their hosts had finally to lead the way to some other part of the plant. It goes without saying that the same attitude will be shown when the exposition opens.

A feature of the show which is part of the machinery division, in its general ideas, at least, is that which has to do with the treatment of wood. This would naturally include drying, with all the modern processes which have been brought to the aid of the man who can no longer wait for nature to perform the essential operation of seasoning; while the work of crosscutting and timbers, shingle-dipping, impregnating for fire protection purposes, and the like, will furnish spectacles for the eyes of the ultimate consumer, as well as the factory man, which will be worth looking at.

When one gets down to cases, the part that machinery plays in the operations of the wood-working trades is literally tremendous. While it is accepted as a matter of course, and used without thought of the debt the industry owes to the machinery manufacturing interests, it could be remembered that had not improvements been constantly perfected for the benefit of the worker in wood, the advance of the competition of other materials would have been much more rapid. The ease with which wood can be manufactured and the low cost of which products made from it can be put out, compared with the figures of a few decades

ago, form the best bulwark against the ultimate success of substitute materials.

The Forest Products Exposition promises to be one of the greatest events that the wood-worker has ever participated in, and will mark an industrial milestone for many lines of business. But it is safe to say, six months in advance of the show, that the machinery department will be one of the outstanding features of the exhibition, and will impress not merely the public, to which everything will be new, but chiefly the members of the wood-working trades themselves.

AMERICAN WOODS AND THEIR BEAUTY.

By Wesley T. Christine.

Did it ever fall to your lot to see a Mississippi river roustabout drop a melon? If it has, do you recall what happened? Did he not grab the seedless heart of that melon, take a huge bite and kick the inoffending rind into the river?

That is about on a parallel with the way the people of North America have treated the wonderful timber wealth of this continent. They grabbed the heart, used a portion of it and destroyed the remainder.

A time came when there was not enough heart to go around, when the heart did not drop at their feet and someone, related to the coyote, raised a mournful, wailing cry of timber exhaustion.

What really had happened was that the American roustabout, the user of forest products, was asked to take that portion of the forest watermelon in which the seeds grow. He objected strenuously to the trouble of picking out the seeds. He mourned the passing of the days when he could split black walnut into rails, when he could cut oak and hickory for his stove or fire place and when he could buy clear white pine strips for his fences at a nominal price.

He longed for the seedless heart of the watermelon as his portion.

It may prove something of a shock for the people of the United States who have heard the cry of timber exhaustion to learn that we have more timber now than existed in 1893. This is true despite a production during the last twenty years of 1,000 billion feet of timber.

Not only is there more now than there was twenty years ago, but if estimates are any criterion, there is more than 100 per cent more.

Twenty years ago forests were valued on their heart content. Now we are using the portions formerly left in the woods, those destroyed at the mill in older times, those kinds previously labeled "valueless," and those trees which, because of the defects they contained, were left a prey to wind and fire. Here is the result:

In 1889 the forests of the United States were estimated to contain approximately 120 billion feet of timber on the basis on which the timber then was being cut. In 1909 the Bureau of Corporation made a survey of the timber of the United States and placed the total at 2,800 billion feet.

The general building public suffers under the delusion that timber is unduly high in price and is informed

"that there ain't any lumber, anyhow." Compared with the price of other commodities the price of lumber is not high. As for the other part of it, usually the markets of the United States and Canada are over-supplied with exceptionally high grade building and factory lumber of all kinds.

The use of wood "as wood," is the big question for consideration, at this time when so many new, some of them untried and unproven, substitutes are being pressed upon the attention of the builder. To the great American public wood is wood, light or heavy, solid, striped or mottled in appearance.

In the form of lumber it is difficult to identify varieties, difficult even for those who have been engaged in the manufacture and sale of lumber all their lives. Certain woods are recognized readily by those familiar with lumber, but certain other woods look very much like them and the novice quickly becomes confused. Besides, there are no text books from which he can ascertain anything about lumber, he is not greatly interested in the subject, so when in the market for lumber he orders the sixes he requires and leaves it to the dealer to furnish the particular kind he carries in stock.

The dealer is in business for business reasons and ordinarily will handle those kinds that yield him the greatest profit. The architect serves as a check in some cases, but the vast majority of American people buy certain sizes, rather than certain sizes of certain kinds of lumber.

Whether or not the home builder is consciously interested in this question of lumber values and supplies, it concerns him directly, regardless of how or with what he builds. In the first place there is no substance manufactured that will take the place of wood as a shield against the elements. The nearest approach to wood is paper, made largely or entirely of wood fiber held in place with an artificial glue.

Fad materials, heralded as building trade revolutionizers when placed on the market, are forgotten in a few years. The structures built of such materials are dismantled and the material forgotten, while wood and wood structures continue to serve with the unvarying faithfulness with which they have served mankind since the beginning of the world.

The competition between wood and substitutes for wood may be regarded as a family affair in which the outsider has no part, and in which, if he be wise, he will not take sides.

Commercially woods are divided into two classes: Hardwoods and soft woods. The classification first mentioned embraces all of the broad-leaved trees of America. To "soft woods" is assigned all the needle leaved or cone bearing trees, also known as coniferous woods.

Like all general classifications this one may prove confusing. Some of the hardwoods are softer than some of the soft woods. Conversely, some of the soft woods are heavier, stronger and harder than some of the hardwoods.

Therefore it is not sufficient for the builder to ask for hardwood or softwood for any purpose but is incumbent on him to specify the kind. Luckily most Americans have a very good idea of the general run of woods, though are not so familiar with their

relative values as they should be.

Hardwoods represent 20 to 22 per cent of the total production of lumber but for the purpose of this article may well be considered first.

Two of the hardwoods in which affection centered early in the history of our development are scarce now but have not disappeared from the market. These are black walnut and cherry. The small product now reaching the market is used largely by the factory trade, for furniture, gun stocks, moldings, machinery parts, etc. Manufacturers of forty-five different products, in Illinois, are using black walnut wholly or in part. Reports on cherry show about the same range of uses.

Should any builder desire to use either wood they may be procured and to judge by the wholesale price they should not cost very much more than choice white oak.

Decreases in the production of walnut and cherry caused manufacturers to inquire into the merits of other kinds of hardwood timber. The northern and eastern forests abounded in birch to which subsequently was given the nickname "the mahogany of North America," because of its physical—not color or grain—resemblance to the prized wood of the tropics.

The southern Appalachian and other southern states contained a heavy growth of red gum. This was one kind of timber neglected by the early settler who regarded it as part of the "rind" of the forest melon. It was taken up gingerly at first because of its indifferent reputation due to the fact that it was no like other woods and could not be handled with the same degree of carelessness. It was the south's offering as a substitute for the walnut and cherry it did not have and has been a very acceptable and valuable one.

These two woods, red gum and red birch, largely have taken the place of walnut and cherry in the building field and to some extent in the manufacturing field as well. White oak and red oak are produced in abundance and are put on the market in better shape now than formerly. These woods are more valuable now than ever before, therefore are given better care throughout their journey from the woods to the consumer. Oak has played an important part in the history of mankind as well as in the history of North America. Respecting current use perhaps it is sufficient to say that it is employed as the wooden parts of 276 different products of Illinois factories.

Yellow poplar, the great building and factory wood of the Ohio river valley, because of early wasteful practices and the farmer's habit of girdling trees and later burning them, is becoming scarce. Wagon manufacturers and producers of vehicles and farm machinery were the first to voice alarm: There is not going to be sufficient yellow poplar to make wagon bodies for free-horn American citizens to ride about in or to haul things around in and how can we possibly make a vehicle without a yellow poplar body?

The how was to bring cottonwood on the market and to create millions of dollars in timber values by the simple demonstration that cottonwood was suitable for vehicle bodies and for scores of other uses.

Aspen, hickory and white oak were the one-time mainstays of the vehicle and farm implement manufacturers. These woods were used for axles, coupling poles, tongues and other wooden parts of the running gear. Longleaf yellow pine now is being used almost exclusively for pole stock. Maple, birch, beech, red gum, rock elm, ash, hickory and white oak are competing for the remainder of the trade.

Basswood, perhaps the softest, lightest and most even textured of the better known hardwoods, is maintaining its place in the industries. It divides honors with white pine as the piano key stock of the country, it is made into molding, siding and used for scores of purposes by the factory trade.

Chestnut is little known in western markets except as a casket wood, but it is a wood very extensively used in the east.

Among the woods of minor production are persimmon, used in the manufacture of lasts and shuttle blocks; holly, good for the same high purposes; beech, now a flooring wood and a good one; soft elm, the standard material for chair rounds, legs and for staves and hoops.

Oak may be termed the national trim and furniture wood. It now is called upon to divide honors with birch and red gum and with others showing beauty of color and figure, among them being many of the so-called soft-woods.

Yellow poplar, basswood, sap gum and tupelo are retaining their places among the siding and outside trim woods. These woods are soft, and will hold paint, two of the necessary characteristics.

In considering lumber as a building material the user should regard it as a raw material. A house, barn, corncrib, garage, office or household furniture or contrivance of any kind into the construction of which wood enters is a finished product, the cost of which is made up of three items: Value of the raw material, cost of labor, and profit.

It costs as much to handle the least valuable and least suited wood, usually as it does to handle the most valuable and best suited kind. The only difference in the cost of two articles, one made from the best the other from the poorest raw material, should be the difference in the cost of the raw material. In house building much of the difference in the cost of the raw material is offset by the lower labor cost of handling the better kinds. That is not a very startling truth in itself but it leads to one:

Each home owner should select the kind of lumber for the several purposes for which they are to be used on a basis of their proven value for such purposes. He can secure fairly reliable information from local lumber dealers, from lumber trade papers, from all building papers and from any of the organizations that are giving the several kinds of wood publicity.

Fifteen years ago the building and factory trades of the United States entertained certain fixed ideas regarding wood values. Their preferences were accepted as a matter of course. Today their needs are being supplied with good material with suitable material at a fair price as a matter of necessity. Perhaps the pendulum has swung too far in the direction of indiscriminate

use of woods, for certain kinds of lumber now are being employed for purposes for which they are not suited but something was necessary to cure the people of this country of their expensive habit of eating melon hearts and to teach them that other portions of the forest melon are good and should be used.

A REBEL IN THE CAMP OF ARCHITECTS.

Under the above head, W. H. de B. Nelson in the November number of *The International Studio* gives an interesting discussion of the invention of a new order of architecture by A. A. Cantin of San Francisco who is associated in Seattle with Charles Haynes, with offices in the Mehlhorn Bldg.

Mr. Cantin has not been busy in proclaiming his discoveries for following his inspiration he departed for Europe where in Rome and elsewhere for four years he applied himself diligently to the task of putting his ideas into the crucible of practical experience. Having ascertained beyond the shadow of a doubt that these ideas were feasible in every detail, Mr. Cantin returned to America and patented his designs. It may seem strange that an architect's ideas should be subject to patent, but this new-style architecture possesses unprecedented features, and the inventor or discoverer conceives himself the right to supervise any development that may ensue. He is, however, seeking no monopoly as the license fee for using the style is nominal.

"This new-style architecture," writes Mr. Nelson, "is based upon a fundamental order of architecture, with the addition of a new arch and column combination. It results from an effort to fathom the reason for the discarding by the ancient Greeks of the combination of the arch and column from their beautiful structures; although they were fully aware of the use of the arch, yet history does not record any single building of importance where such a combination occurred, which undeniable fact invites reflection. It seems a safe hypothesis, therefore, that they deemed such a combination as unfinished and, consequently, inartistic in design. Of course it is to Italy that we must turn to judge the merits and demerits of past and present style. Past-style arcades betray unfinished structure, lacking in cohesion between column and archvolt; the observer feels a sense of unrest in facing the arch moldings dead ending upon the top of the abacus. The addition of bolsters and entablatures between the top of the column and the archvolt lends no beauty to the combination nor truth to the construction.

"A most prominent defect in the old arcade is the overhanging of the angles of the archvolt over the periphery of the column, by which a clumsy appearance is obtained, and a fear that the arch may crush the abacus.

"It would be impossible in this short article to go any length in pointing out technical refinements involved suffice it to say that in the new-style arch and column the above-mentioned defects are eliminated and the beauty and finish of the capital enhanced by the proper termination of the archvolt moldings upon the column shaft.

This new-style architecture should particularly commend itself to architects and sculptors alike, as it offers such splendid opportunities of design and permits them to impress their personality upon a structure making it more symbolic of its purpose and more impressively beautiful than is possible with any other style. Then, again, it would give immense scope in group designing of columns; magnificent effects could be assured by different colored marbles being used for capital and shaft. Such a colored combination is of immense importance and quite out of the question in old-style architecture.

"The most notable feature is the placing of statues upon consoles in the panels of the capitals, by which means both interiors and exteriors of structure can be enriched. Here again architect and sculptor can co-operate, as in theatre foyers and lobbies; public halls and vestibules, too, lend themselves to the most varied treatment, and may thus win fresh interest in the eyes of the visitor. At present, outdoor statues are too high to be admired properly, and are soon disfigured by exposure, but if placed about the column capital in the new style these objections would automatically vanish. Take, for instance, a modern hall room, and very little imagination must show the immense possibilities of Mr. Cantin's design which lends itself equally to Spartan simplicity or lavish elaboration. Transplant yourself for a moment to the new postoffice in New York City, opposite the Pennsylvania Railroad Station. What a splendid field presents itself here for architect and sculptor to unite in placing upon the column capital allegorical figures in keeping with the historical legend carved in the frieze!

"The human figure is the most appropriate decoration for capitals and must surely supersede the present designs, with their monotonous cast-iron appearance. In capitals where the figure or bust is used in a leaf-work design, a jumbled effect is produced and the main motif is lost. A glance at the old-style capitals in elevated positions shows "spottiness" and fails to give a clean-cut appearance when observed from the ground.

"To create a new architecture it is a sine qua non to possess a fundamental basis. This might ordinarily sound like a platitude, but the many efforts to butt against tradition and evolve a new style in this country have failed utterly, for the very simple reason that the modes employed have lacked this essential quality. In Mr. Cantin's design, the column arch-trave, with frieze and perforated cornice, form a new order of architecture to add to the Doric, Ionic, Corinthian, Composite and Tuscan orders. A new factor is introduced in architectural standards by the column and arch combinations. It has been the custom to place a column of any order under an entablature or arch, without any change in the formation of the capital. As an arch is an entirely different structure from an entablature, why should not the connection differ? The new style adds to the design of a building, creates new motifs, is more flexible, makes a finished combination of the column, and with well-designed sculpt-

ture decoration fills all requirements for beauty, utility and stability.

"What use are heavy, overhanging cornices? On the other hand, beautiful shadow-play may be expected from these perforated cornices in the new style because they are perforated in the farthest overhanging part; open-work portions may be filled with tracery or with colored glass, the sunlight projecting the colors among the shadows upon the frieze. This is a point of considerable importance if we are to construct with an eye to fine effects.

"In old-style architecture the height is too shallow to carry proportionately the superimposed load, while in new-style this difficulty is obviated by extending the capital right up to the underside of the frieze, which member must be planned in proper relation to the load it carries. The sculpture work on the panels of the capital has a low relief at the base and center of the panel, heavier at the top so as to cast proper shadows at the abacus line. In illustration of this precept, the reader's attention is called to Goujon's figures in the Fountain of the Innocents, in Paris. To revert for a moment to the Renaissance period, it is interesting to reflect what use the architects and sculptors would have made of this new-style architecture in their column capitals and perforated cornices. As the column capital bears the shape of a Latin cross, it is safe to say that all their ecclesiastical architecture would have been carried out in this style and enriched with madonnas, Christ on the Cross, saints and angels, etc.

"Men like Michelangelo, Donatello, Goujon and Thorvaldsen would have left us a rich heritage of beautiful motifs in stone and marble, but the classical style columns did not appeal to them as worthy material for their art.

"In the old-style architecture the abacus is so thin as to appear brittle; 'ears' of foliage at the angles give no solidity to it, and a bunch of leaves at the top of a column carrying untold tons of masonry seems almost childish in conception."

The voice is Jacob's but the hands are the hands of Esau. The notes are "International Studio's" notes but the ideas are the ideas of Mr. Cantin. Like that publication, the Daily Record accepts no responsibility and is in no wise acting as the champion of new-style architecture. We realize that Mr. Cantin has developed new features which we are pleased to present to our readers. It is very questionable whether it be possible to discover a new order at any time, and still more so in the present commercial age. Also we believe that we can detect certain flaws and discrepancies in these designs which subsequent criticism and debate will doubtless lay bare. Meanwhile, any one seeking intelligently to improve present conditions of architecture in America is rendering yeoman service, and all who disagree with his problems will at least commend Mr. Cantin for his bold attempt to prescribe a new diet for that suffering infant, American architecture.

In conclusion we would quote from Frank E. Wallis, who, in an excellent chapter on "The Architect and the Future," writes as follows:

"The big, dominating force in America today is its industrial feudalism, and its restraining force is the ideal of the individual. This is developed to a point unknown in the previous history of architecture. The opportunities given the average American to express himself in domestic architecture are unique. The condition is undoubtedly an outcome of the interesting partnership between the industrial overlord and his retainers. The overlord requires libraries, institutions of learning, banks and palaces, and we have them. On the other hand we have today a domestic architecture of the highest degree of excellence, a new expression which is not only comfortable and fit but beautiful and supremely convenient.

Science will continue to build more and more amazing temples for the overlord as long as the industrial ideal retains its power. And when the time comes for the third great revolution, or evolution, and that ideal is destroyed or modified, out of the conflict, saved by the ideal of the individual unit, will arise a new and vital power, perhaps approaching the ideal socialism of the thirteenth century without the attending horrors perhaps a world citizenship, and science will build temples to the new ideal, and a new style will be born."

Mr. Cantin is now in San Francisco, supervising the construction of numerous models of his different illustrations.—Seattle Daily Record, Nov. 24, 1913.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$15,000. Architect, L. Mastropasqua, 550 Washington street, S. F. Owner, M. Victoria Sattini. The building will be erected at the southeast corner of 23rd and Bryant streets and will cover an area of 50 by 52 feet. The first floor has been arranged for stores and upper two floors will contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and redwood. Some oak floors will be used. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base. Class C construction, \$15,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Burbank. The building will be erected on the north line of Sacramento street east of Taylor, having a frontage of 25 feet and a depth of 87½ feet. Plans show a total of six sites of two and three rooms. All apartments will have private bath rooms and wall beds. Interiors will be finished in pine, white enamel and elm panels. There will be steam heat, a vacuum cleaning system and hot water supply. Main entrance and vestibule will be finished in the Spanish Renaissance style. Exterior of the building will be faced with red pressed brick laid in white joints and trimmed with terra cotta. Plans are complete and figures will be taken at once.

VENICE, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, Arthur G. Lindley, 1106 Hollingsworth, L. A. Owner, C. L. Smart. The house will be erected on Billows avenue and has been designed for an apartment house containing 60 rooms which are to be arranged in two and three room suites. Interior finish will be of pine and redwood with some elm panels. All suites will have private baths and wall beds. There will be steam heat and a hot water system. Vacuum cleaning will probably be installed. Baths will be

finished in tile. Exterior of the building will be faced with cement plaster. Preliminary plans only have been prepared.

LOS ANGELES, CAL.—Apartment house, 14 story and base. Class A construction. Cost not stated. Architect, De Forrest Howry, Van Nuys Bldg., L. A. Owners represented by W. C. Montgomerie and Co., Black Bldg., L. A. A site on Figueroa street south of Washington has been secured and a building covering an area of 130 by 100 feet will be erected. It is intended to arrange the interior for 47 suites of which twelve will be duplex apartments containing from eight to ten rooms while the balance of the apartments will range from five to seven rooms. Construction will be of the Class A type with a complete steel frame, exterior walls of brick and concrete faced with pressed brick and terra cotta. Preliminary plans have been prepared. Further mention will be made of this work as the plans progress.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$13,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. Contractor, Charles Coburn, general construction. Contract price, \$11,500. Note—This contract does not include steam heat, finish hardware, wall beds, wall paper, shades, gas ranges or fire escapes.

CHURCHES.

FRESNO, FRESNO CO., CAL.—Church, 2 story and base, Class A construction, \$100,000. Architect, eastern firm whose name is not given. Owners, First Christian Church of Fresno. Rev. Brendon pastor, Rev. Shirley P. Shaw assistant pastor. Rev. Brendon has secured a set of plans from architects in the east who have built for him before. The congregation has secured a large site on one of the best located corners and will shortly start construction. The building will probably be faced with stone. Plans have not yet been received in Fresno and a detailed description of the building will be given later.

LOS ANGELES, CAL.—Church, 3 2-story and base Class C buildings, \$125,000. Architect, Joseph De Remer, Title Insurance Bldg., L. A. Owners, Wil-

shire Presbyterian Congregation. The group will consist of the main church, Sunday school building and manse. All of the structures will be Tudor Gothic in design. The church will be 80 by 115 feet, and the main auditorium with gallery will accommodate 700 people. Will have a high basement wall, will contain a large lecture room with apparatus room. The Sunday school building will be a two-story and basement structure 60 by 111 feet. The basement will contain a large dining room, kitchen, lavatories, boiler room, etc. The upper stories will contain the Sunday school auditorium with a gallery, class rooms and accessories. The manse will also be a two-story structure, but no other details have been definitely decided. Concrete foundation and basements, brick exterior walls with artificial stone trim, slate roof, reinforced concrete floors, composition finish floors, hollow tile interior partitions, oak trim, plumbing and electric wiring. Each building will have a separate heating and ventilating plant. The plans will be completed and the Sunday school building erected immediately. The completion of this building will be followed by the erection of the manse and main church edifice.

REDONDO, LOS ANGELES CO., CAL. —Church, 1 story and base, brick, Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Church of Redondo. The building will cover an area of 38 by 106 feet and will contain a main auditorium seating 350 people. Interior will be finished in pine throughout. Plans provide for a central heating system. A clay tile roof will be used. Exterior of the building will be faced with blue pressed brick. Plans are now being prepared.

FACTORIES & WAREHOUSES.

PORTLAND, ORE. — Warehouse, 3 story and base, reinforced concrete. Cost not stated. Architect, P. Chapelle Browne, Mohawk Bldg., Portland. Owner's name withheld for the present. The building will be erected at the corner of 15th and Hoyt streets covering a ground area of 100 feet square. Construction will be practically fireproof with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile or metal lat and plaster. Plans provide for an automatic sprinkler system, fire doors and metal window sash and frames. Spiral chutes will probably be installed. Exterior of the building will be faced with cement plaster. Two large elevators are to be specified. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL. —Bottling works alterations and additions, frame, \$3,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Rainier Bottling Works. This work will consist of repairs to the present buildings and the construction of new sheds. Exteriors will be covered with corrugated iron. Plans are being prepared and figures will be called for shortly.

Contracts Awarded.

PORTLAND, ORE. — Warehouse, 2 story and base, brick and steel, \$75,000. Architects, Emil Schacht & Sons, Commonwealth Bldg., Portland. Owners, D. P. Thompson Estate. Contractors,

The Boyajohn-Arnold Co., Panama Bldg., Portland. Contract price, \$75,000.

SEATTLE, WASH. — Warehouse and lofts, 7 story and base, reinforced concrete, \$125,000. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, A. Hambach Co. Contractors, Puget Sound Bridge and Dredging Co., Central Bldg., Seattle. Contract price, \$125,000.

FIRE HOUSES.

SAN FRANCISCO — Fire house, 2 story and base, brick and steel, \$30,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County, of San Francisco. Sixteen sets of bids were opened by the Board of Public Works on November 26th for the construction of Engine House No. 48. The lowest figure was submitted by Newsom, Wold and Kohn at \$29,555. A contract will probably be awarded to this firm. A complete list of the other figures received will be found in this issue under the heading of San Francisco.

RICHMOND, CONTRA COSTA CO., CAL. — Fire house, 1 story and base, brick, \$12,000. Architect Narbett, Richmond. Owners, City of Richmond. Bids opened for the construction of a new building to house Engine Company No. 2 show Paul Glazer low at \$12,365 with an alternate bid of \$11,870. A contract will probably be awarded to him at the next meeting of the Commissioners. A complete list of the other figures received will be found under the head of Marin, Contra Costa and Sonoma Counties in this issue.

FLATS.

SAN FRANCISCO — Flats, 3 4-story and base, brick and steel. Cost not stated. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The architects are preparing preliminary plans for three separate four-story brick buildings which are to be erected on the west side of Stockton street near California, covering a ground area of 78 by 137½ feet. Each of these structures will contain four large flats of nine rooms and two baths. Interiors will be handsomely finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for steam heat, hot and cold running water and vacuum cleaning. Bath rooms will have composition floors and tile wainscoting. Exterior treatment of the buildings has not been fully decided upon. Further mention will be made of this work shortly.

GOVERNMENT WORK AND SUPPLIES.

Reclamation Work.

The secretary of the interior has authorized the Reclamation Service to proceed at once to complete three important divisions of the Uncompahgre irrigation project in Colorado. Three units of the work are as follows:

1st. Excavation of the East Canal system from the headworks to the junction with the Loutsenizer canal, providing for the irrigation of 2,200 acres between the Slegg and Garnet canal systems; following this excava-

tion headworks and lateral system will be completed.

2d. Construction of headworks, enlargement of present Selig ditch, and construction of upper end of the Selig extension, a distance of 4 miles; construction of lower end of extension and of the Selig branch and the completion of the Peach Valley lateral.

3d. Construction of Buttermilk, Poverty Mesa, and Roubidoux laterals and extension of Spring Creek and East Coal Creek laterals.

The total expenditures approved for the completion of the three canal systems is \$711,650 and the completed works will provide for the future irrigation of 18,000 acres.

The Uncompahgre project includes along its notable engineering features the great Gunnison tunnel, 6 miles long, piercing the mountain barrier which separates the Gunnison River from the fertile Uncompahgre Valley.

Pearl Harbor, Steel Tank.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for one elevated steel tank and tower at the naval station, Pearl Harbor, H. T.:

Chicago Bridge & Iron Co., 1300 W. 105th street, Chicago, Ill., \$15,500.

The Rock Island Bridge & Iron Works, Rock Island, Ill., \$15,444.

The U. S. Steel Products Co., 30 Church street, New York City, \$10,683.

The Des Moines Bridge & Iron Co., Pittsburgh, Pa., if constructed in seven months, \$14,990; alternate A, \$12,285; alternate B, \$13,550; alternate C, \$12,690; if constructed in six months, \$15,290; alternate A, \$12,585; alternate B, \$13,850; alternate C, \$12,990.

The Memphis Steel Construction Co., Memphis, Tenn., \$16,965.

The Ritter-Coxley Mfg. Co., Leetsville, Pa., \$18,115.

Casper, Wyo., Post Office.

All bids received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Casper, Wyo., have been rejected.

Douglas, Wyo., Post Office.

All bids received by the supervising architect, Treasury Department, Washington, D. C., for the construction of the U. S. post office at Douglas, Wyo., have been rejected.

Management of Navy-Yard Plants.

There is every likelihood that the House naval committee will take up the question of the management of navy yards. That is a subject which has come directly to the notice of individual members, largely by virtue of their personal encounter with the problem in their visits to the navy yards of the Atlantic coast during the early summer. On those occasions they were profoundly impressed, according to their own statements, with the need of some consistent, simplified, economical process which would have the merit of uniformity of system. It need surprise no service observer if there should come out of the committee deliberations a method of naval management of the navy yards. At least, some of the prominent and influential members of the committee have expressed themselves in favor of

... a change. They have heard much of the merit of placing civilians in control of the navy-yard plants and found much to criticize in the prevailing methods, which were described to them, among others, by the committee of workmen at the Boston navy yard, where it was explained that the frequent changes necessary among naval officers resulted in much confusion and the increased cost of operation, notably in the overhead charges. It is realized by the members, who have thought anything on the subject, that it is not easy of solution, and the conservative element is prepared to proceed with caution. This will probably have the effect of preventing precipitate action, even in the way of recommendation, and may result in the organization of a board, which shall not include naval officers in its composition, but which shall be made up of representatives, senators, and civilian experts, to report to Congress at the beginning of the second regular session in December, 1914. That will give a short session for legislative action, and by that time the result of the congressional elections of that year will be known. It may be considered that the committee should possess information without any such delay, but as the situation appears now there are indications that the committee will seriously take up the question of navy-yard management with a determination to do something.

—HALLS & SOCIETY BLDGS—

PORTLAND, ORE.—Club house, 1 and 3 story and base, frame and brick, \$20,000. Architects, Robinson & Thomas, Chamber of Commerce Bldg., Portland. Owners, Laurelhurst Club. Plans for the entire structure will be prepared at this time, although the building will be erected in two units, the first will be about two-thirds of the structure planned. There will be a large ball-room 80x40 and a dining room will be built in the future. This is to be 40x40. Between those two rooms will be the club proper. This will be divided into a large reception room and cloak and billiard rooms. A steam heating plant and other modern conveniences will be installed. Exterior of the building will be faced with cement plaster. Working drawings are nearly complete.

BAKERSFIELD, KERN CO., CAL.—City hall alterations, brick and steel, \$27,000. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, City of Bakersfield. This work was mentioned here when plans were first out for figures. All bids received were above the amount available and were rejected. Plans have been revised to bring the work within the \$27,000 and new figures will be opened on December 5th. Plans can be secured from Architect Wiseman.

SAN FRANCISCO—Art museum, 1 and 2 story and base, Class A construction. Cost not stated. Architect, Lewis P. Hurlart, Crocker Bldg., S. F. Owners, California Academy of Sciences. Plans have been completed for the first section of the museum of the California Academy of Sciences and they were approved by the Park Commissioners. The building will be erected at the south side of the music concourse and fronting it, so that its facade will be almost directly opposite the Golden Gate Park Memorial Museum. For the present,

the westerly wing, with rear wings, will be built. Later the central building and the easterly wing will be added. A structure of classic design and one story high, its white limestone exterior will have a monumental character and a dignity fitting its environment. When both wings are built, with the central structure, its entire frontage will be about 400 feet long. The first building will accommodate the various departments of the academy and have a main exhibition hall 160 feet long and 60 feet wide and a smaller exhibition hall. Both halls will be used for exhibits of the museum of natural history. In one of the rear wings will be the departments of the academy on the first floor and offices and library on the second floor. The structure will be fire-proof, with tiled floors, and it will be lighted through skylights in the exhibition halls. As the plan is a comprehensive one designed for future enlargement, until the whole structure is complete, it provides for paved courts between the back wings, which may be covered with glass roofs. The central building is dominated by a grand dome and rotunda, upon which will open the exhibition halls. Spaces for cases and exhibits are twenty-five feet wide, so that very large crowds may pass through the building without congestion. Construction is to begin as soon as possible.

LOS ANGELES, CAL.—Public hall, 1 story and base, frame. Cost not stated. Architect, Otto Jannsen, Story Bldg., L. A. Owners, East Rose Hill Improvement Association. The building will be erected on East Rose Hill Drive and has been designed for a civic and social center. The structure will be erected on a hill side, the surrounding grounds being terraced. A main auditorium seating 200 people is provided besides smaller parlors and smoking rooms. Interior will be finished in pine with maple floors. A gas steam system of heating is specified. Exterior will be covered with rustic and roof with shingles. Plans are complete and the work will be done by Day Labor.

HOSPITALS

ELDRIDGE, SONOMA CO., CAL.—Nursery building, one story, concrete and frame. Cost not stated. Architect, George B. McDougal, Sacramento. Owners, State of California. Bids opened at Sacramento for the construction of this building show Boxton-Dillon Co., Hearst Bldg., S. F., low at \$17,440. No contract has been awarded. A complete list of the figures received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

NAPA, NAPA CO., CAL.—Laundry building, 2 story and base, concrete and frame, \$16,000. Architect, State Architect George B. McDougal, Sacramento. Owners, State of California. Bids opened at the Napa State Hospital show Robert Trost low at \$15,850. No contract has been awarded. A complete list of these figures appear under the heading of Marin, Contra Costa and Sonoma Counties.

SEDRO-WOOLLEY, WASH.—Kitchen and cold storage building, 1 story and base, reinforced concrete, \$25,000. Architects, Saunders and Lawton, Alaska Bldg., Seattle. Owners, Sedro-Woolley Insane Asylum. Plans have been completed for the construction of a large

kitchen building and cold storage plant for the State Insane Asylum and figures will probably be called for this week by the State Board of Control. Interior will be finished in pine, marble and tile. Gas ranges will be installed. Exterior of the building will be faced with cement plaster. Plans and full particulars can be secured from the architects.

Contracts Awarded.

LOS ANGELES, CAL.—County farm stable, superintendent's residence, kitchen and dining room, brick and frame, \$64,770. Architect, George Low, County Superintendent of Construction, L. A. Owners, Los Angeles County. Contractor, J. F. Atkinson, Story Bldg., general construction. Contract price not stated. J. Hokum, 4312 Moneta ave., L. A., plumbing, \$1,429.

HOTELS.

OAKLAND, CAL.—Hotel alterations, 5 story and base, Class C construction, \$50,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Abrahamson Bros. The building located at the southeast corner of 13th and Clay streets is to undergo extensive alterations. Interior will be completely rearranged and extensive exterior alterations will also be made. There will be new plumbing, plastering, steam heat, electric work, painting and elevator service. Patent store fronts, plate glass windows and marble bases will be used. Plans will also include a hot water supply and vacuum cleaning. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter. The building will be erected on North Main street and will have a frontage of 90 feet by a depth of 117 feet. Besides the hotel lobby plans provide for 15 stores on the first floor. Upper floors will contain a total of 150 guest rooms and 24 baths with 15 showers. Interior will be finished in pine throughout. There will be steam heat, elevator service, a vacuum cleaning system, hot water supply and other modern conveniences. Bath rooms will have composition floors and tile wainscot. Metal window sash and frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SOUTH PASADENA, LOS ANGELES CO., CAL.—Hotel and stores, 2 story and base, brick, \$40,000. Architect, Arthur B. Benton, 114 North Spring street, L. A. Owner, Mrs. Gertrude Opman. The building will be erected at the corner of Mission and Fair Oak avenue covering a ground area of 165 by 85 feet. There will be stores on the first floor. Upper floor will be arranged for the hotel office and a number of guest rooms and baths. Interior will be finished in pine and redwood. Bath rooms will have tile floors and wainscot. Plans provide for steam heat and a hot water supply. There will be patent store fronts. Exterior will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 3 story and base brick and steel. Cost not stated. Architects, Train and Williams, Exchange Bldg., L. A. Owner, F. W. Wachter. The building will have a street frontage of 75 feet and a depth of 15 feet. Four stores and the hotel lobby will occupy the first floor. Upper floors will be subdivided into 60 guest rooms and a number of public and private baths. There will be steam heat, elevator service and a hot water supply. Interior finish will be largely of pine with some elm panels. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

FRESNO, FRESNO CO., CAL.—Hotel, 2 story and base, brick, \$20,000. Architect, R. F. Slechin, Fresno. Owner, James Ryan. The building will be erected at the corner of Tulare and F streets covering an area of 75 by 90 feet. There will be three stores on the first floor besides the entrance to the hotel. Upper floor will be arranged for a total of 25 guest rooms and several baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

OAKLAND, CAL.—Hotel plastering, 7 story and base, Class A. Cost not stated. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. Contractor, J. C. McCloud, Oakland, plastering work. Contract price, \$9,107.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Storm water drain box. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of a storm water drain box to be constructed at the west end of the Race Track on the Exposition Grounds have been completed. Bids on this work will be opened by the Buildings and Grounds Committee on December 4th at 10 o'clock. Plans and specifications can be obtained from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—Exposition building, frame and concrete construction, \$50,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Architect Dickey has been commissioned to prepare plans for the building which is to be erected at the 1915 Exposition in this city. The design will be unique. Exterior will be covered with cement plaster. A Rector system of heating will be installed. Working drawings are being prepared and figures will be called for shortly.

SAN FRANCISCO—Main entrance tower, frame and steel construction. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the general construction of the main entrance tower on the Exposition Grounds have been completed and are now out for figures. Separate proposals will be allowed for

the sewer and water piping, electric wiring and elevator work. An official proposal appears in another column of this issue. Bids will be opened by the Buildings and Grounds Committee on December 11th.

POST OFFICES.

BRIGHAM CITY, UTAH—Post office, 1 story, base, and mezzanine floor. Fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and figures will be opened on January 2nd in Washington for the construction of the new Federal Building at Brigham City. The structure will be classic in design with exterior faced with cut stone. Interior partitions will be of hollow tile and metal lath and plaster. A composition and copper roof is specified. Plans can be secured from the Supervising Architect at Washington or from the Custodian of the site at Brigham City.

GRAND JUNCTION, COLO.—Post office, 1 story and base, fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened on January 6th in Washington, D. C. for the construction of this building. The structure will cover a ground area of approximately 5,700 square feet and is to be fireproof throughout. Exterior walls will be faced with pressed brick and stone. Roof will be of tile and composition. Interior finish will be of pine and hardwoods. Steam heat, equipment and lighting fixtures will be included in the contract. Plans can be secured from either the Supervising Architect at Washington, D. C. or from the Custodian of the site at Grand Junction, Colo.

RAILROAD CONST., STATIONS AND EQUIPMENT.

VANCOUVER, B. C.—Car barns, 1 and 2 story and base, reinforced concrete, \$300,000. Architect, Engineering Department British Columbia Electric Co., Vancouver. Owners, British Columbia Electric Co. The building will be erected at the corner of Main and Quebec streets covering an area of 132 by 310 feet. The Main street frontage will be one story high and the Quebec street frontage two stories. Construction will be fireproof throughout. A cement floor will be used on the first floor. Plans provide for steam heat and modern mechanical equipment. Exterior will be faced with cement plaster. Metal window sash and frames are specified. Plans are now being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, E. A. Schkade, 214 20th avenue, S. F. The dwelling, which has been designed for a six room house with bath, will be erected on the east line of 19th avenue 200 feet south of Anza street. Interior will be finished in pine throughout with oak floors in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room will have composi-

tion floors and tile wainscot. Tile wainscot will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architects, Rhodes and Marsh, 3372 16th street, S. F. Owner, M. J. Terranova. The dwelling will be erected on Paris street between persia and Russia and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or stone. Tile wainscot will be used in the bath room and kitchen. Composition floors are specified. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. Mr. Scoble is one of the city's best known residence builders and has erected many homes in both Sunset and Richmond Districts. This house will be erected on the north side of Lake street east of 20th avenue and has been designed for a seven room dwelling. Interior will be finished in pine with elm panels in the living and dining rooms. Oak floors will be specified for the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Composition floors and tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, H. C. Baumann, Chronicle Bldg., S. F. Owner, E. A. Janssen, Hearst Bldg., S. F. The dwelling has been designed for a six room house with bath and sleeping porch and will be erected on the east side of Mississippi street. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. A large open fire place with brick or tile mantel will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,500. Architects, Ward and Blohme, Alaska Commercial Bldg., S. F. Owner, Edg. Pattigan. The dwelling will be erected on the northeast corner of Hyde and Francisco streets and will contain in the neighborhood of eight rooms two baths and sleeping porch. Interior will be handsomely finished in pine with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have composition floors

and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence alterations, etc., frame construction, \$5,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Mrs. Katherine P. Hooker. Mrs. Hooker is now erecting a large city home on property near the site of this dwelling and will let contracts for moving the old building and remodeling it. The work will include new plastering, electric work, painting and plumbing. Exterior alterations will also be made. Plans are complete and figures are being taken by the Architects.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owner, Arthur M. Moore. The dwelling will be erected at the corner of Pacific and Hagar avenues and has been designed to contain eight rooms, baths and sleeping porch. Interior will be finished in pine with some elm panels and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Composition floors and tile wainscot will be used in the bath rooms. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Rousseau and Rousseau, Monadnock Bldg., S. F. Owner, Louise T. Greuner. The dwelling will be erected on the north side of Claremont avenue west of Forrest street on a lot covering an area of 40 by 125 feet. Interior has been arranged for eight rooms, baths and sleeping porch. Interior will be finished in pine with hardwood veneer in the dining room and living room. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Composition floors and tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

OAKLAND, CAL.—Bungalow, 1 1/2 story and base, frame, \$3,200. Architect, Leonard H. Ford, 2136 Central street, Berkeley. Owner, Mrs. L. Carson. The dwelling will be erected in 14th avenue Heights and has been designed to contain seven rooms, bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Composition floors are specified in the bath rooms. The wainscot will be used in the kitchen and bath room. An automatic water heater will be installed. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are being prepared.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$5,500. Architect, none. Owner, W. D. McKay, 1211 X street, Sacramento. The dwelling

will be erected in West Curtis Oaks and will contain six rooms and bath. All interior finish will be of pine. Some oak floors will be used. A large open fire place and tile mantel will be used in the living room. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster and rustic. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SAN MATEO, SAN MATEO CO., CAL.—Residence and garage, 2 story and base, frame, \$15,000. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, William C. Duncan. The dwelling has been designed for a country home with 10 to 12 rooms, baths and sleeping porch. The garage will also be a two story structure with accommodations for four machines and living quarter for the men above. Interior of the dwelling will be finished in pine and hardwoods. There will be a central heating system, open fire places, vacuum cleaning and a hot water supply. Mantels will be of tile and brick. Oak floors will be used in the principal rooms. Bath rooms will have tile floors and wainscot. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Bungalows, 4 1-story and base, frame, \$2,000 each. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scooble, 363 14th avenue, S. F. These houses will be erected on the west side of 44th avenue near Cabrillo and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Oak floors will be used in the living and dining rooms. There will be large open fire places with tile and brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, brick veneer and cobble stones. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,750. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling will be erected on the east side of 12th avenue south of Anza and has been designed to contain seven rooms and bath. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be a large open fire place and tile or brick mantel in the living room. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Louis Johnson, 223 Greenbank ave., Piedmont. The dwelling, designed for a seven room house will be erected on Greenbank avenue west of Grand. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Brick mantels will be used. There will be composition floors and tile wainscot in the bath rooms. A large sleeping

porch is also provided. There will be tile wainscot in the kitchen and an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owner, James R. Talisman. The dwelling has been designed to contain eight rooms, bath and sleeping porch and will be erected on Pacific and Hagar avenues. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heater, vacuum cleaning and tile wainscot will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owners, Sullivan & Leet, East 15th street, San Jose. The dwelling will be similar to several others recently erected by the same owners, and will contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Oak floors will be used in the dining room and living room. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO.—Foundation, masonry, etc., for residence tract, \$2,500. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Hammon, Jones & Williams, Stockton. Construction will be of concrete, Caen stone and ornamental iron. A number of ornamental electroliers will also be used. Plans are complete and figures are being taken.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect's name not given. Owner, James Brisco. Contractor, Fred L. Gribble, Fresno. Contract price, \$10,000.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$9,085. Architect, Edward T. Foulkes, Cracker Bldg., S. F. Owner, W. A. Sutherland. Contractor, D. A. Wilkins, Fresno. Contract price, \$9,085.

SCHOOLS.

EUREKA, HUMBOLDT CO., CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architect, William H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Architect William H. Weeks has completed working drawings for the new High School building, which is to be erected in Eureka, Humboldt County. The building will cover an area of 214 feet by 180 feet and is designed in the classic style. Construction will be of reinforced concrete except the upper story, which will be of the slow burning type. Exterior is to be faced with cement plaster in imitation of stone. Eight class rooms, a principal's office, the teachers' rooms,

the bookkeeping and typing department and the assembly hall take up the space of the first floor. All class rooms throughout the building are equipped with book-cases and teachers' closets. The assembly hall has a seating capacity of 700 students and will be used for a study hall. The floor is level, but the stage is raised and built on a slant. This room is one of the most artistic in the building. As additional equipment, along with several other rooms it has a complete motion picture outfit, including a fire-proof box for the moving picture machine. There are a total of five exits to the hall, three main and two fire exits being provided. The library opens off the assembly hall. The second floor is given over to five class rooms, two science rooms, the biological, chemical and physical laboratories, a girls' rest room and storage rooms. The drawing rooms are also located on this floor and have both side and ceiling lights, regulated by slides, which will permit of the adjustment of the lights and shadows as desired. The chemical laboratory is absolutely fire-proof.

STORES.

SAN FRANCISCO—Offices, 20 story and base, Class A construction \$1,000,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. This building has been fully described in these columns before when construction was first contemplated. Figures have been taken on the various parts of the work and contracts will be let within a few days.

Contracts Awarded.

BERKELEY, ALAMEDA CO., CAL.—Stores, 1 story and base, brick and steel, \$18,000. Architect, Clay N. Birrell, Albany Block, Oakland. Owners, Cohn Bros. Contractors, Morris & Muller, 1601 Telegraph avenue, Oakland. Contract price, \$18,000. Note—Subfigures are now being taken on all parts of the work.

SEATTLE, WASH.—Stores and lofts, 1 story and base, brick and steel, \$30,000. Architects, Behl & Merrill, Denny Bldg., Seattle. Owners, Walker Estate. Contractor, C. R. Allen, Central Bldg., Seattle. Contract price \$30,000.

THEATRES.

SEATTLE, WASH.—Theatre, 2 story and base, reinforced concrete \$150,000. Architect, Warren H. Miller, Arcade Bldg., Seattle. Owners, name withheld. The building will be erected at 1121 to 1118 Second avenue. The structure will be 60 by 150 in dimensions and will be elaborately finished with ornamental terra cotta and marble will have a seating capacity of 2,000 persons. Steam heating, ventilating of the most approved type, onyx marble, rubber tile flooring, art and plate glass, terra cotta, steel, etc., are specified. Contract will be awarded in the first part of the week.

SEATTLE, WASH.—Theatre stores and offices, 2 story and base, brick and concrete, \$75,000. Architect, H. Ryan, Northern Bank Bldg., Seattle. Owner, Alhambra Theatre. This building will be erected on the east side of First avenue north of Pike street, covering an area of 111 by 150 feet. Construction will be practically devoid of walls and floors of reinforced concrete. Interior partitions will be of metal lath and plaster. The rear portion of the structure, which will contain a large part of the auditorium, and the entire stage, will be designed in the shape of an open fan. Front of the building has been arranged for the main entrance and stores. Upper front portion will be subdivided into offices. There will be steam heat and a modern system of ventilation. Interior will be finished in pine, ornamental plaster and metal. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans will be completed early in December and construction will be carried out under the direction of W. L. Blaine, probably under the Day-Labor system.

SEALED PROPOSALS.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 3rd day of December, 1914, for

The re-dressing of approximately one hundred thousand (100,000) old basalt blocks, in the corporation yard of this Department.

These blocks are to be squared and dressed to a size not less than seven inches by five inches by three and one-half inches, and to the satisfaction of this Board.

The work is to be done in the corporation yard, and the awardee will furnish all the necessary labor, tools and equipment for the prosecution of the work.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, in the amount of two hundred dollars (\$200), and no proposal will be considered unless accompanied by such check.

Printed proposals forms will be furnished gratuitously upon application at Room 614, City Hall, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

Se. Sec'y.

F. J. CHURCHILL.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT. Supervising Architect's Office, Washington, D. C. November 25, 1913. Sealed proposals will be opened in this office at 3 p. m., January 6, 1914, for the construction complete (including mechanical equipment, interior lighting fixture and appliances) of the United States post office at Grand Junction, Colo. One story and base building; ground area 5700 square feet; fireproof construction; stone and brick facing; tile and composition roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., or at this office, in the discretion of the Supervising Architect. O. Wendt, Supervising Architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Thursday, December 11th, 1913, for Constructing the Main Entrance Tower, in accordance with the specifications on file in the office of the Director of Works.

Separate proposals will be allowed for the following: Plans and specifications, including wiring and elevators.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific Interna-

tional Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, the Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to the successful bidder submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Thursday, December 10th, 1913, for Constructing and installing a Storm Water Box Drain at Westerly End of Race Track and Drill Grounds in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, the Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSAL FOR BUILDING.

PITTSBURGH, ETC.—Treasury Department, Supervising Architect's Office, Washington, D. C. Sealed proposals will be opened in this office at 3 p. m., December 18, 1913, for the construction complete (including mechanical equipment, interior lighting fixtures, and appliances) of the United States post office at La Junta, Colo. The building is a two-story art case with a ground area of approximately 5,216 square feet, stone, stucco, and terra-cotta facing; tile roof; first floor only of fireproof construction. Plans and specifications may be obtained from the custodian of site at La Junta, Colo., or at this office, in the discretion of the Supervising Architect. WEN- DEROTH, supervising architect.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department. Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. January 2, 1914, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Brigham City, Utah. One-story and mezzanine building, fireproof construction, stone facing, copper and composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah, or at this office, in the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR EXCAVATING AND CONCRETE WORK.

STEEL, LUMBER, PIPE, CONCRETE, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States reclamation service, Great Falls, Mont., until 2 o'clock p. m. December 18, 1913, for the construction of structures of the Pishkun reservoir supply canal and Sun river slope canal, involving about 82,000 cubic yards of excavation, 14,000 cubic yards of concrete, the placing of about 664,000 pounds of reinforcing steel, the erection of about 40,000 pounds of structural steel, the placing in wooden structures of about 65,000 feet, B. M., of lumber, and the laying of about 24,000 linear feet of drain pipe. The work is situated on the north side of Sun river, from 25 to 75 miles west of Great Falls, Mont., and near the line of the Sun river branch of the Great Northern Railway. For particulars address the United States reclamation service, Washington, D. C.; Great

Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, acting director.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **twelve o'clock, noon, Monday, December 8, 1913, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and erection of a Gymnasium Building at the State Normal School, San Jose, California,** in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposal for Gymnasium Building, State Normal School, San Jose, California."

[Signed] W. F. McClure, State Engineer. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, E. A. Schkade, 240 20th avenue, S. F. The dwelling, which has been designed for a six room house with bath, will be erected on the east end of 19th avenue 200 feet south of Anza street. Interior will be finished in pine brought out with oak floors in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room will have composition floors and tile wainscot. The wainscot will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$1,000. San Francisco. Architects Rhodes & Marsh, 3712 16th street, S. F. Owner M. J. Terranova. The dwelling will be erected on Paris street between Persia and Russia streets and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or stone. The wainscot will be used in the bath room and kitchen. Composition floors are specified. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Archi-

tect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. Mr. Scoble is one of the city's best known residence builders and has erected many homes in both Sunset and Richmond Districts. This house will be erected on the north side of Lake street east of 20th avenue and has been designed for a seven room dwelling. Interior will be finished in pine with elm panels in the living and dining rooms. Oak floors will be specified for the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Composition floors and the wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, H. C. Baumann, Chronicle Bldg., S. F. Owner, E. A. Lunsen, Hearst Bldg., S. F. The dwelling has been designed for a six room house with bath and sleeping porch and will be erected on the east side of Mississippi street. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. A large open fire place with brick or tile mantel will be used in the living room. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$8,500. San Francisco. Architects, Ward and Blohme, Alaska Commercial Bldg., S. F. Owner, Haig Pattigian. The dwelling will be erected at the northeast corner of Hyde and Francisco streets and will contain in the neighborhood of eight rooms, two baths and sleeping porch. Interior will be handsomely finished in pine with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE ALTERATIONS, ETC.—Frame construction, \$5,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Mrs. Katherine P. Hooker. Mrs. Hooker is now erecting a large city home on property near the site of this dwelling and will let contracts for moving the old building and remodeling it. The work will include new plastering, electric work, painting and plumbing. Exterior alterations will also be made. Plans are complete and figures are being taken by the Architects.

STORM WATER DRAIN BOX—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of a storm water drain box to be constructed at the west end of the Race Track on the Exposition Grounds have been completed. Bids on this work will be opened by the Buildings and Grounds Committee on December 4th at 10 o'clock. Plans and specifications can be obtained from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

EXPOSITION BUILDING—Frame and concrete construction, \$50,000. San Francisco. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Architect Dickey has been commissioned to prepare plans for the building which is to be erected at the 1915 Exposition in this city. The design will be unique. Exterior will be covered with cement plaster. A Rector system of heating will be installed. Working drawings are being prepared and figures will be called for shortly.

MAIN ENTRANCE TOWER—Frame and steel construction. Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the general construction of the main entrance tower on the Exposition Grounds have been completed and are now out for figures. Separate proposals will be allowed for the sewer and water piping, electric wiring and elevator work. An official proposal appears in another column of this issue. Bids will be opened by the Buildings and Grounds Committee on December 11th.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$15,000. San Francisco. Architect, L. Mastropasqua, 350 Washington Street, S. F. Owner, M. Victoria Saitul. The building will be erected at the southeast corner of

23rd and Bryant streets and will cover an area of 50 by 52 feet. The first floor has been arranged for stores and upper two floors will contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and redwood. Some oak floors will be used. There will be steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, Class C construction, \$15,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Burbank. The building will be erected on the north line of Sacramento street east of Taylor, having a frontage of 25 feet and a depth of 87½ feet. Plans show a total of six suites of two and three rooms. All apartments will have private bath rooms and wall beds. Interiors will be finished in pine, white enamel and elm panels. There will be steam heat, a vacuum cleaning system and hot water supply. Main entrance and vestibule will be finished in the Spanish renaissance style. Exterior of the building will be faced with red pressed brick laid in white joints and trimmed with terra cotta. Plans are complete and figures will be taken at once.

FIRE HOUSE—2 story and base, brick and steel, \$30,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Sixteen sets of bids were opened by the Board of Public Works on November 26th for the construction of Engine House No. 48. The lowest figure was submitted by Newsom, Wold & Kahn at \$29,555. A contract will probably be awarded to this firm. A complete list of the other figures received will be found in this issue under the heading of San Francisco.

FLATS—3 4-story and base, brick and steel. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The architects are preparing preliminary plans for three separate four-story brick buildings which are to be erected on the west side of Stockton street near California, covering a ground area of 78 by 137½ feet. Each of these structures will contain four large flats of nine rooms and two baths. Interiors will be handsomely finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for steam heat, hot and cold running water and vacuum cleaning. Bath rooms will have composition floors and tile wainscoting. Exterior treatment of the buildings has not been fully decided upon. Further mention will be made of this work shortly.

POST OFFICE—1 story, base and mezzanine floor. Fireproof construction. Cost not stated. Brigham City, Utah. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and figures will be opened on January 2nd in Washington for the construction of the new Federal Building at Brigham City. The structure will be classic in design with exterior faced with cut stone. Interior

partitions will be of hollow tile and metal lath and plaster. A composition and copper roof is specified. Plans can be secured from the Supervising Architect at Washington or from the Custodian of the site at Brigham City.

POST OFFICE—1 story and base, fireproof construction. Cost not stated. Grand Junction, Colo. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened on January 6th in Washington, D. C. for the construction of this building. The structure will cover a ground area of approximately 5,700 square feet and is to be fireproof throughout. Exterior walls will be faced with pressed brick and stone. Roof will be of tile and composition. Interior finish will be of pine and hardwoods. Steam heat, equipment and lighting fixtures will be included in the contract. Plans can be secured from either the Supervising Architect at Washington, D. C. or from the Custodian of the site at Grand Junction, Colo.

OFFICES—20 story and base, Class A construction. \$1,000,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. This building has been fully described in these columns before when construction was first contemplated. Figures have been taken on the various parts of the work and contracts will be let within a few days.

ART MUSEUM—1 and 2 story and base, Class A construction. Cost not stated. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, California Academy of Sciences. Plans have been completed for the first section of the museum of the California Academy of Sciences and they were approved by the Park Commissioners. The building will be erected at the south side of the music concourse and fronting so that its facade will be almost opposite the Golden Gate Park Memorial Museum. For the present, the westerly wing, with rear wings, will be built. Later the central building and the easterly wing will be added. A structure of classic design and one story high, its white limestone exterior will have a monumental character and a dignity fitting its environment. When both wings are built, with the central structure, its entire frontage will be about 400 feet long. The first building will accommodate the various departments of the academy and have a main exhibition hall 160 feet long and sixty feet wide and a smaller exhibition hall. Both halls will be used for exhibits of the museum of natural history. In one of the rear wings will be the departments of the academy on the first floor and offices and library on the second floor. The structure will be fireproof with tiled floors, and it will be lighted through skylights in the exhibition halls. As the plan is a comprehensive one designed for future enlargement, until the whole structure is complete, it provides for paved courts between the back wings, which may be covered with glass roofs. The central building is dominated by a grand dome and rotunda, upon which will open the exhibition halls. Space for cases and exhibits are twenty-five feet wide, so that very large crowds may pass through the building without congestion. Construction is to begin as soon as possible.

BUGALOWS—4 1-story and base, frame, \$2,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scobie, 363 14th avenue, S. F. These houses will be erected on the west side of 41th avenue near Cabrillo and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Oak floors will be used in the living and dining rooms. There will be large open fire places with tile and brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, brick veneer and cobble stones. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,750. San Francisco. Architect, none. Owner, A. R. Lapham, 1855 McAllister street, S. F. The dwelling will be erected on the east side of 12th avenue south of Anza and has been designed to contain seven rooms and bath. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be a large open fire place and tile or brick mantel in the living room. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$13,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. Contractor, Charles Coburn, general construction. Contract price, \$11,500. Note—This contract does not include steam heat, finish hardware, wall beds, wall paper, shades, gas ranges or fire escapes.

City Bids Opened.

Newsom, Wold & Kahn Low for Engine House No. 48. Bids Also Opened for Cleaning Brick.

Sixteen sets of figures were opened by the Board of Public Works at their meeting held, November 26th, for the construction of Fire Engine House No. 48. Plans for the building were prepared by the City Department of Architecture. The lowest figure was received from Newsom, Wold & Kahn at \$29,555 and that firm will probably be awarded the work.

Figures were also received for cleaning brick for the City Hall. A complete list of all bids opened follows:

General Construction Fire House No. 48

Robert Trost	\$29,950
Nelson & Bauer	31,550
Connary-Peterson Co.	31,342
Heckenroth & Schell	30,895
N. H. Sjöberg	31,985
Monson Bros.	31,918
Graham & Jensen	31,843
C. C. Caldwell	29,892
J. W. Carr	31,825
R. Ringrose & Son	33,187
T. W. McClenahan	30,150
Newsom, Wold & Kahn	29,555
Pringle-Lunn & Co.	34,950
O. C. Holt	31,370
Carnahan & Mulford	35,966
McSheehy Bros.	31,292

Cleaning Brick for City Hall.

Figures for this work were taken as follows: Proposition A cleaning brick

taken from old site. Proposition B brick from outside sources.

R. C. Storrie & Co, Prop. A, \$1.45 per M; Prop. B, \$2.50 per M.

W. Heafy, Prop. A, \$1.14 per M; Prop. B, \$3.14 per M.

Enrico Viggio, Prop. A, \$1.24 per M; Prop. B, \$1.25 per M.

Flinn & Treacy, Prop. A, \$1.90 per M; Prop. B, \$4.00 per M.

Edward Mailey, Prop. A, \$1.50 per M; Prop. B, \$2.00 per M.

No contracts were awarded.

George Browne Post Dead.

World Famous Architect Passes Away Suddenly at His Home in New Jersey. Designer of Many Structures.

George Browne Post, regarded as one of the world's most famous architects, died suddenly last Friday at his home in Bernardsville, New Jersey, after an illness lasting less than twenty-four hours.

Among the buildings of which he was the architect are the New York Stock, Cotton and Produce exchanges, the College of the City of New York, the Pulitzer building, the equitable building (which was burned two years ago), the residences of Cornelius Vanderbilt and Collis P. Huntington in New York, and the Manufactures and Liberal Arts building at the Chicago world's fair.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
4292	Cerf	Clinton	25500
4293	San Christina	Meyberg	1115
4294	McTaggart	Mooney	3000
4295	Pollard	Pollard	1500
4296	Gunst	Federal	350
4297	Ponomon	Healing	1000
4298	Aufort	Aufort	1000
4299	Schkade	Schkade	2000
4300	Schoenfeld	Schoenfeld	400
4301	Roy Gee	Howe	350
4302	White House	Moise	400
4303	Armstrong	Klyce	400
4304	Scott	Bovyers	700
4305	Same	Same	600
4306	Phillips	Phillips	1000
4307	Pedone	Martini	450
4308	Wn States Adv.	Owner	400
4309	Meyersline	McGulgan	450
4310	Forbes	McGulgan	400
4311	Pry	New Era	1000
4312	Utaft	Utaft	1500
4313	Carlson	Hopwood	500
4314	Lechy	Mitrovitch	1000
4315	Evankoff	Evankoff	400
4316	Moise	Ploeger	500
4317	Uskoin	Uskoin	500
4318	Mick	Hamill	1000
4319	Lindberg	Lindberg	1950
4320	Voigt	Voigt	2500
4321	Burr	Fisher	8400
4322	Phelan	Pac Mfg	7750
4323	Lees	Giorgi	750
4324	Knickerbocker	Lowery	1800
4325	Lubbe	Anderson	6470
4326	Brack	Spence	15355
4327	Flood	Cal Art Metal	4481
4328	Same	Rudgear	13000
4329	1st Cong Ch.	Peterson	31000
4330	Blair	Walk	2250
4331	Dugan	New Era	2000
4332	Crocker	Harris	3000
4333	Zillmer	Zillmer	1800
4334	Anderson	Anderson	1800
4335	Willer	Willer	500
4336	Neapoulos	Chlentze	2000
4337	Davis	Davis	1000
4338	Buttman	Smith	600
4339	Umbens	Swenson	450
4340	Ilang Far Low	Owner	400
4341	Morse	Harris	1000
4342	Scoble	Scoble	2000
4343	Same	Same	2000
4344	Same	Same	2000
4345	Same	Same	2000
4346	Gulpp	Barcom	650
4347	Lapham	Lapham	2750
4348	Carruthers	Carruthers	8000

4349	Marshall	Collin	4327
4350	Same	Wallen	6120

(4292) N POST 137-6 W Jones. All work for two-story garage building. Owner.....Matilda Cerf. Architect.....Milton Lichtenstein, 111 Ellis, San Francisco. Contractor.....The Clinton Fireproofing Co., Mutual Bk Bldg., S. F. Filed Nov. 25, '13. Dated Nov. 20, '13. Foundation finished and all foundations poured\$2000 2nd and mezzanine floors poured 4000 Entire concrete frame poured..... 7000 Completed and accepted..... 6125 Usual 35 days..... 6375 TOTAL COST, \$25,500 Bond, \$12,750. Surety, Globe Indemnity Co. Limit, Feb. 14, 1914. Forfeit, none. Plans and specifications filed.

(4293) SW GOLDEN GATE AVE AND Taylor W 152-6 S 54-1½ m or 1 SE 46-5¾ m or 1 NE 154-5½ m 1-6¾ m or 1. Electric and gas fixtures (not including lamps) for store and office building. Owner.....San Christina Invst. Co., 1st National Bk Bldg., S. F. Architect.....Miller & Colmesnil, Lick Bldg., San Francisco. Contractor.....Leo J. Meyberg, Bankers' Investment Bldg., S. F. Filed Nov. 25, '13. Dated Nov. 21, '13. Fixtures installed complete..... 750 Usual 35 days..... 25% TOTAL COST, \$1115 Bond, \$700. Surety, Southwestern Surety Ins. Co. Limit, 42 days. Forfeit, none. Plans and specifications filed.

(4294) E TWENTY-FIRST AVE 100 S California S 25X E 120. All work for two-story and basement frame residence. Owner.....John and Annie McTaggart. Architect.....Edw. F. Helms, 1334 Church San Francisco. Contractor.....Ed Mooney, 29 Coso Ave., San Francisco. Filed Nov. 25, '13. Dated Nov. 25, '13. Frame up\$750 Brown coated 750 Completed and accepted..... 750 Usual 35 days..... 750 TOTAL COST, \$3000 Bond, \$1500. Surety, Fidelity & Deposit Co. of Maryland. Limit, 65 days. Forfeit, \$10. Plans and specifications filed.

(4295) E EUREKA 30 S 21st. Two-story and basement frame dwelling. Owner.....Amelia E. Pollard, 231 Eureka, San Francisco. Architect.....None. Contractor.....L. N. Pollard, 231 Eureka, San Francisco. COST, \$1500

(4296) NO. 100 MARKET. Electric sign. Owner.....M. A. Gunst & Co., Prem. Architect.....None. Contractor.....Federal Elec. Sign Co., 257 8th, San Francisco. COST, \$

(4297) NO. 3407 SACRAMENTO. Remove wooden partition and erect bath and plaster partition. Owner.....A. Ponomon, Premises. Architect.....None. Contractor.....Geo. Healing, 110 Jessie, San Francisco. COST, \$1000

(4298) NE KIRKWOOD 275 N Lane. One-story and basement frame dwlg. Owner.....M. V. Aufort, 1650 Kirkwood Ave S. F. Architect.....None. Day's work. COST, \$1000

(4299) E NINETEENTH AVE 200 S Anza. Two-story and basement frame dwelling. Owner.....E. A. Schkade, 240 20th Ave., San Francisco. Architect.....None. Day's work. COST, \$2000

(4300) S CLAY 197-6 W Mason. Install low pressure coal burning steam heater plant, erect patent flue and add boiler room to apartment house. Owner.....Adolph Schoenfeld, 912 Steiner, San Francisco. Architect.....None. Day's work. COST, \$400

(4301) NO. 2409 BUSH. Repairs in laundry. Owner.....Roy Gee, 702 Grant Ave., San Francisco. Architect.....None. Contractor.....C. Howe, 702 Grant Ave., San Francisco. COST, \$850

(4302) NOS. 148-152 POST. Electric sign. Owner.....The White House, Prem. Architect.....None. Contractor.....Moise-Klinkner, 1212 Market, San Francisco. Cost, \$400

(4303) NO. 77 ELLIS. Install and move fixtures. Owner.....R. F. Armstrong, Flood Bldg., San Francisco. Architect.....None. Contractor.....H. A. Klyce, Monadnock Bldg., San Francisco. COST, \$400

(4304) NO. 2364 PACIFIC. One-story concrete garage. Owner.....Mrs. I. W. Scott, Premises. Architect.....None. Contractor.....Bovyers & Sons, 2407 California, San Francisco. COST, \$700

(4305) NO. 2364 PACIFIC AVE. Add one room and bath and tar and gravel roof. Owner.....Mrs. I. W. Scott, Premises. Architect.....None. Contractor.....Bovyers & Sons, 2407 California, San Francisco. COST, \$600

(4306) E MOULTRIE 150 N Tompkins. One-story and basement frame dwlg. Owner.....Thos. Phillips, 193 Elsie, San Francisco. Architect.....None. Day's work. COST, \$1000

(4307) SE FRANCISCO & MASON. Raise and repair store. Owner.....E. Pedone, Premises. Architect.....None.

(4308) NO. 966 MARKET. Erect advertising sign. Owner.....Western States Adv. Co., 370 Valencia, S. F. Architect.....None. Day's work. COST, \$400

(4309) GEARY AND GRANT AVE.
Install side walk lights.
Owner.....A. Myerstone.
Architect...None.
Contractor..John McGuigan, 144 Stillman, San Francisco.
COST, \$450

(4310) SW MARKET AND ROSE AVE
Erect piles and install side walk lights.
Owner.....Forbes Estate, 303 California, San Francisco.
Architect...T. P. Ross, 303 California, San Francisco.
Contractor..John McGuigan, 144 Stillman, San Francisco.
COST, \$100

(4311) BUSH AND FOLK. Brick bake oven.
Owner.....R. D. Fry Jr., Fulton near 3rd Ave., S. F.
Architect...None.
Contractor..New Era Oven Co., 2560 Sutter, San Francisco.
COST, \$1000

(4312) E VIENNA 125 N Geneva. One story and basement frame dwlg.
Owner.....Niels Utaft, 27 Berlin, S. F.
Architect...None.
Day's work. COST, \$1500

(4313) NO. 4210 FOLSOM. Raise and general repairs to dwelling.
Owner.....C. A. Carlson, 4220 Folsom, San Francisco.
Architect...None.
Contractor..J. E. Hopwood, 324 Park, S. F.
COST, \$500

(4314) NO. 70 EDDY. Lower stage floor and construct moving picture operating booth.
Owner.....Doc Leahy, Premises.
Architect...A. W. Cornelius, 625 Market, San Francisco.
Contractor..J. R. Mitrovitch.
COST, \$1000

(4315) NO. 1949 TWENTY-THIRD.
Add two rooms, concrete foundation and repairs to dwelling.
Owner.....E. Evankoff, Premises.
Architect...None.
Day's work. COST, \$100

(4316) NO. 320 WALNUT. Alter front and terrazzo steps.
Owner.....L. Moise, Premises.
Architect...None.
Contractor..J. M. Ploeger, 3265 26th, San Francisco.
COST, \$500

(4317) S PRIM 350 W Rhine. One-story and basement frame dwlg.
Owner.....John Vskolin, 117 Shakespeare, San Francisco.
Architect...None.
Day's work. COST, \$500

(4318) NW CALIFORNIA & PRESIDIO Ave. Brick foundation and concrete floor.
Owner.....Mrs. Plent.
Architect...None.
Contractor..Thos. Hamill, 268 25th Ave. San Francisco.
COST, \$1000

(4319) N DUNCAN 107 E Noe. One and one-half-story and basement frame dwelling.

owner.....Lindberg Bros., 251 Surrey, San Francisco.
Architect...None.
Day's work. COST, \$1950

(4320) S MORSE 95 E Curtis B 25xS 100. All work for one-story frame bungalow.
Owner.....Wm. C. and Jennie Voigt, 1325 Brunswick, S. F.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor..O. E. Evans, 2367 Mission, San Francisco.

Filed Nov. 26, '13. Dated Nov. 8, '13.
Party of the 1st part to deed to contractor property at 1325 Brunswick, the equity being...\$1000
Owner is to mtge. property in contract and pay amount raised in 4 equal amounts as follows:
Frame up
Brown coated
Completed and accepted.....
Usual 35 days.....
Balance due in installments of not less than \$25 per month, interest at 7%.....
TOTAL COST, \$3800
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4321) S EUCLID AVE 95 W Jordan Ave W 50xS 100 Ptn Jordan Park Tct. Excavation, concrete, carpenter, plumbing, electrical work, painting, heating for two-story and basement frame residence.
Owner.....Chaney Burr.
Architect...David C. Coleman, Merchants' National Bank Bldg San Francisco.
Contractor..M. Fisher, 105 Montgomery San Francisco.

Filed Nov. 26, '13. Dated Nov. 6, '13.
Frame up\$2100
White coated 2100
Completed 2100
36 days after 2100
TOTAL COST, \$8400
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(4322) W FOURTH AND JESSIE NW 75xSW 75. Pine and hardwood mill work and inside finish, etc., hotel office counter and partition work at private office, etc., for eight-story and basement steel frame Class "C" building.
Owner.....Mary L. Phelan.
Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.
Contractor..Pacific Manufacturing Co., 177 Stevenson, S. F.

Filed Nov. 26, '13. Dated Nov. 12, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$7750
Bond, \$3875. Surety, United States Fidelity & Guaranty Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(4323) NE STOCKTON AND CALIFORNIA. Excavation, bulk heading and under footing for building.
Owner.....Leesmont Apartments by Trevis & Pasqualetti, 400 Bay, San Francisco.
Architect...None.
Contractor..G. Giorgi.
Filed Nov. 26, '13. Dated Nov. 8, '13.
When 2 piers are made.....\$200
Piers all completed..... 200
Usual 35 days..... 350
TOTAL COST, \$750

Bond \$375. Sureties, Jos. Cuneo and C. E. Valente. Limit, forfeit, plans and specifications, none.
NOTE—Owner is Margaret Lees.

(4324) LEAVENWORTH, bet. Ellis & O'Farrell. Certain tiling work for apartment house.
Owner.....C. A. Knickerbocker and H. R. Bostwick.
Architect...None.
Contractor..Lowry & Daly, 1553 Page, San Francisco.
Filed Nov. 26, '13. Dated Oct. 2, '13.
On 1st of month next succeeding thereafter 7
Usual 35 days 2500
TOTAL COST, \$1560
Bond, limit, forfeit, plans and specifications, none.

(4325) S McALLISTER 192-6 E Buchanan E 27-6xS 120. Alterations and additions to three-story frame building into apartments.
Owner.....Emil J. Lubbe, 1436 Fillmore, San Francisco.
Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Contractor..Pinn Anderson, 221 Dolores, San Francisco.

Filed Nov. 26, '13. Dated Nov. 18, '13.
Ready for lathing.....\$1617.50
Standing trim on 1617.50
Completed and accepted..... 1617.50
Usual 35 days..... 1617.50
TOTAL COST, \$6470.00
Bond, \$3635. Surety, Chicago Bonding & Surety Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(4326) E EIGHTEENTH AVE 175 N Lake E 120 N 50-9 1/2 SW 92-4 W 28-6 S 41-8. All work for two-story and basement frame residence and one-story garage.
Owner.....Jacob Brack, 2405 Larkin, San Francisco.
Architect...Edw. T. Foulkes, Crocker Bldg., S. F.
Contractor..A. T. Spence.
Filed Nov. 26, '13. Dated Nov. 22, '13.
Frame up 4
Brown coated 4
Completed and accepted..... 4
Usual 35 days..... 4
TOTAL COST, \$15.35

Bond, \$7678. Sureties, Wallace Morrison and G. T. Bernard. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(4327) N BROADWAY 68-9 W Webster W 148-9xN 275. Iron stairs, iron balconies, pipe railings, gratings, window grilles, bronze sills, bronze work for 25 windows for two-story Class "A" concrete, steel and brick residence.
Owner.....James L. Flood.
Architect...Bliss & Paville, Balboa Bldg., San Francisco.
Plumber..California Artistic Metal Wire Co., 365 7th, S. F.

Filed Nov. 28, '13. Dated Nov. 21, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4481
Bond, \$2250. Surety, National Surety Co. Limit, 60 days. Forfeit, \$75. Plans and specifications filed.

(4328) ONE BRONZE VESTIBULE entrance door and frame, 1 main entrance door and frame and 3 court entrance doors and frames on above.

Contractor..Rudgear-Merle Co., Bay & Stockton, San Francisco.

Filed Nov. 28, '13. Dated Nov. 25, '13.

Payments same as above.....
TOTAL COST, \$13,000
Bond, Guarantee bond in favor of owner Sureties, A. E. and A. Sbarboro. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.

(4329) SE POST AND MASON E 110xS 137-6. Concrete work for church.

Owner.....1st Congregational Church by Stockholm & Allyn, Monadnock Bldg., S. F.

Architect ...Reid Bros., Cal-Pacific Bldg San Francisco.

Contractor...H. L. Peterson (as The San Francisco Artificial Stone Paving Co.), 62 Post, S. F.

Filed Nov. 28, '13. Dated Nov. 26, '13.
On 12th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$31,000
Bond, none. Limit, as required. Forfeit, \$25. Plans and specifications filed

(4330) NW ELLIS AND MASON W 97-6 xN 60. Painting and tinting for alterations and additions to four-story Class "C" building.

Owner.....Jennie M. Blair.

Architect ...Wm. Mooser, Nevada Bank Bldg., San Francisco.

Contractor...Mayer Welk, 567 Fulton, Berkeley.

Filed Nov. 28, '13. Dated Nov. 22, '13.
On 1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2250
Bond, \$1125. Surety, Southwestern Surety Insurance Co. Limit, Jan. 1, 1914 Forfeit, \$50. Plans and specifications filed.

(4331) N WILDE AND GOETTINGEN NE 30 NW 100 Ptn Lots 13 and 14 Paul Tract Hd Ass'n. All work for one-story frame residence.

Owner.....Chas. & Margt. Dugan. Architect...None.

Contractor...New Era Bldg. Co., Inc., 3289 Mission, S. F.

Filed Nov. 28, '13. Dated Nov. 22, '13.
Rough frame up and roof sheathing on\$500
Enclosed and brown coated..... 500

Completed and accepted..... 500
TOTAL COST, \$2000

Bond, limit, forfeit, none. Plans and specifications filed.

(4332) BDED ON N BY POST, E B1 Powell and S by Geary. Boring and construction of a well 1000 feet deep for St. Francis Hotel.

Owner.....Crocker Hotel Company. Architect...None.

Contractor...Fred F. Harris.

Filed Nov. 28, '13. Dated Nov. 25, '13.

1st 200 feet completed.....\$400
2nd 200 feet completed..... 500
3rd 200 feet completed..... 600
4th 200 feet completed..... 700

Usual 35 days..... 800
TOTAL COST, \$3000

Bond, \$1500. Sureties, R. W. Laney and T. K. Chapman. Limit, 60 days. Forfeit, none. Plans and specifications, none.

(4333) N NEY 100 E Craut. One-story and basement frame dwelling.

Owner.....A. L. W. Zillmer, 3605 23rd, San Francisco.

Architect ...None.
Day's work. COST, \$1800

(4334) E SANCHEZ 425 S 30th. One and one-half-story and basement frame dwelling.

Owner.....Chas. Anderson, 3942 24th, San Francisco.

Architect...None.

Day's work. COST, \$1800

(4335) NO. 680 ELLIS. Add 6 closets and wall beds.

Owner.....L. E. Weller (Lessee), 680 Ellis, San Francisco.

Architect...None.

Day's work. COST, \$500

(4336) NO. 472 CASTRO. Rat proof floor and alter window.

Owner.....George Vearpoulos, Prem. Architect...None.

Contractor...D. Chlentze, 636 Harrison, San Francisco.

COST, \$400

(4337) NO. 936 MARKET. Repairs in store.

Owner.....Thomas Davis & Co., Prem. Architect...None.

Day's work. COST, \$1000

(4338) NO. 2449 MISSION. Rat proof, plaster and repair residence.

Owner.....Chas. Buttman, Premises. Architect...None.

Contractor...H. W. Smith.

COST, \$600

(4338) NO. 900 BRANNAN. Repair fire damage.

Owner.....G. H. Umbson, 20 Montgomery, San Francisco.

Architect...None.

Contractor...Peter Swenson, 230 Te-hama, San Francisco.

COST, \$450

(4340) NO. 725 GRANT AVE. Alter front.

Owner.....Hang Far Low, Premises. Architect...None.

Day's work. COST, \$400

(4341) E POLK 18 S Austin Ave. Repair and alter nickelodeon.

Owner.....Mrs. L. L. Morse, 48 Jackson, San Francisco.

Architect...Albert Pissis, 1281 Flood Bldg., San Francisco.

Contractor...M. V. Brady, Monadnock Bldg., San Francisco.

COST, \$1000

(4342) W FORTY-FOURTH AVE 130 N Cabrillo. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$2000

(4343) W FORTY-FOURTH AVE 198 N Cabrillo. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$2000

(4344) W FORTY-FOURTH AVE 164 N Cabrillo. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$2000

(4345) W FORTY-FOURTH AVE 232 N Cabrillo. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$2000

(4346) S LOMBARD 27 E Scott. One-story frame store.

Owner.....B. Guippo, 3312 Steiner, San Francisco.

Architect...None.

Contractor...J. Barncom, 3354 Steiner, San Francisco.

COST, \$650

(4347) E TWELFTH AVE 200 S Anza. Two-story and basement frame residence.

Owner.....A. R. Lapham, 1853 McAllister, San Francisco.

Architect...None.

Day's work. COST, \$2750

(4348) N CLIFF AVE E of Cliff House (known as Cliff House Stable). One-story and basement frame amusement park.

Owner.....Roy Carruthers, Cliff House

Architect...None

Day's work. COST, \$8000

(4349) S PACIFIC 75 W Hyde S 137-6 xW 62-6. Excavation, concrete, cement, brick, etc., for one-story Class "A" garage building.

Owner.....G. E. Marshall.

Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor...J. Collin, 1535 Hyde, S. F.

Filed Nov. 29, '13. Dated Nov. 21, '13.

Walls scaffold high.....\$11.25

Bricks to truss level..... 81.25

Brick work completed..... 81.25

Completed and accepted..... 81.25

Usual 35 days.....1082.00

TOTAL COST, \$4327.00

Bond, none. Limit, 50 days. Forfeit, \$10. Plans and specifications filed.

(4350) STRUCTURAL IRON, STEEL, tinning, galvanized iron, carpentry, joinery, hardware, electric wiring, glazing, plumbing, sewerage, air tank painting, graining, varnishing and white washing on above.

Contractor...A. M. Wallen, 110 Jessie, San Francisco.

Filed Nov. 29, '13. Dated Nov. 21, '13.

Window frames set and steel trusses delivered\$1147.50

Roofed & plumbing roughed. 1147.50

Electric wiring, rough carpentry finished 1147.50

Completed and accepted..... 1147.50

Usual 35 days..... 1530.00

TOTAL COST, \$6120.00

Bond, none. Limit, 50 days after notification. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Nov. 1, 1913—LOT 10 BLK 4 Crocker Amazon Tct. James and Catherine Flynn to O E Evans.....Oct. 29, 1913

Nov. 1, 1913—55 FEET 11 INCHES from Market, bet Drumm and Embarcadero. Albert Pissis to M V Brady.....Oct. 31, 1913

Nov. 1, 1913—SW BRODERICK & Hayes W 96-10½xS 25. Frederick

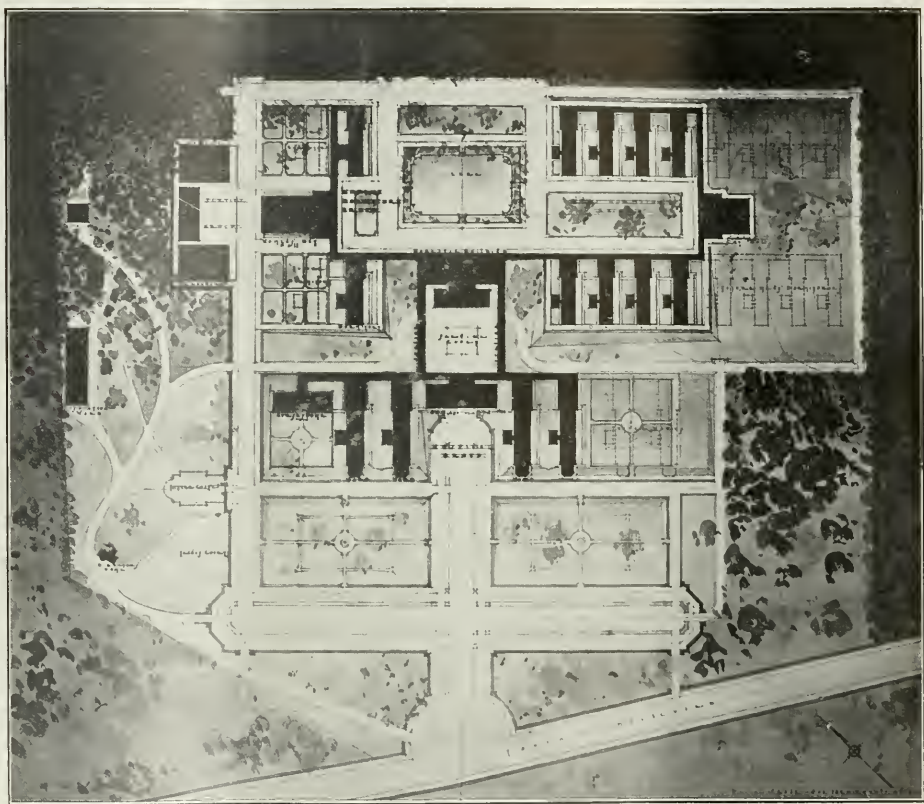


BIRD'S EYE PERSPECTIVE ACCEPTED DESIGN ALAMEDA COUNTY INFIRMARY
Near San Leandro, Cal.

Charles Peter Weeks, Architect
San Francisco

Building and Industrial News
December 3, 1913.

PLATE A



BLOCK PLAN ACCEPTED DESIGN ALAMEDA COUNTY INFIRMARY
Near San Leandro, Cal.

Charles Peter Weeks, Architect
San Francisco

Klopiotter to Mager Bros., Oct. 2, 1913
Nov. 1, 1913—N HAIGHT 159-6 W
Octavia W 40xN 120. G G Burnett
Co to Harry C Warwick.....
.....Completed.....
Nov. 1, 1913—E NINETEENTH AVE
125 N Anza N 25x E 120. Joseph C
Kirby to whom it may concern.....
.....Nov. 1, 1913
Nov. 1, 1913—SE PINE & LEAVEN-
worth E 37-6xS 57-6. Theo E Rulfs
to De Crouper & Hyrup., Nov. 1, 1913
Nov. 3, 1913—E HOLLIS, bet Ellis
and O'Farrell; Nos. 46, 48, 50 Hollis
J A Bergerot to Peter Hansen.....
.....Oct. 30, 1913
Nov. 3, 1913—N BROADWAY 114-13
E Lyon E 45xN 137-6. S L Naphaly
to Cavanaga & Vezina., Oct. 31, 1913
Nov. 3, 1913—S NINETEENTH 37-2 E
Eureka 25 on 19th x 85. Algot
Nelso to whom it may concern.....
.....Oct. 29, 1913
Nov. 3, 1913—E ROTTECK dist N 27
deg 45 min W 50 fm N bdry line of
Spring Valley Hld Tet N 27 deg 45
min W 25 N 54 deg 30 min E 59-5 S
62 deg E 27-7 S 54 deg 30 min W
75-4 Lot 41 Saloman's Map Rock
Ranch August Hormay to whom
it may concern.....Oct. 9, 1913
Nov. 3, 1913—S SUTTER 137-6 E
Larkin E 57-6 S 110-8 E 40 S 26-10
W 97-6 N 137-6. Winslow Anderson
to The California Elec Co and
M C Martine, Oct 15; John G
Sutton & Co.,.....Oct. 15, 1913
Nov. 3, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Inv
Co to Joost Bros.,.....Oct. 31, 1913
Nov. 3, 1913—E RICH 100 S Folsom
25x80. Peter J Smith to Segursion
Bros.,.....Nov. 3, 1913
Nov. 4, 1913—S CASSELY AVE 29-2
E Clover Lane 125x100; Lots 6 to 10
Clover Heights. The Anglo Ameri-
can Land Co to Taylor & Co.,.....
.....Oct. 30, 1913
Nov. 4, 1913—SW TWENTY-FIRST
and Harrison. Ford Motor Co to
American Elec Eng Co., Oct. 14, 1913
Nov. 4, 1913—SE HARRISON 195 SW
Third SE 50 SW 5 SE 50 NW 50 NW
50 SW 25 NW 50 NE 50. B Jose-
phine O'Neill to Sjogren Bros and
R Zelinsky.,.....Oct. 29, 1913
Nov. 4, 1913—SW TWENTY-FIRST &
Harrison. Ford Motor Co to Con-
don & Band.,.....Oct. 24, 1913
Nov. 5, 1913—S CLEMENT 50 W 20th
Ave W 25xS 100. Chas F Johnson
to George F Cleese.,.....Oct. 31, 1913
Nov. 5, 1913—SE SUTTER & JONES
S 100x E 72. Starr & Larsen to
Central Iron Works.,.....Oct. 30, 1913
Nov. 5, 1913—E SEVENTH AVE 200
S Judah S 25x E 120. W D Cham-
berlin to M C Rench.,.....Nov. 4, 1913
Nov. 5, 1913—NE WASHINGTON &
Octavia E 137-6xN 127-8 1/4. A B
Spreckels to Pacific Mfg Co.,.....
.....Oct. 30, 1913
Nov. 5, 1913—N PACIFIC 45 W Hyde.
Silvio Perras to L Cereghino &
Son.,.....Nov. 5, 1913
Nov. 5, 1913—E FIFTEENTH AVE 30
S Anza S 30x E 77. Leigh & Schultz
to whom it may concern., Nov. 5, 1913
Nov. 5, 1913—E FIFTEENTH AVE
150 N California E 127-6xN 50.
Marietta Dyar to Percy D Tyler.,
.....Nov. 5, 1913
Nov. 5, 1913—LOT 25 Sub W 1/2 O L
Blk 295. Leonard T Pockman and
Adolph Rosenshine to whom it may
concern.,.....Nov. 3, 1913
Nov. 5, 1913—NE POLK & AUSTIN
Ave N 60x E 62. The Wright Invest

Co to Flaherty & Ogle., Oct. 29, 1913
Nov. 5, 1913—W ELEVENTH AVE
175 N California N 25xW 120. Marie
Peyrouet to Arthur Elvin.....
.....Oct. 31, 1913
Nov. 7, 1913—S MADISON 50 NW
Felton NW 25 SW 95 SE 25 to beg
ptn Lot 4 Blk 146 Univ Extn Hld
Ass'n. Erick Evers to whom it
may concern.,.....Nov. 6, 1913
Nov. 7, 1913—S NINETEENTH 260 E
Dolores E 25xS 114. Domenico
Demattet to Norio Cavaglia.,.....
.....Nov. 1, 1913
Nov. 7, 1913—SE CALIFORNIA AND
Leidesdorff fronting N on Califor-
nia and at rear end 107-6 and ex-
tending on E and W 137-6. The
Insurance Exchange, Inc, to The
American Marble & Mosaic Co.
Nov. 5; Rudgear Merle Co, Nov. 5;
J H Keefe & Co.,.....Nov. 5, 1913
Nov. 7, 1913—NW EAST & HOWARD
W 137-6xN 45-10. Pope & Talbot
Land Co to Holm & Son., Nov. 3, 1913
Nov. 7, 1913—SE BATTERY AND
Halleck S 34-6x E 77-6. Isaac
Kohn to Western Iron Works.,.....
.....Nov. 4, 1913
Nov. 7, 1913—NW NAGLEE AND
Huron Ave 100x225. Cesare Ivani
to De Benedetti and G Cuneo.,.....
.....Nov. 6, 1913
Nov. 7, 1913—S UNION 99 E Grant
Ave E 24-10 — 68-9 W 24-10 N 68-9
C Arieta to Devencenzi Bros & Co
.....Nov. 7, 1913
Nov. 7, 1913—W LISBON 150 S Ex-
celsior Ave. Ward C Brown to
whom it may concern., Nov. 7, 1913
Nov. 6, 1913—E SAN BRUNO AVE 200
N 22nd Ave N 25x E 100. John
Harang to W A Savage., Nov. 6, 1913
Nov. 6, 1913—E MASON 137-6 N O'Far-
rell N 32-6 E 137-6 S 51-4 1/2 W 60
— 18-10 1/4. Wm F Wilson Estate
to Bradley & O'Reilly., Oct. 29, 1913
Nov. 6, 1913—NE WASHINGTON &
Octavia E 137-6xN 127-8 1/4. A B
Spreckels to W P Fuller & Co.,.....
.....Oct. 29, 1913
Nov. 6, 1913—E TAYLOR 114-7 N Sut-
ter No. 728 Taylor. H D Hogrefe
to whom it may concern., Nov. 6, 1913
Nov. 6, 1913—LOT 12 BLK 5 Crocker
Amazon Tract. Henry Brutt and
George Campbell to whom it may
concern.,.....Nov. 5, 1913
Nov. 6, 1913—LOT 11 BLK 5 Crocker
Amazon Aract. Henry Brutt and
George Campbell to whom it may
concern.,.....Nov. 5, 1913
Nov. 6, 1913—SE SIXTH AND MINNA
E 100 S 75 W 25 N 50 W 75 N 25.
Lange Invest Co to Amsler Sheet
Metal Works.,.....Nov. 1, 1913
Nov. 6, 1913—N JACKSON 97-6 E
Locust N 127-8 1/4x E 40. Kate and
Alexander D Keyes to Brockhage,
Foley & Green, Oct. 31; F Kiesel.,
.....Oct. 30, 1913
Nov. 6, 1913—W ROUSSEAU 75 S
Bosworth S 25xW 100 Ptn Blk 7.
De Boom Tract. E D Swift and
James F Heffernan to whom it may
concern.,.....Nov. 5, 1913
Nov. 8, 1913—SW TWENTY-FIRST
and Harrison. Ford Motor Co by
Clinton Fireproof Co to B F Wood-
all.,.....Oct. 29, 1913
Nov. 8, 1913—N CALIFORNIA 77-6
W Front 60-8 1/4xN 127-6. The Hind
Estate Co to Butcher & Hadley,
Nov. 4; H L Petersen.,.....Nov. 1, 1913
Nov. 8, 1913—S TWENTY-FOURTH
30 E Bryant — 35 S 80 W 35 N 80.
J A Rippe to Thos F Mitchell & Son
.....Oct. 27, 1913

Nov. 8, 1913—S TWENTY-FOURTH
65 E Bryant E 35xS 80. J A Rippe
to Jacob F Nielsen.,.....Nov. 1, 1913
Nov. 8, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. Louis Friedman
to Wilson Elec Co and Leopold and
C Mollich.,.....Nov. 6, 1913
Nov. 8, 1913—W JONES 43 N O'Far-
rell N 27-6 W 50 S 5-6 E 5 S 22 E
75. S A Haas to R Rogers, Lacey
Bros, J Steer and W L Bury.,.....
.....Nov. 4, 1913
Nov. 10, 1913—NW JACKSON AND
Drum N 60xW 60. Thos W Butcher
to Jno M and Antone Lettich (as
Lettich Bros),.....Nov. 8, 1913
Nov. 10, 1913—E TWENTY-THIRD
Ave 125 N California N 25x120.
Margaret and George Mountford to
whom it may concern., Oct. 30, 1913
Nov. 10, 1913—ON CALIFORNIA ST,
side of Blk bounded by California,
Sacramento, Jones and Taylor Sts.
Grace Cathedral Cpn to John G
Sutton Co.,.....Nov. 10, 1913
Nov. 10, 1913—E THIRTEENTH AVE
250 S Irving S 25x E 120. Florence
and Serena McCarthy to whom it
may concern.,.....Nov. 10, 1913
Nov. 10, 1913—SE TAYLOR AND
Geary E 37-6xS 137-6. Clift Est
Co by P J Walker, Agts to Francis
Dykes and Forsyth Wilkes, re-
ceivers Milliken Bros.,.....Nov. 7, 1913
Nov. 10, 1913—NW POST & MONT-
gomery. The First Federal Trust
Co to Stanquist & Forbes., Nov. 7, 1913
Nov. 10, 1913—SW SECOND 100 NW
Townsend NW 50xSW 160. Moore
Invest Co to Farrell & Reed., Nov. 8, 1913
Nov. 10, 1913—E TWENTY-NINTH
Ave 200 S Geary S 25x E 120. Adele
Thlas to James Tarbett and Fred
Knott.,.....Oct. 30, 1913
Nov. 10, 1913—S JACKSON 106 W
Polk W 35xS 127-8 1/4. Susan A
Welch to J D Bell.,.....Nov. 7, 1913
Nov. 11, 1913—NE McALLISTER AND
Devisadero N 25x E 100. Theodor
Dierks to M Cohen, Nov. 6; Henry
Ernst & Son, Nov. 6; W O Peterson
.....Nov. 6, 1913
Nov. 11, 1913—E THIRTEENTH AVE
125 N Kirkham N 25x E 120. John
Bjorkman and Oscar Swanson to
whom it may concern., Aug. 18, 1913
Nov. 11, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra In-
vestment Co to Butte Eng & Elec
Co.,.....Nov. 11, 1913
Nov. 11, 1913—NE McALLISTER AND
Devisadero N 25 — S 25 W 100.
Theodor Dierks to Hetty Bros.,.....
.....Nov. 6, 1913
Nov. 11, 1913—N BROADWAY 183-4
E Larkin E 91-8xN 137-6. Chas J
U Koelnig to wh. m it may concern
.....Nov. 11, 1913
Nov. 11, 1913—S BUSH 137-6 W Powell
S 137-6xW 46. W J O'Brien to
Robert Dewar & Son, Joseph Her-
ger, M Terranova & Co, Globe Elec
Works, Victor Eng Co, Otis Elev
Co, Gulfloy Cornice Works, Mar-
shall & Stearns & Co, P F Hend-
ricks and Pacific Structural Iron
Works.,.....Nov. 11, 1913
Nov. 11, 1913—CALIFORNIA STREET
side of Blk bded by Jones, Califor-
nia, Sacramento and Taylor.
Grace Cathedral Corporation to
Taylor & Goerick.,.....Nov. 1, 1913
Nov. 12, 1913—W FIFTEENTH AVE
225 S Anza S 25xW 137-6. Robert
R Sherman to Oscar W Thunberg.,
.....Nov. 2, 1913
Nov. 12, 1913—S JERSEY 114 E
Church S 114x E 25-6. E P and

Kaiser (Leaf & Kaiser)...Nov. 26, '13
Nov. 25, 1913—W SPEAR & HOWARD
NW 137-6xSW 68-9. Orville C Pratt
Jr to Barrett & Hilp...Nov. 21, 1913

Nov. 26, 1913—NE BUSH AND GRANT
Ave E 60xN 77-6. Louis Friedman
to Wm Van Herick...Nov. 25, 1913
Nov. 26, 1913—NW POST AND SCOTT

N 1-9 W 192-6 S 55 E 55 S 110 E
137-6. Mt. Zion Hospital to Butte
Eng & Elec Co, Nov. 20; M C Lynch,
Nov. 21; D Zelinsky...Nov. 18, 1913

Nov. 26, 1913—N ANZA 50-5 E 23rd
Ave E 27-1xN 100. Edward R For-
rester to George Parker...Nov. 25, 1913

Nov. 26, 1913—NW JACKSON AND
Drum N 60xW 60. Thos W
Butcher to A H Wilhelm...Nov. 26, 1913
Nov. 26, 1913—S CALIFORNIA 50 W

16th Ave W 26-8xS 96-1. Michael
Leo Kenney to C Anderson...Aug. 23, '13
Nov. 26, 1913—N NINETEENTH 105 E

Guerrero E 60-6xN 60. Dairy De-
livery to Pacific Coast Cork Insulat-
ing Co...Nov. 18, 1913
Nov. 26, 1913—S GREEN 143-4 W

Larkin W 32-5xS 121-6. Annie
Bowditch to Christiansen & Smith
...Nov. 26, 1913

Nov. 28, 1913—N UNION 51 E Kearny.
Giuseppe Anastasi to whom it may
concern...Nov. 28, 1913

Nov. 28, 1913—E LARKIN 35 S Pacific
S 32-6 — 68-9 N 32-6 W 68-9 Ptn
Blk 301. A or Anna Pommie to J B

Nov. 28, 1913—S OAK 112-6 W Gough
Reite and B R Halling...Nov. 16, 1913
W 25xS 120. Marie Regina Kast to
William H Daniel...Nov. 26, 1913

Nov. 28, 1913—W LEAVENWORTH 95
N Washington N 42-6xW 137-6.
Mary F Conniff to Stockholm &
Allyn...Nov. 25, 1913

Nov. 28, 1913—LOT 34 BLK "H" Mis-
sion Terrace. Josephine P and
Chas O L'Heureux to T Roy Murray

Nov. 28, 1913—E POWELL 37-6 N
Jackson N 40xE 57-6. J A Mac-
kenzie to Latin Constr Co...Nov. 28, '13

Nov. 29, 1913—N ANZA 82-6 E 7th
Ave 25x100. Daniel F and Lena
Serens to MacKillop & Rugsdale
...Nov. 24, 1913

Nov. 29, 1913—E TWENTY-FOURTH
Ave 75 S California 25 on 24th Ave
by 82. F Monson to whom it may
concern...Nov. 29, 1913

Nov. 29, 1913—N BUSH 137-6 E Du-
pont N 115 W 27-6 N 22-6 E 27-6 N
70 E 58-9 S 70 E 20 S 137-6 W 78-9.
MacDonough Est Co to J J Leonard,
Nov. 29; Butte Eng & Elec Co, Nov
26; J E O'Mara, Nov. 26; Ward &
Goodwin...Nov. 29, 1913

Nov. 29, 1913—S POST 137-6 W Ma-
son W 68-9xS 137-6. Florence A
Browne to whom it may concern...
Nov. 29, 1913

Nov. 29, 1913—SE TAYLOR AND
Geary E 87-6xS 137-6. Chft Est Co
to H L Peterson...Nov. 29, 1913

Nov. 29, 1913—S PERIA Ave 25 W
Madrid. Louis and Magdalen Thies-
sen to W H Chittenden...Nov. 21, 1913

Nov. 29, 1913—SE DEVIDADERO &
Eddy 107-6xS 30. C F Koln to S B
Kness, F Koch & Son and J Fell-
bach...Nov. 29, 1913

Nov. 29, 1913—NE HAMPSHIRE AND
17th E 200xN 133-4. The Lux
School of Industrial Training to
John G Sutton Co...Nov. 14, 1913

LIENS FILED

San Francisco.

Nov. 1, 1913—SE PINE & POWELL
E 68-6xS 60. John M Boscus and
Peter J Boscus (as Boscus Bros) vs
John H Bohlig and Geo H Stoffels
.....\$2417

Nov. 3, 1913—W SEVENTH Ave 175
N Irving N 100xW 120. W P Fuller
& Co vs E B Hallett.....\$552.20

Nov. 5, 1913—SW SANCHEZ AND
Elizabeth 25 on Sanchez and 101-9
on Elizabeth. J B Ayres vs Martha
Anderson and A W Burnett as (A
W Burnett & Co).....\$146.35

Nov. 5, 1913—E LARKIN 87-6 N
Broadway N 25xE 137-6. The Gas
Appliance Sales Co. of America vs
A D Van Dorn.....\$40

Nov. 6, 1913—NE CALIFORNIA AND
Van Ness Ave N 142-2 1/4 E 137-6 S
4-8 1/4 W 37-6 S 137-6. City Supply
Co cpn vs Chas Peterson and Geo
P Rupp as (Peterson, Rupp & Co),
H C Pendleton, W F Cordes, Brad-
bury Estate Invest Co and Royal
Invest Co.....\$228

Nov. 7, 1913—SW HYDE & BROAD-
way W 62-6xS 77-6. James J
Roche vs Margaret Slavin Keefe
and Mary Slavin.....\$150

Nov. 7, 1913—NW POST AND VAN
Ness Ave N 120xW 159. Taylor &
Co vs L. J. Irgen C- and The Hecht
Invest Co.....\$1155.50

Nov. 8, 1913—S EIGHTEENTH 110 E
Dolores E 28 S 112 W 8 S 45 W
20 N 157. American Paint & Dry
Color Co vs Theresa D Murphy,
Frank Ennis and John H McGivern,
Loretta Dwyer, E M Hofmann and
Sam Newman and M A Blair...\$28.06

Nov. 12, 1913—SE BAKER AND FIL-
bert S 25xE 100. Johann Dickmann
vs Jane L, Thos F, Jno A, Geo E,
Charlotte W, Margaret, John and
P J Gavin, Adm Est Jno H Dwyer,
dec'd.....\$24.50

Nov. 13, 1913—S CARL 155 E Willard
E 25xS 137-6. J M Enyeart vs
Alexander and Nellie Bond and Wm
Kingsbury.....\$80

Nov. 13, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. American Paint
& Dry Color Co vs Louis Friedman,
Wm Van Herick and M Mushkin
& Co.....\$39.87

Nov. 13, 1913—SE PINE & POWELL
E 68-6xS 60. Donald Mowat vs
J H Bohlig and Geo H Stoffels.....
\$4010.13

Nov. 14, 1913—W ELLMORE 40 S
Chestnut S 50xW 80. Woods &
Huddert, \$328.59; Dempsey Lumber
Co, \$161.48 vs California Steel
Monolithic Co, V D Virgilio & Co
(co-partnership) and John Hession

Nov. 14, 1913—SE PINE & POWELL
E 68-6xS 60. Petersen-James Co vs
John H Bohlig and George H
Stoffels.....\$250

(Correction, in date of filing.)
Nov. 13, 1913—S EIGHTEENTH 110 E
Dolores E 28 S 112 W 8 S 45 W
20 N 157. American Paint & Dry
Color Co vs Theresa D Murphy,
Frank Ennis and John H McGivern,
Sam Newman and M A Blair...\$28.06

Nov. 15, 1913—S "H" 57-6 (57.6) E
48th Ave E 50xS 100. Loop Lumber
Co vs T Roy Murray and Eliza
Baum.....\$258.86

Nov. 17, 1913—N TWENTY-EIGHTH
292 W Noe W 25xN 114. Geo Ryan
vs Chas and Marie Andersen...\$432.69

Nov. 15, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. O F Larsen,
\$812; Michael Kiernan, \$849.40;
Frank Coghlan, \$52.50 vs M Kiernan,
T J Crowley and U P Stollen-
berg.....

Nov. 17, 1913—N TWENTY-EIGHTH
267 W Noe W 25xN 114. George
Ryan vs Chas and Marie Andersen
.....\$297.85

Nov. 18, 1913—SE PINE & LEAVEN-
worth E 37-6xS 87-6. The Berger
Mfg Co of California vs L Heipner
and T E Hulfs.....\$590.45

Nov. 18, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. The Berger Mfg
Co of California vs Louis Friedman
and Wm Van Herick.....\$262.48

Nov. 19, 1913—S EIGHTEENTH 110 E
Dolores E 28 S 112 W 8 S 45 W
20 N 157. Hart Wood Lumber Co
vs Theresa D Murphy, Frank
Ennis, Jno H McGivern and T J
Cline.....\$49.50

Nov. 19, 1913—LOTS 31 AND 32 BLK 4
Castro Street Add'n. G Gambarini,
\$24; William Baldwin, \$175; F E
and M E Page (Page & Co), \$66.20
vs A S Crawford and W B White...

Nov. 20, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. United Materials
Co, \$33.35; Port Costa Brick Wks,
\$13x.50 vs Leopold Mollath & Con-
rad Mollath and Louis Friedman...

Nov. 20, 1913—SW POWELL AND
Broadway W 100xS 93-6. J H
Kruze vs Jacob Surface, C A Jef-
fers and T Loncono.....\$58.65

Nov. 21, 1913—W FORTY-THIRD Av
100 N Judah N 25xW 120. The
Greater City Lumber Co vs August
Forness or Gustave Forness...\$128.80

Nov. 22, 1913—LOTS 31 AND 32 BLK
4, Castro Street Add'n. Brittain &
Co vs W S Crawford and W B
White.....\$20.75

Nov. 25, 1913—W FIFTEENTH Ave
235-10 N Anza N 26-3xW 120. J M
Enyeart vs D C Robinson.....\$183.84

Nov. 26, 1913—E SAN BRUNO 250 N
19th N 25, No. 611 San Bruno Ave.;
E San Bruno 225 N 19th N 25, No.
615 San Bruno Ave.; E San Bruno
200 N 19th N 25, No. 619 San Bruno
Ave. A Rossi & Bro vs G Gavaglieri
.....\$375

Nov. 26, 1913—SW BROADWAY AND
Powell 93-6 on Powell by 100 on
Broadway. J Jossa, \$140; T Lon-
cono, \$23.235 vs Jacob Surface and
Chas Outman, Trustee Katie Grtm
and Kate Wetmore.....

Nov. 26, 1913—N PINE 182-6 W Jones
W 50xN 137-6. M B McGowan and
J J Butler vs R G Hanford.....\$246

Nov. 26, 1913—SW POWELL AND
Broadway 92-6 on Powell by 107.
C Mancini vs C A Jeffers and T
Loncono (as Jeffers & Loncono) and
Jacob Surface.....\$680

Nov. 26, 1913—SW BROADWAY AND
Powell S 93-6xW 100. C Marchi,
\$1500; N Capurro Hardware Co,
\$28.70; Nic Murlane, \$870; M B
Weiss, \$126.95; Lorenzo Luchetta,
\$280; Olson-Mahoney Co, \$3043.35; J
S Guerin, \$226.35; Holden-Deuprey
Co, \$1035 vs C A Jeffers and T Lon-
cono (as Jeffers & Loncono) and
Jacob Surface.....\$33.91

Nov. 26, 1913—S EIGHTEENTH 110 E
Dolores E 28-1xS 112 W 8 — S
45 N 157. Holden-Deuprey Co vs
Theresa D Murphy and Ennis &
McGivern.....\$33.91

Nov. 26, 1913—SW CALIFORNIA AND

Van Ness Ave S 60 — 134 — 60 —
134, Edward L Soule vs Northern
Constr. Co. \$668.51
Nov. 28, 1913—SW POWELL AND
Broadway S 93-6xW 100, Fibrestone
& Roofing Co vs Jacob Surface,
C F Jeffers and T Lconono at Latin
Constr. Co.) \$210
Nov. 28, 1913—E FORTY-SEVENTH
Ave 260 S Balboa — 100 E 120 N
100 W 120, Chas W Farrow vs E B
Hallett and J W Schouten & Co.,
..... \$112
Nov. 28, 1913—LOTS 31 AND 32 BLK
4 Castro Street Add'n, Usونا Mfg
Co vs A S Crawford, W B White
and J H McCallum..... \$180
Nov. 28, 1913—E TWENTY-FIFTH
Ave 250 S Lincoln Way S 25XE 120,
Wilson Bros & Co vs Cecil H and
Roberta Stone and Chas W Kitts.,
..... \$284.88
Nov. 28, 1913—SW BROADWAY AND
Powell S 93-6xW 100, American
Elec & Eng Co vs Jeffers & Lconono
and Jacob Surface..... \$429

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base,
frame, Cost not stated, Piedmont,
Alameda Co., Cal. Architect, W. J.
Wythe, Central Bank Bldg., Oakland.
Owner, Arthur M. Moore. The dwelling
will be erected at the corner of Pacific
and Hager avenues and has been de-
signed to contain eight rooms, baths
and sleeping porch. Interior will be
finished in pine with some elm panels
and hardwood veneer. Oak floors will
be used in the principal rooms. Plans
provide for furnace heat and open fire
places. Mantels will be of brick and
tile. Composition floors and tile wainscot
will be used in the bath rooms.
Tie will also be used in the kitchen.
An automatic water heater will be in-
stalled. Exterior of the dwelling will
be covered with cement plaster. Plans
are complete and figures are being
taken.

RESIDENCE — 2 story and base,
frame, Cost not stated, Oakland, Cal.
Architects, Rousseau & Rousseau, Mon-
adnock Bldg., S. F. Owner, Louise T.
Greuner. The dwelling will be erected
on the north side of Claremont avenue,
west of Forrest street on a lot covering
an area of 16 by 125 feet. Interior has
been arranged for eight rooms, baths
and sleeping porch. Interior will be
finished in pine with hardwood veneer
in the dining room and living room.
Oak floors will be used in the principal
rooms. Plans provide for furnace heat
and open fire places. Mantels will be
of tile. Composition floors and tile
wainscot will be used in the bath
rooms. An automatic water heater will
be installed. Exterior of the house will
be covered with cement plaster on
metal lath. Plans are complete and
figures will be filed for at once.

BUNGALOW — 1½ story and base
frame \$3,200, Oakland Cal. Archi-
tect, Leonard H. Ford, 2136 Central
street, Berkeley. Owner, Mrs. L. Car-
son. The dwelling will be erected in
the avenue Heights and has been de-
signed to contain seven rooms bath
and sleeping porch. All interior finish
will be of pine or redwood. Hard-
wood floors will be used in the living

room, dining room and reception hall.
There will be furnace heat and open
fire place. Mantel will be of brick.
Composition floors are specified in the
bath rooms. Tile wainscot will be used
in the kitchen and bath room. An auto-
matic water heater will also be in-
stalled. Exterior of the bungalow will
be covered with cement plaster on
metal lath. Plans are being prepared.

HOTEL ALTERATIONS—5 story and
base, Class C construction, \$50,000
Oakland, Cal. Architect, C. W. Dickey,
Central Bank Bldg., Oakland. Owners,
Abrahamson Bros. The building lo-
cated at the southeast corner of 13th
and Clay streets is to undergo extensive
alterations. Interior will be completely
rearranged and extensive exterior al-
terations will also be made. There will
be new plumbing, plastering, steam
heat, electric work, painting and ele-
vator service. Patent store fronts,
plate glass windows and marble base
will be used. Plans will also include a
hot water supply and vacuum cleaning.
Bath rooms will have tile floors and
wainscot. Exterior of the building will
be faced with cement plaster. Plans
are being prepared.

RESIDENCE — 2 story and base,
frame, \$3,000, Piedmont, Alameda Co.,
Cal. Architect, none. Owner, Louis
Johnson, 223 Greenbank ave., Piedmont.
The dwelling, designed for a seven room
house, will be erected on Greenbank
avenue west of Grand. Interior finish
will be largely of pine and redwood.
Hardwood floors will be used in the
principal rooms. Plans provide for fur-
nace heat and open fire places. Brick
mantels will be used. There will be
composition floors and tile wainscot
in the bath rooms. A large sleeping porch
is also provided. There will be tile
wainscot in the kitchen and an auto-
matic water heater. Exterior of the
dwelling will be covered with cement
plaster on metal lath. Plans are com-
plete and work will be done by Day
Labor.

RESIDENCE — 2 story and base,
frame, Cost not stated, Piedmont, Alameda
Co., Cal. Architect, W. J. Wythe,
Central Bank Bldg., Oakland. Owner,
James R. Talisman. The dwelling has
been designed to contain eight rooms,
bath and sleeping porch and will be
erected on Pacific and Hager avenues.
Interior will be finished in pine
throughout. Oak floors will be used in
the principal rooms. There will be fur-
nace heat and open fire places. Mantels
will be of brick and tile. Automatic
water heater, vacuum cleaning and tile
wainscot will be installed. Exterior of
the house will be covered with cement
plaster on metal lath. Plans are com-
plete and figures are being taken.

Contracts Awarded.

HOTEL PLASTERING—7 story and
base, Class A. Cost not stated. Oak-
land, Cal. Architect, F. D. Voorhees,
Central Bank Bldg., Oakland. Owner,
H A. Powell. Contractor, J. C. Mc-
Cloud, Oakland, plastering work. Con-
tract price, \$9,197.

STORES—1 story and base, brick and
steel, \$18,000, Berkeley, Alameda Co.,
Cal. Architect, Clay N. Burrell, Albany
Block, Oakland. Owners, Colin Bros.
Contractors, Morris & Muller, 1601 Tele-
graph avenue, Oakland. Contract price
\$18,000. Note—Subfigures are now be-
ing taken on all parts of the work.

Lofty Bell Tower Started.

**First Work On The Sather Campanile
Begins at U. of C. at Berkeley.**

With an acrobatic mechanic clinging
to its top, the first nine-ton steel
column for the new \$200,000 Sather
Campanile has been swung into place,
and the University of California's great
bell-tower has started its three-hun-
dred foot climb toward the sky. It
will be completed by 1915. Slender and
lofty, its gleaming walls all of white
granite and marble, the Sather Cam-
panile will be a splendid landmark,
visible from ocean vessels as they enter
the Golden Gate and from all the cities
clustering around San Francisco Bay.
It is a memorial to its donor, Mrs.
Jane K. Sather of Oakland, giver of
many rich endowments to the Univer-
sity of California. In the open belfry
will hang the Sather Bells, for which
Mrs. Sather gave a special gift of \$25,-
000. From these chimes the University
hymns, patriotic airs, or any other
melodies desired may be rung out. Of
noble grace, dignity, and beauty,
precious in material, in mass and
height comparable with such structures
as the Campanile of Venice, Giotto's
tower in Florence, and the Giraldia of
Seville, and itself keynote for the sur-
rounding landscape and architectural
glories of the Berkeley campus, as de-
veloping under the great Hearst Plan,
the Sather Campanile is destined to be-
come one of the world's most famous
towers.

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Amt.
3426	M E Zion Church	Forres	\$821
3428	Christensen	Peppin	1400
3429	Costa	Lima	450
3430	Alison	Mimmer	2400
3431	Baird	Baird	1500
3432	Young	Young	2000
3433	Hew Hing	Bishop	10000
3434	Sheridan	Sheridan	2000
3435	Whitford	Whitford	2500
3436	Hammerberg	Owner	2500
3439	Allen	Morrison	7500
3445	Gomes	Gomes	500
3446	Deike	Deike	1500
3449	Key Route	S F Bridge	—
3452	Bashford	Reed	3500
3453	Johnson	Johnson	3000
3454	Hsen	Major	1500
3455	Courtright	Owner	50
3456	Formichi	Morgan	1300
3457	Federal City	Newbery	4300
3458	Same	Raymond	1125
3459	Same	Clark	28040

(3426) — CAMBELL, bet 8th and 9th,
Oakland. Alteration.
Owner.....Cooper African M. E. Zion
Church, Premier

Architect...None.
Contractor...Forres & Rice, 628 Clay,
Oakland.

COST, \$3621.75

(3428) W 105TH AVE 200 S Royal
Ann, Oakland. One-story five-room
dwelling.

Owner.... C. Christensen.
Architect...None.
Contractor...J. B. Peppin Jr., San Le-
andro, COST, \$1400

(3429) W FIFTIETH AVE 300 N E-
14th, Oakland. One-story 2-room dwlg
Owner.....Mrs. M. Costa, Premises.
Architect...None.

BUILDING AND INDUSTRIAL NEWS

Contractor, M. Lima, 5132 Ygnacio Ave Oakland.

COST, \$450

(3130) W TELEGRAPH AVE 250 N Alcatraz Ave., Oakland. One-story flat building.

Owner, C. H. Alison.

Architect, None.

Contractor, J. W. Minnet, 438 50th. Oakland.

COST, \$2100

(3131) S HOPKINS 19 E 14th Ave., Oakland. One-story 3-room dwlg.

Owner, P. E. Baird, 2224 Chapel, Berkeley.

Architect, None.

Day's work.

COST, \$1500

(3132) E AYALA 100 S Forest, Oakland. One-story 6-room dwelling.

Owner, W. S. Young, 1533 63rd. Oakland.

Architect, None.

Day's work.

COST, \$2000

(3133) S EIGHTH 125 E Webster, Oakland. Two-story brick hotel and stores.

Owner, Hew Hing, 11th & Pine, Oakland.

Architect, None.

Contractor, F. W. Bishop, 174 Gloga Av Oakland.

COST, \$1000

(3134) W SIXTY-FOURTH AVE 100 N Virginia, Oakland. One-story 5-room dwelling.

Owner, K. M. Sheridan, 1020 Broadway, Oakland.

Architect, None.

Day's work.

COST, \$2000

(3135) SE FORTY-SECOND & WEBSTER, Oakland. Two-story 7-room dwelling.

Owner, Mrs. W. T. Whitford, 415 42nd, Oakland.

Architect, None.

Contractor, W. T. Whitford, 415 42nd, Oakland.

COST, \$2500

(3136) S E-THIRTY-EIGHTH 100 Randolph Ave., Oakland. One-story 6-room dwelling.

Owner, Albert Himmerberg, 2210 Adeline Berkeley.

Architect, None.

Day's work.

COST, \$2500

(3139) TWENTY-FOURTH & VALDEZ, Oakland. One-story concrete stable and garage.

Owner, O. E. Allen, 310 24th, Okd.

Architect, None.

Contractor, E. H. Morrison.

COST, \$7500

(3141) NO 2834 E-TENTH, Oakland. Two-room addition.

Owner, Feliciano Games, Premises

Architect, None.

Day's work.

COST, \$500

(3146) W EIGHTY-EIGHTH AVE 200 N E-14th, Oakland. One-story 5-room dwelling.

Owner, R E Deke, 1125 86th Ave., Oakland.

Architect, None.

Day's work.

COST, \$1500

(3145) PIER PHIL, Oakland Dredging and earth fill.

Owner, San Francisco Oakland Terminal Railways, Syndicate Bldg., Oakland.

Architect, None.

Contractor, S. F. Bridge Co., Nevada Bank Bldg., S. F.

Filed Nov. 28, '13. Dated Nov. 5, '13.

1st of each month..... 750
100 days after..... 250

TOTAL COST, \$4 1/2 per cu. yd

Bond, \$70,000. Surety, Globe Indemnity Co. Limit, 35,000 cubic yards every week. Forfeit, \$100 a day. Specifications only filed.

(3152) SCENIC AVE., Piedmont. Two-story residence.

Owner, Herbert Bashford, 1531 61st, Oakland.

Architect, None.

Contractor, G. G. Reed, 651 62nd, Okd.

COST, \$3500

(3153) S GREENBANK 400 W Grand, Piedmont. Two-story house.

Owner, Louis Johnson, 223 Greenbank Ave., Piedmont.

Architect, None.

Day's work.

COST, \$3000

(3154) E TWENTY-FIFTH AVE 275 S E-27th, Oakland. One-story 5-room dwelling.

Owner, F. Ilgen, 2632 25th Ave., Oakland.

Architect, None.

Contractor, C. Major, 2732 25th Ave., Oakland.

COST, \$1500

(3155) NO. 5659 SHAFER AVE., Oakland. Alterations.

Owner, Chas. M. Courtright, Prem.

Architect, None.

Day's work.

COST, \$500

(3156) NO. 1005 FORTY-FIFTH AVE., Oakland. One-story 6-room dwlg.

Owner, John Formichi, 1243 45th Ave., Oakland.

Architect, None.

Contractor, Wm. Morgan, 2915 Octavia, Oakland.

COST, \$1300

(3157) 1T 3327 S E TELEGRAPH AVE and W Broadway N 108.83 NW 38.86 S 104 SE 8.70, Oakland. Electric work for 12-story attic and basement Class "A" office building.

Owner, Federal Realty Co.

Architect, Benj. G. McDougall, Sheldon Bldg., San Francisco.

Contractor, Newbery-Bendheim Electric Co., Humboldt Bank Bldg., San Francisco.

Filed Nov. 29, '13. Dated Oct. 29, '13.

Once each month..... 750
Usual 35 days..... 250

TOTAL COST, \$1500

Bond \$2150. Surety, Southern Surety Insurance Co. Limit, 60 days.

Forfeit, \$125. Plans and specifications filed.

(3158) GRANITE WORK ON ABOVE.

Contractor, Raymond Granite Co., Potrero Ave., S. F.

Filed Nov. 29, '13. Dated Oct. 29, '13.

Payments same as above.....

TOTAL COST, \$1500

Bond, \$562.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days.

Forfeit, \$125. Plans and specifications filed.

(3159) TERRA COTTA WORK ON ABOVE.

Contractor, N. Clark & Sons, 116 N. Lomb., San Francisco.

Filed Nov. 29, '13. Dated Nov. 10, '13.

Payments same as above.....

TOTAL COST, \$28,040

Bond, \$14,020. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days.

Forfeit, \$125. Plans and specifications filed.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
3422	McClasland	Pfaff	1000
3423	Welsh	Williams	1000
3424	Allen	Allen	250
3425	Maybeck	White	3000
3427	Blanchard	Junk	600
3428	Anderegger	Owner	250
3438	Granger	Peake	500
3447	Morrison	Heydenuber	500
3448	Same	Same	500
3459	Wm Un Bldg	Nye	2800

(3422) S VIRGINIA 50 E Short, Berkeley. Fire repairs.

Owner, — McClasland.

Architect, None.

Contractor, F. Pfaff, 1625 Grant, Ely.

COST, \$1000

(3423) W HIGH COURT 600 N Oak, Berkeley. One-story 3-room dwlg.

Owner, Geo. D. Welsh.

Architect, None.

Contractor, L. H. Williams, Keith Ave near Euclid, Berkeley.

COST, \$1000

(3424) W COLUSA AVE 150 S Sonoma Ave., Berkeley. One-story 5-room dwelling.

Owner, H. P. Allen, 686 61st, Oakland.

Architect, None.

Day's work.

COST, \$2500

(3425) NE LA LOMA AVE & BUENA Vista, Berkeley. Addition.

Owner, B. R. Maybeck, Premises.

Architect, None.

Contractor, N. H. White, 1015 Arch, Berkeley.

COST, \$1800

(3427) N CEDAR 225 E Euclid, Berkeley. One and one-half-story six-room dwelling.

Owner, P. T. Blanchard, Berkeley.

Architect, None.

Contractor, Junk-Riddell Co., 2247 Telegraph Ave., Berkeley.

COST, \$3000

(3427) W CALIFORNIA 223 S Adeline, Berkeley. One-story 3-room dwelling.

Owner, Theo. Anderegger, 2126 California, Berkeley.

Architect, None.

Day's work.

COST, \$500

(3428) W COLUSA AVE 270 S Sonoma Ave., Berkeley. One-story 5-room dwlg.

Owner, James Granger

Architect, None.

Contractor, F. R. Peake Co., 2127 University Ave., Berkeley.

COST, \$2000

(3447) E SHATTUCK AVE 260 N Delaware, Berkeley. Alterations.

Owner, Mrs. A. P. Morrison and Forest & al Estate, 2022 California, San Francisco.

Architect, None.

Contractor, Arthur Heydenuber, Room, Marin County.

COST, \$500

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.
CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

(2448) E SHATTUCK AVE 200 N
Delaware, Berkeley. Alterations.
Owner.....Mrs. A. F. Morrison and
Forest et al Estate, 2922
California, San Francisco.
Architect...None.
Contractor...Arthur Heydenaber, Ross,
Marin County.
COST, \$500

(2450) S JOSEPH AVE 67 W Monterey
W 12x190, Berkeley. All work for
two-story 6-room dwelling.
Owner.....Western Union Home Bldrs
Inc., 1617 Telegraph Ave.,
Oakland.

Contractor...Frank C. Nye, 1617 Tele-
graph Ave., Oakland.
Filed Nov. 28, '13. Dated Aug. 20, '13.
Payments not given.....

TOTAL COST, \$2800

Penl, none. Limit, 120 days after Aug.
13. Forfeit, none. Plans and specifica-
tions filed.

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Am't.
3419	Comp Co	Barz	800
3421	Strang	Strang	1800
3422	Hackett	Hackett	1500
3423	Seaman	Seaman	2000
3424	Fox	Smith	450
3425	Potts	Potts	400

(3410) NO. 2133 SANTA CLARA AVE.
Alameda. Alter dwelling.
Owner.....B. V. Couchat, Premises.
Architect...None.
Contractor...Barz & Roeder, 1268 Re-
sent Alameda
COST \$-

(3441) S BUENA VISTA 72 W Hibbard
Alameda. One-story dwelling.
Owner.....V. N. Strang, 1319 Bur-
bank, Alameda.
Architect...None.
Day's work. COST, \$1800

(3442) NO. 1876 GRAND, Alameda.
Two-story 10-room dwelling.
Owner.....S. R. Hackett, 1828 Grand.
Alameda.
Architect...None.
Day's work. COST, \$1500

(3443) NO. 3252 FAIRVIEW AVE.
Alameda. One-story 6-room dwlg.
Owner.....Frank Seaman, 3200 Fern-
side Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(3444) NO. 1729 STANTON, Alameda.
Alterations.
Owner.....W. F. Fox, 1629 16th, Okd.
Architect...None.
Contractor...C. M. Smith, 35th & Porter,
Alameda.
COST, \$150

(3451) NO. 1911 BUENA VISTA AVE.,
Alameda. Alter dwelling.
Owner.....E. J. Potts, Premises.
Architect...None.
Day's work. COST, \$100

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Nov. 3, 1913—LOT 2 BLK 2 Map San
Pablo Tract, Oakland Tp. David
Craig to C L Decker Co., Oct. 4, 1913
Nov. 3, 1913—SE FOURTEENTH AVE

119-16 SW Hopkins SW 60.05 SE
66.54 NE 38.05 NW 31.03, Okd. P
E Baird to Lundberg & Court-
right.....Oct. 28, 1913
Nov. 3, 1913—SE FOURTEENTH AVE
63.40 SW Hopkins SW 56.06 SE
31.03 E 41.31 NW 50, Okd. P E Baird
to Lundberg & Courtright, Oct. 28, '13
Nov. 3, 1913—LOT 95 Oak Park Tract,
Okd. A E Berg to Winge & Holm-
grenOct. 31, 1913
Nov. 3, 1913—LOT 3 Map Claremont
Extension, Okd. B F Butler to
whom it may concern.....Sept. 11, 1913
Nov. 3, 1913—PLOT 12 and part Plot
10 Boardman's Map Rancho Arroyo
de la Alameda, Washington Tp.
Board of Trustees Maronic Homes
of California to Robert Dalziel Jr
.....Oct. 23, 1913
Nov. 4, 1913—LOT 155 4th Ave Terrace
Ext, Okd. Fred C Joeritz to B A
Stewart.....Nov. 3, 1913
Nov. 4, 1913—S-LDVN 1 IN LOT 28
Map No. 3 Glen Echo Tract, Pied-
mont to Gertrude Huddleson to
whom it may concern.....Nov. 3, 1913
Nov. 4, 1913—LOT 6 BLK "G" Map
4th Ave Terrace, Okd. Harry C
Morrison to Roger Colt.....Nov. 1, 1913
Nov. 5, 1913—LOT 25 BLK "K" Map
4th Ave Terrace, Okd. Herbert
Canning to whom it may concern
.....Nov. 4, 1913
Nov. 5, 1913—NW COR. 5 ACRE TCT
known as Wellman Place SW 513-9
NW 292-7 NE 459-5 SE 287-8, Okd.
Little Sisters of the Poor of Oak-
land to The Turner Co., Oct. 31, 1913
Nov. 5, 1913—LOT 338 Map Stone
Orchard, Stonehurst, Okd. Grace
A Ridley to John Perona.....Oct. 28, '13
Nov. 5, 1913—LOT 3 BLK "C" Map
Mastick Park, Ala. Evelyn M Her-
to whom it may concern.....Nov. 4, 1913
Nov. 6, 1913—N 30 LOT 15 and S 10
Lot 14 Blk "E" Map Waterside
Terrace, Ala. Mark T Cole to whom
it may concern.....Nov. 5, 1913
Nov. 6, 1913—N 31.5 LOT 13 and S 10
Lot 12 Blk "E" Map Waterside
Terrace, Ala. Mark T Cole to whom
it may concern.....Nov. 5, 1913
Nov. 7, 1913—LOT 28 BLK "F" 4th
Terrace, Okd. E W Woodward to
whom it may concern.....Nov. 6, 1913
Nov. 7, 1913—LOT 23 BLK 6 4th Ave
Heights, Okd. E O Pendleton to
O M Bullock.....Nov. 7, 1913
Nov. 8, 1913—LOTS 28 AND 29 BLK 1
Hopkins Terrace No. 4, Bkly. Emil
Grebs to Henry Abnefeld, Oct. 30, 1913
Nov. 10, 1913—LOT 47, Fourth Ave,
Terrace Ext, Okd. Mrs Grace E
Naunton to Harris & Hudson.....
.....Nov. 8, 1913
Nov. 10, 1913—PTN LOTS 19 AND 20
Blk 4 Map Oakridge Claremont,
Bkly. Gertrude D White to Jacob
House.....Nov. 1, 1913
Nov. 10, 1913—LOT 64 Jeanette Von
Ah Tract, Okd. W C Brown to
whom it may concern.....Nov. 6, 1913
Nov. 11, 1913—NE CASTRO 120 SE
"B" SE 14xNE 110, Hayward. Peter
M Verzie to whom it may concern
.....Nov. 10, 1913
Nov. 11, 1913—W GRANT 100 S Blake
S 30xW 100, Bkly. Gertrude Geary
(W I J).....\$5000
Nov. 11, 1913—NW COUNTY ROAD
2659 and Central Cypress Ave NE
273 63 NW 142.17 SW 235 SE 307.99,
Eden Tp. Antonio J Gomes.....\$3000
Nov. 12, 1913—LOTS 10 AND 11 BLK
"A" Broadway Terrace, Okd. Mary
A Bowles to R H Van Sant.....
.....Nov. 8, 1913

Nov. 13, 1913—W FORTY-FOURTH 140 E West E 50xN 100, Okd. Thos F O'Neill to Gallagher & Motts Nov. 11, 1913

Nov. 13, 1913—LOT 15 BLK II Grand Ave Heights, Okd. Susie Nwde and Chas W Noble to R H Van Sant Nov. 8, 1913

Nov. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 th 187 to N line 26th and beg, Okd. 1st Presbyterian Church of Oakland to Jos Musto Sons-Keenan Co. Nov. 10, 1913

Nov. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 th 187 to N line 26th and beg, Okd. 1st Presbyterian Church of Oakland to Atlas Stone Co. Nov. 12, 1913

Nov. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 W 187, Okd. 1st Presbyterian Church of Oakland to John G Sutton Co. Nov. 10, 1913

Nov. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 187, Okd. 1st Presbyterian Church of Oakland to General Eng Co. Nov. 10, 1913

Nov. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 to W in Webster W 187, Okd. 1st Presbyterian Church of Oakland to San Francisco Cornice Co. Nov. 10, 1913

Nov. 13, 1913—LOT 15 BLK 5 AND Lots 21 and 19 Blk 4 and Lots 14 and 15 Blk 21 Map Northbrae, Bkly. Interurban Home Bldrs to whom it may concern. Nov. 6, 1913

Nov. 13, 1913—S WESLEY AVE 164.65 W Newton Ave W 35 SE 97.60 NE 25.33 NW 105.02, Okd. A L Calvert to whom it may concern. Nov. 12, 1913

Nov. 13, 1913—S WESLEY AVE 130.65 W Newton Ave W 34 SE 105.02 NE 25.32 NW 113.18, Okd. A L Calvert to whom it may concern. Nov. 12, 1913

Nov. 13, 1913—LOT 11 Robinson Trct, Ala. J B Randall to whom it may concern. Nov. 13, 1913

Nov. 13, 1913—LOT 57 Map Fourth Ave Terrace Ext, Okd. Joe T Collins to whom it may concern. Nov. 8, 1913

Nov. 13, 1913—W GREENWOOD AVE Lot 8 Bk "B" Map Four Ave Terrace, Okd. Gertrude S Brown to Oakland Bldg & Invest Co. Nov. 7, 1913

Nov. 15, 1913—LOT 2 BLK "B" Northbrae Business Ppty, Bkly. F R Peake Co to whom it may concern. Nov. 14, 1913

Nov. 15, 1913—SW TWENTY-FIFTH and Telegraph Ave S 50xW 100, Okd. Wilhelmina Street to Christiansen & Smith. Nov. 14, 1913

Nov. 15, 1913—BDED BY 12TH 17TH, Harrison and Alice, Okd. P J Walker, Agent Oakland Hotel Co., to National Lathing & Furring Co. Nov. 14, 1913

Nov. 17, 1913—N 32 LOT 13 AND 8 10 Lot 14 Map Rosemead Tract, Bkly. Elizabeth Gillean to E A Thompson Oct. 31, 1913

Nov. 17, 1913—LOT 7 BLK 5 Me Rose Heights, Okd. Gordon I Wiser to whom it may concern. Nov. 15, 1913

Nov. 17, 1913—NW WASHINGTON & 15th N 69.55 W 59.34 S 29.92 E 44.98, Okd. Charles L Hoffman and Chas J Heesement to Wm J Peterson Nov. 14, 1913

Nov. 17, 1913—LOT 20 BLK 119 Map Tract "B" of Berkeley L T I Ass'n,

Bkly. S Rasmussen to John Larsen Nov. 13, 1913

Nov. 17, 1913—E TELEGRAPH AVE and Broadway N 108.53 NW 36.86 S 87.0, Okd. A J Snyder and J T Carlston (Federal Realty Co) to Lindgren Co. Completed

Nov. 17, 1913—LOT 17 Colby Park; No. 423 61st, Okd. P A Anderson (A P Anderson) to whom it may concern. Nov. 15, 1913

Nov. 17, 1913—WAVERLEY NO. 2321, Okd. Charles Duncan Rollar to Harry C Knight. Oct. 22, 1913

Nov. 17, 1913—WEST MERLE COURT and Alice Ave, Dutton Manor Add'n San Leandro. I A Merle to Fisher & Roberts. Nov. 10, 1913

Nov. 18, 1913—NW RAND AVE AND Cottage, Okd. Chas E Quigley to whom it may concern. Nov. 18, 1913

Nov. 19, 1913—W 15 LOT 25 AND E 20 Lot 26 Blk 2098 Map Alden Trct, Temescal, Okd. Charles A Ruckman to C F Lodge. Nov. 19, 1913

Nov. 19, 1913—E WEST 50 N 31th SE 116xNE 45, Okd. F W Diehl to M E Hopper. Nov. 17, 1913

Nov. 19, 1913—W TELEGRAPH AVE 60 N 55th N 50xW 100, Okd. Laura B and Gladys E Graham to A Klahn & Son. Nov. 16, 1913

Nov. 21, 1913—LOT 19 BLK 14 Northbrae Tract, Bkly. Josephine E Brower to H H Schuessler. Nov. 20, 1913

Nov. 22, 1913—LOT 11 BLK 7, Breed & Bancroft's Map of Broadmoor, Oakland Tp. Mrs D Nunan to E R Baker. Nov. 18, 1913

Nov. 25, 1913—LOT 4 BLK 6 Claremont, Bkly. Ethel K McCorkle to D H McCorkle. Nov. 21, 1913

Nov. 25, 1913—E THIRTY-THIRD AVE 526.21 S Foothill Blvd S 49x E 135, Okd. M W Hennessey to whom it may concern. Nov. 25, 1913

Nov. 25, 1913—PTN LOTS 2 AND 3 Bkly 77-A Map showing Subdiv of ppty E H Woolsey near Boulevard, Okd. Leonore G Simonsen to E W Woodard. Nov. 2, 1913

Nov. 25, 1913—S BUENA VISTA AVE 170 E Concordia E 31xS 147.15, Ala. Mark T Cole to whom it may concern. Nov. 24, 1913

Nov. 26, 1913—NW NINTH AVE AND E 14th 50x100, Okd. J B Cabana to Ruegg Bros. Nov. 26, 1913

Nov. 26, 1913—SW LINDA AVE ptn Lots 19, 20 & 21 Blk "C" Amended Map Fairview Tract, Okd. Western Union Home Bldrs to J S Connell. Nov. 17, 1913

Nov. 26, 1913—PTN LOTS 21 AND 22 Blk "C" Amended Map Fairview Trct, Okd. Western Union Home Bldrs to J S Connell. Nov. 17, 1913

Nov. 26, 1913 LOT 4 BLK 18 Map Northbrae, Bkly. Sequola Constr Co to whom it may concern. Nov. 26, 1913

Nov. 26, 1913—E CARMEL AVE 92.46 S Blair Ave S 50x E 152, Piedmont. Geo P and Elizabeth H Moore to Alfred Peterson. Nov. 21, 1913

Nov. 26, 1913—FERNSIDE BLVD, No. 3301, LOT 1 Bk "H" Waterside Terrace Ala. Alameda Invest Co to whom it may concern. Nov. 24, 1913

Nov. 26, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 W 187, Okd. T. J. First Presbyterian Church of Oakland to International Excavator Co. Nov. 22, 1913

Nov. 28, 1913—S SIXTIETH 100 W Colby W 13-1 D 100 E 39-5 N to pt Peg, Okd. J D Keys to whom it may concern. Nov. 28, 1913

Nov. 28, 1913—NE 6-FOURTEENTH and 9th Ave N 90x E 43, Okd. Margaret McNeill to whom it may concern. Nov. 28, 1913

Nov. 28, 1913—S OCEAN VIEW DRIVE 100 E College Ave 52x100, Okd. Joe T Collins to Collins Bros. Nov. 20, 1913

Nov. 28, 1913—NW FIFTEENTH AND Washington N 69.55 W 59.34 S 30.92 E 44.98, Okd. Charles L Hoffman and Charles J Heesement to Morrison & Co. Nov. 25, 1913

Nov. 28, 1913—SE SIXTEENTH AND Adeline E 40xS 60-4, Okd. Edward Olsen to whom it may concern. Oct. 20, 1913

LIENS FILED.

ALAMEDA COUNTY.

Nov. 4, 1913—LOT 23 BLK 17 Map Havenscourt, Okd. Higan Lumber Co vs MacArthur Bros Inc and J Poonia \$394.91

Nov. 5, 1913—ADDISON NO. 1719, E 34 Lot 5 Range 7 Map Subdiv 6 and 7 Hardy Trct, Bkly. A Dalgleish vs H E Sullivan and Mrs H A Long. \$47

Nov. 5, 1913—N BOND W 100 51st Ave W 40xN 120, Okd. W S Cooper vs William Le Baron. \$43.50

Nov. 6, 1913—W PTN LOT 31 Map Potts Tract San Pablo Ave, Okd. J C Sullivan vs Margaret A Powers and John Laamenen. \$35

Nov. 6, 1913—LOT 1 and W 10 Lot 2 Blk 119 Allston Tract, Bkly. J C Sullivan vs Samuel Illich and John Laamenen. \$80

Nov. 8, 1913—LOTS 41 AND 42 BLK 3 Map No. 6 Regents Park, Albany. Berkeley Lumber Co vs M Sibbins and D E Hughes. \$272.20

Nov. 8, 1913—N SIXTY-SEVENTH 125 E San Pablo Ave E 25 N 110.09 W 22.13 S 110.72, Okd. Berkeley Lumber Co vs M A Powers, John Laamenen and W H Sweeney. \$275.70

Nov. 10, 1913—E COTTAGE 129 N Central Ave N 35x E 50, Ala. Sunset Lumber Co vs W L Le Boyd and Emma J Lank. \$355.14

Nov. 11, 1913—LOT 252 Map Fourth Ave Terrace Ext, Okd. Pacific Mfg Co vs D L Rountree. \$125.10

Nov. 12, 1913—N SIXTY-SEVENTH 125 E San Pablo Ave E 25 N 110.09 W 22.13, LOT 15 BLK "C" Map Sunnyslope, Okd. C L Decker Co vs C M Cove. \$2643.48

Nov. 14, 1913—PT IN MILK RANCH Road at S cor, land conveyed from Estate Faxton D Atherton to Frank Enos Garcler by deed recorded in Liber 193 Page 49 SE 8.75 ch SE 4.32 ch NE 18.30 ch NE 11.32 ch SW 11.35 ch SW 19.06 ch, Eden Tp. P J Russell vs C E and Etta Humphrey Scofield. \$39.63

Nov. 14, 1913—N SIXTY-SEVENTH 125 E San Pablo Ave E 25 N 110.09 W 22.13 S 110.72, Okd. Contra Costa Pldg Materials Co vs John Laamenen, W H Sweeney and M A Powers. \$38.50

Nov. 17, 1913—E SAN PABLO AVE 25 N 67th W 50 E 125 N 35.72 E 22.13 S 110.09 W 25 N 25 W 125, Okd. Redwood Mfg Co vs Margaret A and Thomas Powers and John Laamenen (Laamenen). \$116.35

Nov. 17, 1913—N FORTY-FOURTH 116

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

FIRE HOUSE—1 story and base, brick, \$12,000. Richmond, Contra Costa Co., Cal. Architect Narbett, Richmond. Owners, City of Richmond. Bids opened for the construction of a new building to house Engine Company No. 2 show Paul Glazer low at \$12,365 with an alternate bid of \$11,870. A contract will probably be awarded to him at the next meeting of the Commissioners. A complete list of the other figures received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

LAUNDRY BUILDING—2 story and base, concrete and frame, \$16,000. Napa, Napa Co., Cal. Architect, State Architect George B. McDougal, Sacramento. Owners, State of California. Bids opened by the State Board of Control for the construction of a laundry building at the Napa State Hospital show Robert Trost low at \$15,850. No contract has been awarded. A complete list of these figures appear under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

NURSERY BUILDING—1 story, concrete and frame. Cost not stated. Eldridge, Sonoma Co., Cal. Architect, George B. McDougal, Sacramento. Owners, State of California. Bids opened at Sacramento for the construction of this building show Boxton-Dillon Co., nearest Bldg., S. F., low at \$17,440. No contract has been awarded. A complete list of the figures received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

FRESNO, MODESTA, SANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—2 story and base, Class A construction, \$100,000. Fresno, Fresno Co., Cal. Architect, eastern firm whose name is not given. Owners, First Christian Church of Fresno. Rev. Brendon pastor, Rev. Shirley P. Shaw, assistant pastor. Rev. Brendon has secured a set of plans from architects in the east who have built for him before. The congregation has secured a large site on one of the best located corners and will shortly start construction. The building will probably be faced with stone. Plans have not yet been received in Fresno and a detailed description of the building will be given later.

CITY HALL, ALTERATIONS.—Brick and steel, \$27,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, City of Bakersfield. This work was mentioned here when plans were first out for figures. All bids received were above the amount available and were rejected. Plans have been revised to bring the work within the \$27,000 and new figures will be opened on December 5th. Plans can be secured from Architect Wiseman.

HOTEL—2 story and base, brick, \$20,000. Fresno, Fresno Co., Cal. Architect, R. F. Stechin, Fresno. Owner, James Ryan. The building will be erected at the corner of Tulare and F streets covering an area of 75 by 90 feet. There will be three stores on the first floor besides the entrance to the hotel. Up-

sleeping porch. The garage will also be a two-story structure with accommodations for four machines and living quarters for the men above. Interior of the dwelling will be finished in pine and hardwoods. There will be a central heating system, open fire places, vacuum cleaning and a hot water supply. Mantels will be of tile and brick. Oak floors will be used in the principal rooms. Bath rooms will have tile floors and wainscot. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owners, Sullivan and Leet, East 15th street, San Jose. The dwelling will be similar to several others recently erected by the same owners and will contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Oak floors will be used in the dining room and living room. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

Building Contracts.

SANTA CLARA COUNTY.

E FIFTEENTH, 2nd Lot S of San Salvadore, San Jose. Five-room bungalow. Owner.....Sullivan & Leet, Premises. Architect.....None. Day's work.....COST, \$2,000

NO. 820 S-SECOND, San Jose. One and one-half-story residence. Owner.....W. M. Schub, Premises. Architect.....L. Lenzen, 210 S-Second, San Jose. Contractor.....J. F. Dowle, 43 Grand Ave., San Jose. COST, \$345

NO. 733 Blvd. Ave., San Jose. Two-room addition to dwelling. Owner.....I. Russo, Premises. Architect.....None. Day's work.....COST, \$20

NO. 66 JEROME, San Jose. Three-room cottage. Owner.....Mrs. E. Bertucci, Premises. Architect.....None. Day's work.....COST, \$450

NE ELEVENTH AND JACKSON, San Jose. Five-room cottage. Owner.....M. Volta, Premises. Architect.....None. Contractor.....J. C. McCombs, 214 Hobson, San Jose. COST, \$1,600

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED **ACCEPTED**
Nov. 15, 1913—SE PHELPS & MAPLE
Redwood City. Court Madrone No.
158, E. of A. to Donnelly & Waller
.....Nov. 13, 1912

E Linden E 23xN 100, Okd. E D Connelley and H W Bode vs Wm and Mrs Wm Pottinger.....\$59.38

Nov. 19, 1913—N CENTRAL AVE 40 E Fifth E 34xN 100, Ala. W P Fuller & Co vs W G Le Boyd.....\$71.71

Nov. 19, 1913—NE FIFTH & CENTRAL AVE E 40xN 100, Ala. W P Fuller & Co vs W G Le Boyd.....\$77.33

Nov. 19, 1913—LOT 2S AND SE 10 Lot 29 Map Holway and Lane's Subvn Lots 31, 32 and 33 Kingsland, Tract, Okd. Hogan Lumber Co vs H C Miller, Andrew R Muir and S A Potter.....\$285.76

Nov. 19, 1913—N SIXTY-SEVENTH 125 E San Pablo Ave E 25 N 110.09 W 22.13 S 110.72, Okd. S Jorgensen vs M A Powers and John Laamanen.....\$20

Nov. 19, 1913—W CENTRAL COURT 130 N Central Ave N 32.2xW 76, Ala. W P Fuller & Co vs W G Le Boyd.....\$46.50

Nov. 20, 1913—LOT 24 W 3 LOT 23 E 22 Lot 25 Blk 95, Kellersberger's Map, Oakland. Oliver Legault vs Martial Davoust.....\$206.45

Nov. 21, 1913—SW MOORPART AND Apricot S 104.06 W 23.25 N 100 E 52.05, Sunset Lumber Co vs C M and M Christensen.....\$171.54

Nov. 22, 1913—PTN LOT 13-A Map Lands Teutonia Park and Homestead Ass'n, Ala. Sunset Lumber Co vs W G Le Boyd.....\$354.76

Nov. 22, 1913—N CENTRAL AVE 40 E Fifth E 34xN 100, Ala. Sunset Lumber Co vs W G Le Boyd, A A O'Brien, C O'Brien and W Ehrenpfort.....\$429.98

Nov. 22, 1913—NE FIFTH AND Central Ave E 40xN 100, Ala. Sunset Lumber Co vs W G Le Boyd, A A O'Brien, C O'Brien and W Ehrenpfort.....\$521.09

Nov. 26, 1913—LOTS 23 AND 24 Blk 17 Map Havenscourt, Okd. P F Howard Co vs MacArthur Bros. Inc and J McDonough & Wickham Havens, Inc.....\$118.74

Nov. 28, 1913—PTN LOT 13-A Map Lands Teutonia Park and Homestead Ass'n, Ala. Alameda Hardwood Floor Co vs W G Le Boyd.....\$44.65

Nov. 28, 1913—N CENTRAL AVE 40 E 5th E 34xN 100, Ala. Alameda Hardwood Floor Co vs W G Le Boyd, A A O'Brien, C O'Brien and W Ehrenpfort.....\$59.40

Nov. 28, 1913—NE FIFTH AND Central Ave E 40xN 100, Ala. Alameda Hardwood Floor Co vs W G Le Boyd, A A O'Brien, C O'Brien and W Ehrenpfort.....\$92.63

Nov. 28, 1913—LOTS 3 AND 4 Map Elmwood Court Trt, Bkly. Brittain & Co vs Ellis C Wilson, G P Kelsey and Oscar Salranen.....\$51.47

SAN JOSE AND THE SANTA CLARA VALLEY,

RESIDENCE AND GARAGE—2 story and base, frame, \$15,000. San Mateo, San Mateo Co., Cal. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, William C. Duncan. The dwelling has been designed for a country home with 10 to 12 rooms, baths and

per floor will be arranged for a total of 25 guest rooms and several baths. Interior finish will be of pine and red wood. There will be steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$10,000. Fresno, Fresno Co. Cal. Architect's name not given. Owner, James Brisco. Contractor, Fred L. Gribble, Fresno. Contract price, \$10,000.
RESIDENCE—2 story and base, frame, \$9,085. Fresno, Fresno Co. Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, W. A. Sutherland. Contractor, D. A. Wilkins, Fresno. Contract price, \$9,085.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, \$2,500. Sacramento, Cal. Architect, none. Owner, W. D. McKay, 1211 X street, Sacramento. The dwelling will be erected in West Curtis Oaks and will contain six rooms and bath. All interior finish will be of pine. Some oak floors will be used. A large open fire place and tile mantel will be used in the living room. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster and rustic. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Eureka, Humboldt Co., Cal. Architect, William H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Architect William H. Weeks has completed working drawings for the new High School building, which is to be erected in Eureka, Humboldt County. The building will cover an area of 214 feet by 180 feet and is designed in the classic style. Construction will be of reinforced concrete, except the upper story, which will be of the slow burning type. Exterior is to be faced with cement plaster in imitation stone. Eight class rooms, a principal's office, the teachers' rooms, the bookkeeping and typing department and the assembly hall take up the space of the first floor. All class rooms throughout the building are equipped with book-cases and teacher's closets. The assembly hall has a seating capacity of 700 students and will be used for a study hall. The floor is level, but the stage is raised and built on a slant. This room is one of the most artistic in the building. As additional equipment, along with several other rooms, it has a complete motion picture outfit, including a fireproof box for the moving picture machine. There is a total of five exits to the hall, three main and two fire exits being provided. The library opens off the assembly hall. The second floor is given over to five class rooms, two science lecture rooms, the biological, chemical and physical laboratories, a girls' rest room and storage rooms. The drawing rooms are also located on this floor and have both side and ceiling lights, regulated by shades, which will permit of the adjustment of the lights

and shadows as desired. The chemical laboratory is absolutely fireproof.

FOUNTAIN, BALUSTRADES, ETC.—For residence tract, \$2,500. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Hammon, Jones and Williams, Stockton. Construction will be of concrete, Caen stone and ornamental iron. A number of ornamental electroliters will also be used. Plans are complete and figures are being taken.

BOTTLING WORKS ALTERATIONS AND ADDITIONS—Frame, \$3,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Rainier Bottling Works. This work will consist of repairs to the present buildings and construction of new sheds. Exteriors will be covered with corrugated iron. Plans are being prepared and figures will be called for shortly.

Building Contracts

SACRAMENTO COUNTY.

LOT 12 ROSE AVE TRACT, Sacramento. Erect dwelling. Owner.....A. O. Hansen. Architect...None. Contractor..Archie Myers, 3802 York Ave., Sacramento. COST, \$1200

W ¼ LOT 6, I, J, 4TH AND 5TH STS., Sacramento. Alter building. Owner.....W. J. Weisman. Architect...None. Contractor..Matthews Con. Co., Forum Bldg., Sacramento. COST, \$1500

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Nov. 25, 1913—E 43 FEET OF S ½ of Lot 5, O. 6th and 7th Sts., Sacramento. A G Johnson to Waterman Plumbing Co, Nov. 22; H W Robinson, Nov. 22; Wm C KeatingNov. 22, 1913

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT
Nov. 25, 1913—FRACTIONAL PARTS of Lots 63 and 65 Subd Rancho San Jonde to Moquelumnes Secs 4 and 33, T 5, R 6, Sacramento. Orvis & Ritz vs W E Myers.....\$269.25

Building Contracts.

SAN JOAQUIN COUNTY.

E 3 LOT 6, W 25 LOT 8 BLK 11 E. Stockton. Two-story brick building. Owner.....Mary P. Marshall, 345 S. American St., Stockton. Architect...None. COST, \$10,000

MAIN AND AMERICAN STS., Stockton. Remodel store. Owner.....M. F. Claiborne, 415 West Park St., Stockton. Architect...None. COST, \$1000

NOS. 21 AND 23 E MAIN ST., Stockton. Remodel brick building.

Owner ...Mrs. D. Loagier, 1444 N- E1 Dorado St., Stockton. Architect...None. COST, \$1000

LOT 15 BLK 228 E. Stockton. Erect corrugated iron shed. OwnerE. F. Smith, 510 N-East St Stockton. Architect...None. COST, \$400

LOT 14 BLK 66 S M C. Stockton. Remodel frame building. Owner.....E De Martini, 226 South Van Buren St., Stockton. Architect...None. COST, \$600

NO. 43 S-HUNTER ST., Stockton. Remodel brick building. Owner.....S. S. Parsons. Architect...None. COST, \$400

NO. 30 N-CENTER ST., Stockton. Remodel brick building. Owner.....H. Genser, 36 N-Center St., Stockton. Architect...None. COST, \$500

Laundry Building Bids Are Opened.

State Board of Control Receive Figures for Work at Napa State Hospital. Robert Trost Low.

(By Special Wire.)

SACRAMENTO, CAL., Nov 28th, 1913—Bids opened by the State Board of Control for the construction of a laundry building at the Napa State Hospital at Napa show Robert Trost, of this city, low at \$15,850. The next lowest figure was submitted by R. S. K. MacMillan for \$16,500. The following figures were received:

Laundry Building, Napa State Hospital
Robert Trost\$15,850
R. S. K. MacMillan..... 16,500
Frank Gallagher 17,395
Boston-Dillon Co..... 17,440
E. W. Goughy 17,730
Fluth & Morton..... 19,337
William Marin 19,616
Boyd-Kerr & McLean..... 19,868
Tieslau Bros. 20,240
O. R. Ackerman & Son Co..... 20,285
Christianson Bros. 20,830
Taunston & Co..... 20,373
E. J. Duffy..... 21,996
S. M. Walton & Son..... 27,296
All figures were taken under advisement.

Submit Figures For Work At Eldridge.

Boston-Dillon Co. Low Men, But Certified Check not Equal to the Ten Per Cent.

(By Special Wire)

SACRAMENTO, CAL., Nov. 26th—Bids were opened in Sacramento, Wednesday November 26th, by the State Board of Control for the construction of a nursery building for males at the State Home at Eldridge. The lowest figure was received from Boston-Dillon & Co., Hearst Bldg., San Fran-

cisco at \$17,410. No action on the award was taken however as the check accompanying the bid was not equal to the ten per cent as required. Robert Trost submitted the next lowest figure at \$17,890.

Following is a complete list of all bids received:

Nursery Building, Eldridge Home.

Boston-Dillon Co.	\$17,440
Robert Trost	17,890
O. B. Ackerman & Co.	18,100
Tieslau Bros.	18,984
C. Christensen Bros.	19,900
Fluth & Morton	19,967
B. J. Duffy	20,000
R. S. K. MacMillen	20,166
Wilson & Christensen	21,182

LOS ANGELES AND SOUTHERN CALIFORNIA.

PUBLIC HALL—1 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Otto Janssen. Story Bldg., L. A. Owners, East Rose Hill Improvement Association. The building will be erected on East Rose Hill Drive and has been designed for a civic and social center. The structure will be erected on a hill side, the surrounding grounds being terraced. A main auditorium seating 200 people is provided besides smaller parlors and smoking rooms. Interior will be finished in pine with maple floors. A gas steam system of heating is specified. Exterior will be covered with rustic and roof with slungles. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base reinforced concrete. Cost not stated. Capistrano, Orange Co., Cal. Architects, Walker and Vawter, Hibernian Bldg., L. A. Owner, Miss Grace M. Dalph. The dwelling will contain ten rooms and four baths. Construction will be of reinforced concrete with metal lath and plaster partitions and clay tile roofs. There will be steam heat and open fire places. Mantels will be of tile and brick. Pine, redwood and hardwood finish is specified. Oak floors will be used throughout. All bath rooms will have cement floors and tile wainscot. There will be a vacuum cleaning system and hot water supply. Exterior of the dwelling will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Venice, Los Angeles Co., Cal. Architect, Arthur G. Lindley, 1196 Hollingsworth, L. A. Owner, C. L. Smart. The building will be erected on Billows avenue and has been designed for an apartment house containing 60 rooms which are to be arranged in two and three room suites. Interior finish will be of pine and redwood with some elm panels. All suites will have private baths and wall beds. There will be steam heat and a hot water system. Vacuum cleaning will probably be installed. Walls will be finished in tile. Exterior of the building will be faced with cement plaster. Preliminary plans only have been prepared.

APARTMENT HOUSE—11 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architect, Dr. Forrest Howry, Van Nuys Bldg., L. A. A site on Figueroa street south of

Washington has been secured and a building covering an area of 120 by 100 feet will be erected. It is intended to arrange the interior for 47 suites of which twelve will be duplex apartments containing from eight to ten rooms while the balance of the apartments will range from five to seven rooms. Construction will be of the Class A type with a complete steel frame, exterior walls of brick and concrete faced with pressed brick and terra cotta. Preliminary plans have been prepared. Further mention will be made of this work as the plans progress.

CHURCH—3 2-story and base, Class C buildings, \$125,000. Architect, Joseph De Remer, Title Insurance Bldg., L. A. Owners, Wilshire Presbyterian Congregation. The group will consist of the main church, Sunday school building and manse. All of the structures will be Tudor Gothic in design. The church will be 80x115, and the main auditorium with gallery will accommodate 700 people. Will have a high basement which will contain a large lecture room and apparatus room. The Sunday School building will be a two-story and basement structure 60x111 feet. The basement will contain a large dining room, kitchen, lavatories, boiler room, etc. The upper stories will contain the Sunday school auditorium with a gallery, class rooms and accessories. The manse will also be a two-story structure, but no other details have been definitely decided. Concrete foundation and basements, brick exterior walls with artificial stone trim, slate roof, reinforced concrete floors, composition finish floors, hollow tile interior partitions, oak trim, plumbing and electric wiring. Each building will have a separate heating and ventilating plant. The plans will be completed and the Sunday school building erected immediately. The completion of this building will be followed by the erection of the manse and main church edifice.

CHURCH—1 story and base, brick. Cost not stated. Redondo, Los Angeles Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Church of Redondo. The building will cover an area of 38 by 106 feet and will contain a main auditorium seating 350 people. Interior will be finished in pine throughout. Plans provide for a central heating system. A clay tile roof will be used. Exterior of the building will be faced with blue pressed brick. Plans are now being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter. The building will be erected on North Main street and will have a frontage of 90 feet by a depth of 117 feet. Besides the hotel lobby plans provide for 15 stores on the first floor. Upper floors will contain a total of 150 guest rooms and 21 baths with 15 showers. Interior will be finished in pine throughout. There will be steam heat, elevator service and a vacuum cleaning system, hot water supply and other modern conveniences. Bath rooms will have composition floors and tile wainscot. Metal window sash and frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL AND STORES—2 story and

base, brick, \$40,000. South Pasadena, Los Angeles Co., Cal. Architect, Arthur B. Benton, 114 North Spring street, L. A. Owner, Mrs. Gertrude Ozman. The building will be erected at the corner of Mission and Fair Oak avenue covering a ground area of 105 by 85 feet. There will be stores on the first floor. Upper floor will be arranged for the hotel office and a number of guest rooms and baths. Interior will be finished in pine and redwood. Bath rooms will have tile floors and wainscot. Plans provide for steam heat and a hot water supply. There will be patent store fronts. Exterior will be faced with pressed brick. Plans are being prepared.

HOTEL—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, F. W. Wachter. The building will have a street frontage of 75 feet and a depth of 95 feet. Four stories and the hotel lobby will occupy the first floor. Upper floors will be subdivided into 60 guest rooms and a number of public and private baths. There will be steam heat, elevator service and a hot water supply. Interior finish will be largely of pine with some elm panels. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

Contracts Awarded.

COUNTY FARM STABLES, SUPERINTENDENT'S RESIDENCE, KITCHEN AND DINING ROOM—brick and frame, \$64,770. Los Angeles, Cal. Architect, George Low, County Supt. of Construction, L. A. Owners, Los Angeles County. Contractor, J. F. Atkinson, Story Bldg., general construction. Contract price not stated. J. Hukom, 4312 Moneta ave., L. A., plumbing, \$4,439.

PORTLAND AND OREGON.

WAREHOUSE—a story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, P. Chapelle Browne, Mohawk Bldg., Portland. Owner's name withheld for the present. The building will be erected at the corner of 15th and Hoyt streets covering a ground area of 100 feet square. Construction will be practically fire proof with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile or metal lath and plaster. Plans provide for an automatic sprinkler system, fire doors and metal window sash and frames. Spiral chutes will probably be installed. Exterior of the building will be faced with cement plaster. Two large elevators are to be specified. Plans are complete and figures are being taken.

CLUB HOUSE—1 and 3 story and base, frame and brick, \$20,000. Portland, Ore. Architects, Robinson & Thomas, Chamber of Commerce Bldg., Portland. Owners, Laurelhurst Club. Plans for the entire structure will be prepared at this time, although the building will be erected in two units; the first will be about two-thirds of the structure planned. There will be a large ballroom 80x10 and a dining room will be built in the future. This is to be fixed. Between these two rooms will be the club proper. This will be divided into a large reception room and cloak and billiard rooms. A steam

heating plant and other conveniences will be installed. Exterior of the building will be faced with cement plaster. Working drawings are nearly complete.

Contracts Awarded.

WAREHOUSE—2 story and base, brick and steel, \$75,000. For and on Architects, Emil Schacht & Sons, Commonwealth Bldg., Portland. Owners, D. P. Thompson Estate. Contractors, Boyajoln-Arnold Co., Panama Bldg., Portland. Contract price, \$75,000.

SEATTLE AND WASHINGTON.

KITCHEN AND COLD STORAGE BUILDING—1 story and base, reinforced concrete, \$25,000. Sefton-Woolley Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, Sefton-Woolley Insane Asylum. Plans have been completed for the construction of a large kitchen building and cold storage plant for the State Insane Asylum and figures will probably be called for this week by the State Board of Control. Interior will be finished in tile, marble and tile. Gas ranges will be installed. Exterior of the building will be faced with cement plaster. Plans and full particulars can be secured from the architects.

CAR BARN—1 and 2 story and base, reinforced concrete, \$200,000. Vancouver, B. C. Architect, Engineering Department British Columbia Electric Co., Vancouver. Owners, British Columbia Electric Co. The building will be erected at the corner of Main and Quebec streets covering an area of 132 by 510 feet. The main street frontage will be one story high and the Quebec street frontage 2 stories. Construction will be fireproof throughout. A cement floor will be used on the first floor. Plans provide for steam heat and modern mechanical equipment. Exterior will be faced with cement plaster. Metal window sash and frames are specified. Plans are now being prepared.

THEATRE—3 story and base, reinforced concrete, \$150,000. Seattle, Wash. Architect, Warren H. Milner, Arcade Bldg., Seattle. Owner's name withheld. The building will be erected at 121 to 1116 Second avenue. The structure will be 6x150 in dimensions and will be elaborately finished with ornamental terra cotta and marble will have a seating capacity of 2000 persons. Steam heating, ventilating of the most approved type, onyx marble runner tile flooring, art and plate glass, terra cotta, steel, etc., are specified. Contract will be awarded in the latter part of the week.

THEATRE, STORES AND OFFICES—2 story and base, brick and concrete, \$75,000. Seattle, Wash. Architect, H. Ryan, Northern Bank Bldg., Seattle. Owner, Alhambra Theatre. The building will be erected on the west side of First avenue north of Pike street, covering an area of 111 by 125 feet. Construction will be fireproof throughout with walls and floors of reinforced concrete. Inter for partitions will be of metal lath and plaster. The rear portion of the structure will contain a large part of the theatre and the entire stage will be designed in the shape of an open fan. Front of the building has been arranged for the main entrance and stores. Upper front portion will be subdivided into offices.

There will be steam heat and a modern system of ventilation. Interior will be finished in pine, ornamental plaster and metal. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans will be completed early in December and construction will be carried out under the direction of W. L. Blaine, probably under the Day Labor system.

Contracts Awarded.

WAREHOUSE AND LOFTS—7 story and base, reinforced concrete, \$125,000. Seattle, Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, A. Hambach Co., Contractors, Puget Sound Bridge & Dredging Co., Central Bldg., Seattle. Contract price, \$125,000.

STORES AND LOFTS—4 story and base, brick and steel, \$30,000. Seattle, Wash. Architects, Bebb & Mendel, Denny Bldg., Seattle. Owners, Walker Estate. Contractor, C. R. Aldrich, Central Bldg., Seattle. Contract price, \$30,000.

THE STATE HIGHWAY CONSTRUCTION.

The letter published in the Fresno Republican recently from W. R. Ellis, Secretary of the State Highway Commission, exposed conclusively one of the most malicious of the attacks made on the State Highway Commission. All over California, wherever it is thought possible to stir up a fuss against the state government by criticizing the highways, these things come up. The most persistent is a report that the highway foundation is too thin and of inferior materials, that it is beginning to crack and give way, and that in some places there are even holes in it. These charges are sustained by actual photographs showing the conditions complained of, or by the testimony of veracious witnesses who have seen them. The demonstration seems complete until it is learned that all these photographs and reports come from three sections of road, aggregating about a mile and a half in all, which the commission itself has rejected, and which are now being done over again. Of the contractors building the road, three have failed. These three built, altogether, about twenty miles of road, and of these twenty miles, about one and a half miles were found defective and are being replaced by the bondsmen of the contractors. The "holes" in the Sonoma country road, which Colonel Charles Mifflin Hammond undertook to make a sensation at the road roads meeting at Eureka, turned out to be holes which the highway commissioners themselves had bored to test the concrete. In a section of the road which was afterwards rejected and rebuilt.

Mr Ellis does not touch on the other complaint, so often heard, of the narrowness of the road, but the facts are equally simple. In the first place it is a matter in which the Highway Commission had no choice. It was required by a law passed before it or the Johnson administration began to build certain roads for a certain amount of money. Admitting that a road twenty feet wide is better than one fifteen feet wide it happens that the fifteen foot road could be built for the money and the twenty foot road could not. The

alternative would have been to take the money of the whole state to build the roads of only part of the state. This would not have been right, and if the commission had the power, it would not have had the power, even if it were right.

Moreover, even the fifteen foot road, in its original form will not be open to the traffic as made against it. Fifteen feet is in fact, wide enough for everything except turning out to pass, and it is wide enough for that if it is carefully done. But the passing will not have to be done in the fifteen feet. It is not necessary that the turn-out space be as smooth, as hard, or as capable of withstanding wear, as the track for main travel.—Fresno Republican.

MANIPULATING A PRESSURE GAUGE.

Setting back the hands of a clock in order to permit legislation to be enacted for other purposes, is a not infrequently noted device. We have never seen mention, however, of setting back the hand of a pressure gauge yet it is stated that this has been found necessary, in cases, when sinking rather deep shafts by the caisson method. The allowable limit of pressure under which men may safely work in caissons is, we believe, usually put up at 48 pounds. In order to reach depths corresponding to higher pressures without openly violating the laws or alarming the men, gauges have been manipulated to read from 5 to 10 pounds lower than the actual existing pressure. It is understandable that with only a few feet to go in order to land an expensive shaft which would otherwise be lost, the temptation to take chances and exceed safety limits is enormous. Nevertheless it is a thing not to be countenanced by anybody with the least humanitarian feeling. The occupation of the "sand hog" is sufficiently hazardous without his being made the victim of a crooked deal.—Engineering and Mining Journal.

FRAMES IN THE FIRE LIMITS MUST GO.

A notice of ten days has been served on G. H. Umbsen & Co., agents for the owners of the frame building located on the south line of Clay street 25 feet east of Drum street, to tear down by Chief Inspector of Buildings Morgan. A notice was also served on the tenant of the structure to vacate the premises within ten days.

INCORPORATIONS.

In Lind Co., Capital Stock, \$2,000,000, subscribed, \$500, shares \$100 each. Directors—A. Faulkner, B. Thelen, F. P. Bruner, M. T. Connors, F. Bruner, 1 share each. Place of business, San Francisco.

H. Hollman & Co., Capital Stock, \$25,000, subscribed, \$50 shares, \$500 each. Directors—A. Zett, G. J. Zett, J. Todd, F. C. Meyer, E. Zett, 1 share each. Place of business, San Francisco.



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FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.
The suggestion is made that all communications to consular officers be addressed

The American Consul,

At

the name of the officer not being given. Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 12026. Machinery for handling dairy products.—An American consular officer has forwarded a copy of a communication from one of the directors of a large dairy association in his district, relative to a visit which he is making to the United States in the interest of the association. Copy of the complete report, giving full details, will be sent to interested firms by the Bureau of Foreign and Domestic Commerce.

No. 12027. Hardware specialties and tools.—A commission merchant in France, representing large varnish works in the United States, informs an American consulate that he would like to act as agent for some good-selling American hardware specialties. He mentions particularly tools for carriage making, for automobiles, motor cycles and bicycles, and equipment in general for vehicle makers of all kinds. Correspondence with this merchant may be in English.

No. 12028. Automobile vacuum road cleaners.—An American consular officer reports that a firm in his district, which states that it is in a position to furnish the best of references, desires to receive offers carrying with them exclusive agency rights for Italy, from American manufacturers of automobile vacuum cleaners for cleaning city streets from dust. The firm in question states that it saw an illustration

of such a machine working in the United States. This firm already represents American general machinery builders. Correspondence should be in English.

No. 12029. Gas electric cars and electric baggage trucks.—A report from an American consular officer states that a railroad in his district has under consideration a scheme to use gas electric cars on one of its branch roads. A railway company intends to use electric baggage trucks at its stations. Full information regarding these matters can be obtained by addressing officials named in the report.

No. 12032. Building materials, machinery, and concrete mixer.—An American consular officer transmits the name of a Canadian firm which desires to obtain quotations on builders' materials, machinery, contractors' supplies, and concrete mixing machines. Correspondence may be in English and prices, to be quoted f. o. b., stated in United States currency. Terms of payment, 2 per cent discount 10 days or net 30 days. The firm in question states that it is in touch with European manufacturers, and prices quoted must compare favorably with those of the European exporters if business is to result.

No. 12033. Automobile catalogues and price lists.—An American consul in Australasia desires automobile manufacturers in the United States to send him catalogues, together with price lists and discounts to foreign dealers. He is frequently asked about certain American cars, but is unable to supply detailed information, as catalogues showing the cars in question are not on file in his office.

No. 12304. Machinery for making carpets.—A resident of a South American country in forms an American consular officer that he wishes to purchase machinery for making carpets, and would like to hear from manufacturers. He requests catalogues and full particulars. Correspondence may be in English.

No. 12013. Steam tug.—The American consulate at Madrid, Spain, reports that proposals are requested by the Junta de Obras del Puerto de Gijón-Musel for the purchase of a steam tug for harbor use, the estimated cost of which is \$16,850. Plans are on file in the Secretaría de la Junta de Obras del Puerto de Gijón-Musel, Gijón-Musel, Spain, where they may be seen. Bids must be sent to the same office before December 22.

No. 12021. Sporting goods, paper novelties, and advertising specialties.—

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

Special Attention Given to Building Law and Bankruptcy Cases

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615 Phelan Building, San Francisco

A person, with apparently good business connections in South Africa, informs an American consulate that he wishes to get into touch with American novelty firms dealing in sporting goods novelties, paper novelties, and advertising specialties, for the purpose of securing sole South American agencies. Interested American firms may send duplicate catalogues with full particulars to the person in care of the consulate forwarding the inquiry.

No. 12023. Agricultural implements.—An American consulate has received inquiries for the names of American manufacturers of agricultural implements used in connection with the groundnut (peanut) industry. The inquirer states that he is interested in a number of groundnut farms in West Africa, and that he is desirous of installing there the latest agricultural implements.

No. 12035. Face brick.—An American consular officer has forwarded the name of a firm in his district which desires to enter into communication with American manufacturers of fancy face brick, enameled and plain. Correspondence may be in English, and quotations may be given in United States currency. Prices should be quoted f. o. b.

No. 12036. Hardware, contractors' supplies, engines, and concrete mixers.—A report from an American consular officer in Canada states that a firm in his district desires to receive from American manufacturers catalogues, price lists, and discount sheets of hardware specialties, contractors' supplies, concrete mixers, and gasoline engines. Correspondence may be in English.

No. 12037. Hardware, paints, and novelties.—A business man in a Latin American country informs an American consular officer that he would like to represent American manufacturers of hardware, paint, and novelties of a general nature.

No. 12038. Lumber and dry room.—An American consul in a European country reports that a firm in his district manufacturing fine furniture would like to import whitewood and mahogany. The firm also desires to purchase a dry room and would like offers from American concerns. Correspondence should be in German.

No. 12039. Black tin.—A business man in a European country informs an American consulate that he would like to import black tin from the United States, if prices compared favorably with those of English concerns from which he now purchases. Correspondence should be in German.

No. 12011. Flour, wire, roofing, oils, cement, etc.—An American consular of-

ficer in Brazil writes that a firm in that country with good references is anxious to make direct agency connections to cover southern Brazil with American firms handling the following articles: Wheat flour, codfish, wire for fencing and other purposes, galvanized-iron or zinc roofing, kerosene, gasoline, oils, pitch, and tar, soda, cement, iron and steel bars. Manufacturers of these articles in the United States who may be interested should write in Portuguese to the firm in question, whose name can be obtained from the bureau of Foreign and Domestic Commerce.

No. 12043. Groceries and hardware specialties.—An American consular officer in Canada transmits the name of a local person who desires to enter into communication with American exporters of groceries of all kinds and hardware specialties. Correspondence may be in English and prices in American currency, quoted f. o. b. Terms of payment, 30 days net. The inquirer desires to purchase in large quantities.

No. 12045. Lumber, tobacco, flour, hardware, meats, etc.—The manager of an important business house in Africa informs an American diplomatic officer that he is desirous of communicating with American exporters of the following articles: Pine-pine lumber, leaf tobacco (in bags), flour (barrels and half barrels), hardware, hams, bacon, and corned beef (in barrels). Correspondence should be direct with the person referred to and may be in English.

No. 12052. Chairs, timber, leather, and furnishing lines.—A firm of wholesale dealers in furnishing lines in Australasia informs an American consulate that it wants to get in touch with American manufacturers of the following lines: Kitchen and dining room chairs, knock-down free-ply oak for manufacturing, three-ply other timbers, leathers for upholstery, and new furnishing lines. The firm states that it does only a wholesale distributing business and thus only bona fide manufacturers interest it. The firm is open both as buyer and as agent for these lines, and already controls a large business in furnishing lines principally English and Continental goods. Communications, accompanied by catalogues, samples, etc. and some guide as to prices with full information as to terms will save a great deal of time and will likely lead to business.

No. 12049. Agency in Australia.—A firm of commission agents in Australia writes an American consulate that it would like to be placed in touch with American manufacturers who desire to be represented in Australia on an indirect commission basis. The lines the firm is most interested in are those which it is ready to go to America to see.

No. 12051. Sale of timber licenses.—The American consulate general at Vancouver British Columbia, reports that tenders will be received by the Ministry of Lands for the purchase of timber licenses and in certain areas. Further particulars of these sales can be had of the Chief Forester, Victoria, British Columbia.

No. 12053. Lacquer for brass.—An American consular office in South Africa writes an American consulate that it is desirous of being placed in touch with American manufacturers of lacquer for brass, preferably zinc lacquer.

would be glad to receive communications from such manufacturers as soon as possible. Catalogues should be sent to the officer forwarding the inquiry for his files.

No. 12054. Nail and hook making machinery.—A business man in Germany has written an American consul that he wishes to purchase nail-making machines for his factory for making nails and hooks of all kinds for building purposes. He states that he has tried thoroughly in Germany but can not find what he wants and would like to get into communication with an American firm that can supply him with such machines. His competitors are said to possess such equipment. Correspondence should be in German.

No. 12056. Projectiles for the Spanish Navy.—The American consul at Madrid reports that proposals are requested by the Navy Department of Spain for supplying projectiles of all kinds for a period of 12 years. The projectiles combat and practice, of all kinds must be manufactured according to certain plans and details which are on file in the Jefatura de Construcion de Artilleria del Ministerio de Marina, Madrid, Spain. The concessionaire will be obliged within two years for the date of award of this contract to set up a factory for the complete manufacture of the projectiles in Spain and to use material of Spanish production exclusively. The estimated quantities to be ordered will amount to \$261,495 each year of the first four years of the contract and \$44,637 each year for the balance of the term. All details concerning this contract may be obtained by direct correspondence in Spanish with the Jefatura de Construcion de Artilleria del Ministerio de Marina, Madrid, Spain.

No. 12061. Mining tools and machinery.—The American consul at Madrid, Spain, reports that the Direccion General de Propiedades e Impuestos desires bids for supplying the Almaden mines (lead and antimony), owned by the Spanish Government and operated by an English company, with mining tools, etc. needed for the year 1914, the value of which is not to exceed \$1,560. All specifications are on file in the Administration General de las Minas de Almaden, Almaden, Province of Ciudad Real, Spain. Proposals must be submitted by December 9.

No. 12062. Hardware, agricultural implements, and machinery.—An American consul reports that a prominent retail hardware firm in his district would like some good specialties in the hardware, agricultural implement, dairy implement, or small machinery line for a special exhibit at an exposition to be held shortly. Exclusive agencies for desirable lines are sought and prompt replies are necessary with reliable address, if any, and hole used.

Completion Notices.

SAN FRANCISCO

FOR THE MONTH OF OCTOBER

Oct. 1, 1913—N JACKSON 7-6 E Larkin E 23xN 87-6 Geo F Webb to Chas J U Koenig Sept. 29, 1913
Oct. 1, 1913—SW TWENTY-FIRST and Harrison, Ford Motor Car Co. of California by Clinton F. C.

proving C to Lyden & Bickel....
.....Sept. 24, 1913
Oct. 1, 1913—SE POWELL AND O'Farrell, The Union League Club, Lessee to A C Wacker.....
.....Oct. 1, 1913
Oct. 1, 1913—NE WASHINGTON & Octavia E 137'6xN 127-8 1/2, A B Spire keys to John G Sutton Co.....
.....Sept. 29, 1913
Oct. 1, 1913—E FORTY-SEVENTH Ave. 10 S Balboa S 50x E 120, Eugene B Hallett to whom it may concern.....Sept. 30, 1913
Oct. 1, 1913—E FORTY-SEVENTH Ave 310 S Balboa S 50x E 120, Eugene B Hallett to whom it may concern.....Sept. 22, 1913
Oct. 1, 1913—NE VALLEJO & HYDE 14x60, William K Bush to E J Montgomery.....Sept. 18, 1913
Oct. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6, Winslow Anderson to Thomas Elam & Son.....
.....Sept. 30, 1913
Oct. 1, 1913—SW O'FARRELL AND Broderick S 74xW 35, E W and A M Bender to whom it may concern.....Oct. 1, 1913
Oct. 1, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 and extending on E and W sides 137-6, The Insurance Exchange to Vulcan Iron Works Sept. 29, J E O'Mara.....
.....Sept. 29, 1913
Oct. 1, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6, John A Lennon to Pacific Fire Extinguisher Co.....
.....Sept. 27, 1913
Oct. 1, 1913—SE GOLDEN GATE AV. and Laguna S 100x E 34 m or 1 Jas P Cogdhan vs Mrs Kate Besore, 2-3, Frank J Fallon, 1-5, Jas Fallon, 1-5 Eugene Fallon, 1-5, \$186.25
OCT. 2, 1913—S GREENWICH 150, W Larkin W 25xS 150, Mae Marino, Trinidad J and Ida M Olivi to Ratto & Gammali.....Oct. 2, 1913
Oct. 3, 1913—E PUTNAM (Putnam Ave.) 125 N Jarboe (Jefferson) Ave N 50x E 70 Lots 1094 and 1096 to M P S. Thos S Webb to T H Parry.....Sept. 27, 1913
Oct. 2, 1913—W NINTH AVE 100 S Irving W 73xN 66, Patrick Furlong to whom it may concern.....
Oct. 2, 1913—EDDY NO. 47, fronting on Eddy and Market Leong Entow to Brandt & Stevens.....Oct. 1, 1913
Oct. 2, 1913—S EIGHTEENTH AND Argwood, L A Gautier to E A Carson.....Oct. 2, 1913
Oct. 2, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/2, Sierra Invest Co to F L Maino.....Oct. 2, 1913
Oct. 2, 1913—SW O'FARRELL AND Broderick 75xW 40, Frank Neldick to Ada M Bender.....\$301
Oct. 2, 1913—NW THIRD & BRYANT N 30xW 715, Redwood Mfgs Co vs H D Matherly, John O'Kane, John Ross and Josephine Hendrick.....\$45.70
Oct. 1, 1913—N TWENTY-SEVENTH 30 E Noe E 26xN 114, Charles A and Martha Nielsen to whom it may concern.....Sept. 30, 1913
Oct. 4, 1913—E NINTH AVE 160 S Balboa 27-8x120, Christina Stewart Webb to whom it may concern.....
.....Oct. 4, 1913
Oct. 1, 1913—NE BISHOP & STOCKTON N 80 E 88-10, Harriet McCarthy to Fred C Jones.....Sept. 27, 1913
Oct. 1, 1913—S LAWTON 96 E 10th

- Ave S 100xE 24. A V or Andrew V Anderson.....Oct. 2, 1913
- Oct. 4, 1913—NW FOLSOM 275 SW Third NW 153 SW 175 SE 75 NE 99-0 1/2 SE 80. Henry E Holmes to whom it may concern.....Oct. 4, 1913
- Oct. 4, 1913—NW BUSH AND VAN Ness Ave N 60xW 100. Charles Brown & Sons (cpn) vs J P Sweeney, R J MacKenzie and Mary MacKenzie (wf).....\$132.90
- Oct. 6, 1913—W PALM AVE 226-4 S Euclid Ave S 33-4xW 120. Chas F W Webber Jr to whom it may concern.....Completed
- Oct. 6, 1913—LOT 26 BLK "I" Mission Terrace. Rubie Hanson and Bertha Koenigsthal to Frederick A Hanson.....Sept. 29, 1913
- Oct. 6, 1913—SE TWENTY-SECOND & Eureka S 60xE 23-9. Hannah Howarth to Richard Fahy.....
- Oct. 6, 1913—E LARKIN 87-6 N Broadway N 25xE 137-6. A D Van Dorn to W L Terry.....Oct. 1, 1913
- Oct. 6, 1913—W ARKANSAS 175 N 20th N 25xW 100. Guiseppe Cavaglieri to whom it may concern.....Oct. 4, 1913
- Oct. 6, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-8 1/4. The San Francisco Polyclinic & Post Graduate College to Frederick W Snook Co.....Oct. 2, 1913
- Oct. 6, 1913—NE FOURTH AVE & Parnassus Ave N 70 E 57-6 S 53-3 m or l W 60 m or l. Augusta M Hewitt to whom it may concern.....Oct. 6, 1913
- Oct. 6, 1913—NE TURK & FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Lyden & Bickel.....Sept. 29, 1913
- Oct. 7, 1913—W FIFTEENTH AVE 100 N Judah N 25xW 127-6. T J McGovern vs Holger Nelson and A E Olson.....\$115
- Oct. 7, 1913—SE ALMA & SHRAEDER W H Yates vs M F Cariss and W S King.....\$26.95
- Oct. 7, 1913—N NINETEENTH 175 E Sanchez E 25xN 114. Eureka Sash Door & Moulding Mills, \$553.42; A Davis, \$273 vs Joseph and Linda E Herb and S Malmberg.....
- Oct. 7, 1913—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training to H Maundrell.....Oct. 2, 1913
- Oct. 7, 1913—E FOURTH AVE 210 N "C" 25x125. Jennie Frye to Leslie G Geary.....Oct. 6, 1913
- Oct. 7, 1913—NW JACKSON AND Drumm N 60xW 60. Thos W Butcher to Bradley & O'Reilly and George Goodman Artificial Stone Co.....Oct. 6, 1913
- Oct. 7, 1913—E SECOND AVE 250 N Anza N 25xE 120. Chas S Boyen to whom it may concern.....Oct. 2, 1913
- Oct. 7, 1913—N PAGE 30 W Webster W 30xS 100. Rousseau Realty Co to whom it may concern.....Oct. 6, 1913
- Oct. 7, 1913—NE TURK & FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Pacific Fire Extinguisher Co.....Sept. 29, 1913
- Oct. 7, 1913—S JACKSON 228-8 E Polk E 46-4xS 127-8 1/4. The San Francisco Polyclinic and Post Graduate College cpn to The Turner Co.....Oct. 2, 1913
- Oct. 7, 1913—E FIFTEENTH AVE 125 N California 25x127-6. O E Anderson to whom it may concern.....Oct. 6, 1913
- Oct. 7, 1913—N NINETEENTH 175 E Sanchez E 25xN 114. Chas J Powers vs J Herb & S Malmshurg.....\$145.40
- Oct. 8, 1913—SW O'FARRELL AND Jones W 49-6 S 68-9 W 22 S 22 E 71-6 N 90-9. A E Hornlein vs J M Kane and W J Yore.....\$439.69
- Oct. 8, 1913—E LYON 99 S Union S 25xE 40 m or l Mary S Newmeyer to J A Hill.....Sept. 24, 1913
- Oct. 8, 1913—W SECOND AVE 135 S Irving S 25xW 120. W J and Mary K Wagner to Ed Zinkand & Son.....Sept. 29, 1913
- Oct. 8, 1913—NE TURK AND FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Western Furnace and Cornice Co.....Sept. 29, 1913
- Oct. 8, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8 1/4. A B Spreckels to The McGivray Stone Co.....Aug. 11, 1913
- Oct. 8, 1913—NE TURK AND FILLMORE N 275xE 130. Realty & Rebuilding Co by MacDonald & Kahn to Pacific Mfg Co.....Oct. 8, 1913
- Oct. 8, 1913—N IRVING 32-6 W 9th Ave W 25xN 69. John Meierdierks to Mager Bros.....Completed
- Oct. 8, 1913—SW MARKET AND FOURTH. Judah Boas to Ira W Coburn Inc.....Oct. 7, 1913
- Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Healy Tibbitts Construction Co.....Sept. 27, 1913
- Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Healy Tibbitts Construction Co.....Oct. 4, 1913
- Oct. 8, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co. to Pringle-Dunn & Co
- Oct. 8, 1913—S PACIFIC AVE 155 E Webster E 30xS 117; No. 2221 Pacific Ave. Judah Boas to Ira W Coburn Inc.....Oct. 7, 1913
- Oct. 9, 1913—E RAMONA AVE 205 N 15th N 25xE 75. Sallie Clot to Ducas.....Oct. 7, 1913
- Oct. 9, 1913—SW SANCHEZ AND Elizabeth 25 on Sanchez x 101-9 on Elizabeth. Martha Anderson to A W Burnett & Co.....Oct. 8, 1913
- Oct. 9, 1913—NW VAN NESS AVE & Post N 120xW 139-9. Hecht Invest Co to Lindgren Co.....Oct. 4, 1913
- Oct. 9, 1913—W STANFORD 106-3 S Brannan W 80-1 1/2xS 100. Crane Co to E M Huie & Co.....Sept. 8, 1913
- Oct. 9, 1913—N S CAMORE AVE 230 W Mission W 25xN 100. Mary E Soto to Gustave Anderson.....Sept. 30, 1913
- Oct. 9, 1913—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Estate Co to Western Iron Wks.....Oct. 6, 1913
- Oct. 9, 1913—W DOLORES 53 S 21st W 35xS 25. C T O'Leary to N A Carlson.....Oct. 8, 1913
- Oct. 10, 1913—N TWENTY-NINTH 165 W Castro W 25xN 114. Arthur T Jansson to whom it may concern.....Oct. 10, 1913
- Oct. 10, 1913—SE BUSH & CHIEFSEA Place E 39-6xS 82-6. T J Crawley and H P Stoltenberg to Bishop & Duarte.....Oct. 9, 1913
- Oct. 10, 1913—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to The McGivray Stone Co.
- Oct. 9, 1913—Campbell Bros. Oct. 3, 1913
- Oct. 10, 1913—LOT 9 BLK "H" Mission Street Land Co. Homestead Land Co to William H Grahn.....
- Oct. 10, 1913—E STOCKTON 50 S Sutter E 80xS 40-8 1/4. Sierra Inv Co to P J Lynch.....Oct. 10, 1913
- Oct. 10, 1913—NW THIRD AND Townsend N 33xW 57-6. John A and D Williamson to Ira W Coburn.....Oct. 8, 1913
- Oct. 10, 1913—N FULTON 137-6 E Gough E 98-9xN 120. Augusta E Bergson to Stockholm & Allyn.....Oct. 9, 1913
- Oct. 11, 1913—LOT 586 Gift Map No. 1 W G McDiarmid to whom it may concern.....Oct. 8, 1913
- Oct. 11, 1913—S VANDEWATER 91-3 E Mason 22x60. Luigi Merlo to B Pagano.....Oct. 11, 1913
- Oct. 11, 1913—NW MCKINNON AVE and Newhall N 100xW 50. J M Cervieres to J M Burns.....Oct. 2, 1913
- Oct. 11, 1913—N PFEIFFER 67-6 W Grant Ave W 27-6 N 52-6 E 5 N 2-6 E 22-6 S 55. G Cosce to Devencenzi Bros & Co.....Oct. 10, 1913
- Oct. 11, 1913—E FIFTH 221-7 N Parnassus Ave. C A Hall to whom it may concern.....Oct. 11, 1913
- Oct. 11, 1913—S VALLEY 205 E Castro E 25xS 114. Charles and Sadie McArthur to whom it may concern.....Oct. 4, 1913
- Oct. 11, 1913—EDDY NOS. 40 AND 42. M Lager to Wm C Lynch.....Oct. 11, 1913
- Oct. 11, 1913—SE SANCHEZ AND 24th S 90 E 25 N 90—25. Peter Gumm to A E Olson.....Oct. 14, 1913
- Oct. 14, 1913—N SEVENTEENTH 190 W Howard W 25x100. John and Daniel Lagan to W M Foley.....Oct. 14, 1913
- Oct. 14, 1913—E MISSISSIPPI 50 S 18th S 25xE 100. Otto and Ella R Scharteg to E A Janssen.....Oct. 11, 1913
- Oct. 14, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 197-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to W P Fuller & Co. Oct. 11; Thos Day Co.....Oct. 11, 1913
- Oct. 14, 1913—E TWELFTH AVE 75 S Anza S 25xE 100. Alfred T Morris to whom it may concern.....Oct. 10, 1913
- Oct. 14, 1913—SW TWENTY-FIRST and Harrison. Ford Motor Co by Clinton Fireproofing Co of California to North Star Iron Works.....Oct. 10, 1913
- Oct. 14, 1913—E TAYLOR 91-8 N Sutter 22-11x87-6. Herman D or H D Hogrefe to whom it may concern.....Oct. 10, 1913
- Oct. 14, 1913—N BUSH 137-6 E Dupont N 115 W 27-6 N 22-6 E 27-6 N 70 E 58-9 S 70 E 20 S 137-6 W 78-9. Macdonough Estate Co to Mealey & Collins.....Oct. 10, 1913
- Oct. 14, 1913—S GREENWICH 100 E Hyde S 68-9xE 37-6. Laura B Powers to Holm & Son.....Oct. 9, 1913
- Oct. 14, 1913—N TWENTIETH, bet Connecticut and Missouri 25 W Missouri frontage of lot Amanda E Tuft to J S Malloch.....Oct. 10, 1913
- Oct. 14, 1913—S BUSH 165 W Polk W 27-6xS 120. F W Noltmeyer to William Martin.....Oct. 14, 1913
- Oct. 15, 1913—E CURTISS Lot 40 Blk 5, Crocker Amazon Tract. Veronica M Brown and Meta Mahan to Oliver Evans.....Sept. 25, 1913
- Oct. 15, 1913—N TWENTY-THIRD Ave 200 S Clement S 25xE 120. T Anderson to whom it may concern.....Oct. 15, 1913
- Oct. 15, 1913—E FORTY-FIRST AVE 148-8 N Balboa N 25xE 120. Frank

- E Winters to Geo F Cleese...Oct. 9, '13
Oct. 15, 1913—S GENEVA AVE 50.77
E Madrid E 25xS 100. Wallace J
Peebles to Gus Anderson...Oct. 7, 1913
Oct. 15, 1913—NW BALBOA AND
43rd Ave N 100xW 60. Oscar Hey-
man & Bro to W H Upham...Oct. 9, '13
Oct. 15, 1913—LOT 25 BLK 4 Crocker
Amazon Tract. Arthur G Duncan
to L L Allen...Oct. 15, 1913
Oct. 16, 1913—SE CALIFORNIA
AND Leidesdorff fronting N on Califor-
nia and at rear 107-6 and extend-
ing on E and W sides 137-6. The
Insurance Exchange Inc to W D
Henderson...Oct. 15, 1913
Oct. 16, 1913—N PINE 37-8 W Stock-
ton W 20 N 59-6 E 17-6 S 19-6 E
2-6 S 40. John and Sara Rice Ber-
mingham to Arthur D Collman...
Oct. 16, 1913
Oct. 16, 1913—N TWENTY-THIRD
26-9 W Diamond 23xS5. Margaret
B and Paul Semmig to Charles F
Weldon...Oct. 15, 1913
Oct. 15, 1913—CARL NO. 172 on N
line bet Cole and Stanyan. William
Sargent to J J Murray...Oct. 14, 1913
Oct. 16, 1913—W Willard 75 S Turk
S 25xW 96-5. Mr and Mrs S or
Carrie Goldsmith to W F Duffer...
Oct. 7, 1913
Oct. 17, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 51-4 1/2
W 60 th 18-10 1/2. W F Wilson Set
Co to Fibrestone & Roofing Co...
Oct. 16, 1913
Oct. 17, 1913—N GEARY 90 W Jordan
Ave N 100xW 30. Frank Pegel to
whom it may concern...Oct. 2, 1913
Oct. 17, 1913—SE EDDY & FILMORE
S 275xS 130. Realty & Reluinding
Co to MacDonald & Kahn...Oct. 17, '13
Oct. 18, 1913—W FOURTH AVE 75 N
Kirkham N 25xW 95. T F McDerm-
ott and Sarah G McDermott to R
Keller...Oct. 16, 1913
Oct. 18, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Hicks &
Folte...Oct. 10, 1913
Oct. 20, 1913—S BROADWAY 149-6 W
Taylor W 18-9xS 60. Lillian
Palmer and Emily E Williams to
J H Malloch...Oct. 18, 1913
Oct. 20, 1913—E EIGHTH 165 S
Howard 36x137-6. A Hinkelmann
to O W Britt...Oct. 17, 1913
Oct. 20, 1913—SE CALIFORNIA &
Gough E 72-6xS 100. Sylvia N
Schalltacher to A H W Heim...
Oct. 11, 1913
Oct. 20, 1913—SE EDDY & FILMORE
S 275xS 130. MacDonald & Kahn
to whom it may concern Oct. 17, 1913
Oct. 20, 1913—E TWENTY-FIRST
Ave 255 N Anza N 25xS 120. Mar-
garet Hamill to Thos Hamill...
Oct. 16, 1913
Oct. 20, 1913—W POLSON 460 N
Stoneman N 25xW 80. Giuseppe
Pedrone to Francesco Bonaforsso...
Oct. 20, 1913
Oct. 20, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Mable &
Brown...Oct. 17, 1913
Oct. 20, 1913—N NINETEENTH 150 E
Sanchez 25x1 1/2. Louis J Henfouille
to S Malburg...Oct. 20, 1913
Oct. 20, 1913—W ARLINGTON 27 S
Mateo 25x80. John Universon to
John P Dyadal...Oct. 18, 1913
Oct. 21, 1913—NW JACKSON AND
Drum N 60 S 60 W 60 E 60. Tios
W Butcher to Croilan Cornice Wks
...Oct. 21, 1913
Oct. 21, 1913—E NINTH AVE 275 N
"D" N 75xS 120. Daniel S McCarthy
to whom it may concern...Oct. 21, 1913
Oct. 21, 1913—NW POST AND SCOTT
N 165 W 192-6 S 55 E 55 S 110 E
137-6. Mount Zion Hospital to
Simonds Machinery Co...Oct. 17, 1913
Oct. 21, 1913—E BANKS 175 N Eu-
genia Ave 25 on Banks x 70. Ber-
nardino Barbero to whom it may
concern...Oct. 20, 1913
Oct. 21, 1913—W NINTH 200 S Market
S 25xW 80. Catherine Degano to F
G Denke...Oct. 16, 1913
Oct. 21, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Geo Haub
...Oct. 16, 1913
Oct. 21, 1913—N BROADWAY bet
Baker and Broderick. Albert L
Ehrman to Frank M Garden & Co
...Oct. 20, 1913
Oct. 21, 1913—SW BELVEDERE &
Grattan Ernestine V Scheid to
Otto Carson & Co...Oct. 20, 1913
Oct. 21, 1913—S FELI 134 W Polk W
31 S 135-2 1/4 to a pt on NW Market
NE 35-2 1/4 N 112-10 1/2. P J Mc-
Govern to Arthur Elvin...Oct. 15, 1913
Oct. 21, 1913—SE SIXTH & MINNA
E 100 S 75 W 25 N 50 W 75 N 25
100 V Blk 38. Lange Invest Co to
J J Connolly & Son...Oct. 14, 1913
Oct. 21, 1913—N BROADWAY 47-7 W
Grant Ave W 21-2xN 48-6. Prosper
Bacigalupi to G Caranza and A
Curran...Oct. 20, 1913
Oct. 22, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2 — 80 N 40-8 1/2
Sierra Invest Co to John G Sutton...
Oct. 22, 1913
Oct. 22, 1913—E CHURCH 51 N 27th
N 25xS 95. Otto A Busse to Einar
Peterson...Oct. 22, 1913
Oct. 22, 1913—NE SEVENTEENTH &
Hampshire E 200xN 133-4. Lux
School of Industrial Training to
Joseph Musto Sons-Keenan Co...
Oct. 20, 1913
Oct. 22, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2 — 80 N 40-8 1/2
Sierra Invest Co to Van Emon Elev
Co...Oct. 22, 1913
Oct. 23, 1913—S MISSION 146-6 W
10th W 102-10 S 50 W 27-4 S 50 E
130-2 N 160. Gantner & Mattern
Co to Lindgren Co (2 completion
notices filed)...Oct. 18, 1913
Oct. 23, 1913—LOTS 9 AND 10 BLK
37. Kels Tract. John E Lindberg to
A H Wheeler...Oct. 16, 1913
Oct. 23, 1913—N OAK 157-6 W Van
Ness Ave W 89-9 N 120 E 68-9 S 40
E 21 S 80. The Young Men's In-
stitute Hall Ass'n to T E Daniel
O'Day Co...Oct. 15, 1913
Oct. 23, 1913—N PAGE 165 W Frank-
lin W 54-6xN 120. Drudis Hall
Society to F J Klenck Oct. 22, 1913
Oct. 23, 1913—E EIGHTEENTH AVE
128 N Clement. John Donahue to
Jeremiah Scanlon...Aug. 28, 1913
Oct. 23, 1913—E PORTIETH AVE
160 S "F" S 25xS 100. Gustav and
Eva Thielke to C Wengard...Oct. 23, 1913
Oct. 24, 1913—W WINFIELD (Chapu-
Itpec) 50 S Esmeralda Ave S 25x
W 70. Lot 292 Gift Map No. 3
Mary Chesney to A W Burnett...
Oct. 23, 1913
Oct. 24, 1913—N BUSH 121-1 1/2 W Polk
W 56-7 1/2xN 120. L A Myers to O
W Britt and B C Van Emon...Oct. 13, 1913
Oct. 7, 1913—NE SEVENTEENTH AVE
Hampshire E 200xN 133-4. Lux
School of Industrial Training to D
B Farquharson...Oct. 23, 1913
Oct. 27, 1913—W FIFTEENTH AVE
200 N Irving N 50xW 127-6. Sunset
Home Realty Co to Cox Bros...
Oct. 27, 1913
Oct. 27, 1913—NE EIGHTEENTH &
Mississippi 25x100. Jos and Liliac
Cole to H H Bergfeld...Oct. 20, 1913
Oct. 27, 1913—S EIGHTEENTH 110
E Dobres — 28 S 112 W S 8 45 W
20 N 157. Theresa D Murphy to
Frank Ennis and John H McGivern
...Oct. 18, 1913
Oct. 27, 1913—LOT 35 BLK 12
Crocker Amazon Tract. Clarence
D Bevier to whom it may concern
...Aug. 1, 1917
Oct. 27, 1913—NW TAYLOR & COSMO
Place (Lewis Place) N 28-9xW 80.
Josephine Winterburn to Continen-
tal Fireproofing Co...Oct. 20, 1913
Oct. 28, 1913—S SUTTER 76 W Hyde
10-6x100. Alicia B Wood to P J
Lynch...Oct. 27, 1913
Oct. 28, 1913—S SUTTER 25 W Larkin
W 40xS 120. Florence Ward to J D
Hannah...Oct. 22, 1913
Oct. 28, 1913—TWENTY-SECOND NO.
391. Geo B Heart to Peter Megias
...Oct. 25, 1913
Oct. 28, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra In-
vestment Co to C J Hillard Co, Oct.
27, '13; W P Fuller Co...Oct. 27, 1913
Oct. 28, 1913—LOT 645 Gift Map No.
3. Johann Knudsen to whom it
may concern...Oct. 22, 1913
Oct. 28, 1913—N MISSION AND NEW
Montgomery NW 160-1 1/2 NE 135
SE 160 SW 143-10 1/2. Central Bldg
Co to Haisdon Iron Wks...Oct. 21, 1913
Oct. 28, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Invest
Co to Ideal Cornice Co...Oct. 27, 1913
Oct. 28, 1913—E TWELFTH AVE 50
N Anza 25x82-6. Geo E or G E and
Mary A Mitchell to Max Hantzsche
and Fred McKay...Oct. 23, 1913
Oct. 28, 1913—NW VAN NESS AVE &
Post N 120xW 159-9. The Hecht
Invest Co to John G Sutton Co. Fish-
er & Wolfe Co and J St. Denis & Co
...Oct. 18, 1913
Oct. 28, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Clark &
Dickson...Oct. 16, 1913
Oct. 29, 1913—SE CALIFORNIA AND
Leidesdorff fronts N on California
and at rear end 107-6 and extend-
ing on E and W sides 137-6. The
Insurance Exchange Inc to The
Turner Co...Oct. 20, 1913
Oct. 29, 1913—N RIPLEY 225 E Fol-
som E 25xN 100. Giuseppe Cav-
agliari to whom it may concern...
Oct. 17, 1913
Oct. 29, 1913—E SANCHEZ 400 E
30th S 25x125. Chas Anderson to C
Anderson...Oct. 18, 1913
Oct. 29, 1913—E TWELFTH AVE 125
S "G" (Cabrillo) S 25xS 120. Wil-
liam G and Louise Gertrude Kaiser
to Leonard Youngford...Oct. 4, '13
Oct. 29, 1913—S DAY 305 W Noe W 23
S 114. Julia C Schmidt to Louis
J Roberts and John B Woolfrey...
Oct. 29, 1913
Oct. 29, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Invest
Co to H D Samuel Co...Oct. 27, 1913
Oct. 27, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/2. Sierra Invest
Co to Wm G Gilmour...Oct. 27, 1913
Oct. 30, 1913—FOUNTAIN AT EN-
trance of center line of St. Francis
Hospital and Santa Barbara Ave.
St. Francis Wood. West Gate Park
Co to Gass Bros Co...Oct. 22, 1913

Oct. 30, 1913—S BUSH 57-2 E Larkin 27-3½x92-11. The Kincanon Construction Co to whom it may concern.Oct. 30, 1913

Oct. 30, 1913—E STOCKTON 50 S Sutter E 80xS 40-8½. Sierra Inv Co to Roberts Mfg Co.Oct. 30, 1913

Oct. 30, 1913—S BRUCE 50 E Harold Ave. Joseph Brayshaw to V M Trace.Oct. 29, 1913

Oct. 30, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Monson Bros. Oct. 29; John Monk.Oct. 29, 1913

Oct. 30, 1913—NW JUDAH & 26TH AV W 32-6xN 100. Sol Getz & Sons to whom it may concern.Oct. 2, 1913

Oct. 30, 1913—SW CALIFORNIA AND Leidesdorff. The Insurance Exchange to The Dow Pump & Diesel Engine Co.Oct. 22, 1913

Oct. 31, 1913—W NOE 64 N Day N 50 xW 80. Edw Connors to Jno P Cuneo.Oct. 31, 1913

Oct. 31, 1913—E DOLORES 219-6 S 22nd S 25x137-6. Jas E and Elsie M Parnham to whom it may concern.Oct. 29, 1913

Oct. 31, 1913—S SACRAMENTO 112-6 W Walnut W 25xS 100. Catherine B Lippincott to J M Ploeger.Oct. 31, 1913

Oct. 31, 1913—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to C C Morehouse.Oct. 21, 1913

Oct. 31, 1913—W NINETEENTH AVE 225 N Balboa 25x120. James W Hansen to whom it may concern.Oct. 30, 1913

Oct. 31, 1913—LOTS 13 AND 34 BLK 1 Heyman Tract No. 2. George Tyminski to John Rodomistken.Oct. 30, 1913

Sept. 2, 1913—SE HYDE & BEACH S 35 E 137-6 N 35 W to beg. Milton S Eisner to L A Rose.Aug. 29, 1913

Sept. 2, 1913—E BAKER 55 N McAllister N 50xE 96-10½. Owen McHugh to Henry Jacks.Aug. 23, 1913

Sept. 2, 1913—S LOMBARD 110-6 W Baker. Giulio Fassia to P Prasso.Aug. 30, 1913

Aug. 29, 1913—NE POPE. 50 SE Morse — 25xNE 120 Lot 32 Blk 5 Syndicate's 1st Addition. Felix & Pilar Castaneda.Aug. 30, 1913

Sept. 3, 1913—S GRAFTON 75 W Golden State over to 125 ft. West. No. 129 Grafton Ave. John and Charlotte Leffler to Keller & Crane.Aug. 30, 1913

Sept. 3, 1913—SW RUSSIA AVE 100 NW Athens NW 25xSW 100 Blk 62 Excel Hld. A's'n. Slegmund H Friedrichs to whom it may concern.Sept. 1, 1913

Sept. 3, 1913—W NINTH AVE 100 N Clement N 75xW 120. E Ginley to whom it may concern.Sept. 1, 1913

Sept. 3, 1913—W HYDE 60 N Green 40x60. C W Hansen and Halvor Jacobsen to C W Hansen & Halvor Jacobsen.Sept. 2, 1913

Sept. 3, 1913—NW VAN NESS AVE & Oak W 157-6 N 59 W 21 N 40 E 178-6 to W line Van Ness Ave 120 to beg. Masonic Temple Ass'n to Stockholm & Allyn.Aug. 28, 1913

Sept. 3, 1913—SE RUSSIA AVE 100 NW Athens NW 25xSW 100 Blk 62 Excel Hld. A's'n. Slegmund H Friedrichs to whom it may concern.Sept. 3, 1913

Sept. 3, 1913—SE TOWNSEND 59 SW Second SW 50xSE 125. Warehouse Investment Co to A Lynch & Woods S Huddart.March 20, 1912

Sept. 3, 1913—N GREEN 65-6 E Leavenworth The George A Bos Co to Farrel & Reed.Sept. 3, 1913

Sept. 2, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 exlg on E and W sides 137-6. The Insurance Exchange Inc to McFell Elec Co.Aug. 30, 1913

Sept. 2, 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to California Elec Constr Co.Aug. 29, 13; Wm F Wilson Co.Aug. 29, 1913

Sept. 2, 1913—SW WASHINGTON & Front W 68-9xS 60. Joseph Estate Co to John E Beck.Aug. 30, 1913

Sept. 2, 1913—W GRANT AVE 84 S Union 29x65. L Ravani to G Mariconi.Sept. 2, 1913

Sept. 2, 1913—S IRVING 32-6 W 26th Ave 25x100. M Francesconi to Parnocchia Petri & Co.Aug. 29, 1913

Sept. 4, 1913—SW SANSOME AND Sutter W 69-8½ S 69-7 E 85-10½ N 19-4½. Albert Meyer and Isaac Liebes to Ralston Iron Works.Sept. 2, 1913

Sept. 4, 1913—NO LOCATION GIVEN Ernest O W Heilmann to whom it may concern.Aug. 27, 1913

Sept. 2, 1913—S CLEMENT 100 E 16th Ave E 25xS 100. Anna Smith to whom it may concern.Completed

Sept. 3, 1913—S CALIFORNIA 80 E Hyde E 28-9xS 137-6. John V Campbell to whom it may concern.Sept. 2, 1913

Sept. 3, 1913—SE ELLIS & STEINER S 87-6xE 68-9. Isabelle D Pool to E W Elliot.Aug. 29, 1913

Sept. 3, 1913—SW HARRISON & 21ST Ford Motor Co by Clinton Fireproof Co of Cal. to Murray & Mowbray.Aug. 30, 1913

Sept. 3, 1913—E BOCANA AVE 125 S Cortland Ave S 25xE 102-6 Lot 4 Joseph M Furnanz to Gust Carlson Blk 6 Fair Sub Holly Park Tract.Sept. 4, 1913

Sept. 4, 1913—S BROADWAY 57-6 E Bartol Place 40x57-6. N Capurro to J Bianchini & Co.Sept. 3, 1913

Sept. 4, 1913—S PACIFIC AVE 150 W Fillmore W 25xS 137-6. Henry Eisenberg to A Davis.Sept. 2, 1913

Sept. 4, 1913—W GUERRERO 28 N 17th. William Jacobs to John J Binet Co.Sept. 4, 1913

Sept. 5, 1913—W BAKER 112 S Lombard S 25 on W Baker. Fletcher Baker to whom it may concern.Aug. 30, 1913

Sept. 5, 1913—W DRUMM 59-1 S Washington W 75xS 32-6. Malcolm Jacobs & Burt to A M Wallen.Aug. 27, 1913

Sept. 5, 1913—SE CALIFORNIA AND Leidesdorff fronting on N California and at rear end 107-6 and extending on E and W sides 137-6. The Insurance Exchange Inc to Simonds Machinery Co.Sept. 4, 1913

Sept. 5, 1913—SE MARKET AND Ecker. Crocker Estate Co to L & E Emanuel Inc.Sept. 4, 1913

Sept. 5, 1913—N WASHINGTON 142 W Taylor 93x62-6. Frank L and Lewis C Hunter to Marcus Marcussen.Sept. 5, 1913

Sept. 5, 1913—NE TURK & LARKIN N 80 E 50 N 0-6 E 29-2 S 80-6 W 79-2. F A Meyer to Beach & Hoffmann.Sept. 3, 1913

Sept. 6, 1913—NE VAN NESS AVE & Oak W 157-6 N 59 W 21 N 40 E

178-6 — 120 to beg. Masonic Temple Ass'n of Cal. by Edward Peabody Secretary to D Zelinsky.Sept. 3, 1913

Sept. 6, 1913—SW THIRD 225 SE Folsom SE 50xSW 160. Nathan Kamp to J I Mitroffovich Bldg Co.Sept. 4, 1913

Sept. 6, 1913—SE SIXTH & MINNA E 100 S 75 W 25 N 50 W 75 N 25. Lange Investment Co to Brandon & Lawson.Sept. 5, 1913

Sept. 6, 1913—W THIRTY-SECOND Ave 565 N California N 5 N on Curved line 31-2½ W 113-9% S 35 E 120 Lot 64 Lyon & Hoag's Sub Bakers Beach Land Co. John T Murphy to Kronnick Bros.Sept. 5, 1913

Sept. 6, 1913—SE MARKET 100-0% NE Seventh NE 50-0% SE 165 SW 50-0% NW 165. J D Phelan to J Looney Co.Sept. 1, 1913

Sept. 6, 1913—S TWENTY-SIXTH 125 E Valencia 30 feet front 25 feet rear x105 feet deep. Joseph Lagomarsino to G Carraro.Sept. 5, 1913

Sept. 8, 1913—W 23.26 FT. LOT 49 and E 11.61 feet Lot 50 measured along NE line West Clay on Map of West Clay Park. Boston Inv Co to whom it may concern.Sept. 2, 1913

Sept. 8, 1913—N BUSH 137-6 E DuPont N 115 W 27-6 N 22-6 E 27-6 N 70 E 38-9 S 70 E 20 S 137-6 W 78-9. Macdonogh Estate Co to Central Iron Works.Sept. 5, 1913

Sept. 8, 1913—NW VAN NESS AVE and Oak W 157-6 N 50 W 21 N 40 E 178-6 to N Van Ness Ave — 120. Masonic Temple Ass'n. of Calif to American Marble & Mosaic Co.Sept. 5; Beach-Robinson Co.Sept. 5, 1913

Sept. 8, 1913—NE GEARY & JONES E 62-6xN 77-6. The S & G Gump Realty Co to Ira W Coburn Inc.Aug. 23, 1913

Sept. 8, 1913—S SEVENTEENTH 145 W Mission W 26-6x100. The First Norwegian and Danish Methodist Episcopal Church to Thos Ekoos.Sept. 2, 1913

Sept. 8, 1913—SW SIXTH and 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to California Artistic Metal & Wire Co.Sept. 5, 1913

Sept. 8, 1913—S MARKET 365 SW Brady SW — SE 124 NE 23 NW 124. Carmel Fallon to P Montague.Sept. 10, 1913

Sept. 8, 1913—E MASON 84 N Eddy N 25xE 68-9. Joseph N Kowalsky to Central Iron Works.Aug. 4, 1913

Sept. 10, 1913—E EIGHTEENTH AVE 255 N California N 50xE 120. E 23rd Ave 150 N California N 50xE 120. Mary Foster to O C Holt.Sept. 6, 1913

Sept. 10, 1913—S CLAY 142-6 W Hyde W 32xS 137-6. Wm W and Grace Vager to whom it may concern.Sept. 10, 1913

Sept. 10, 1913—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57. Crocker Hotel Co to Clinton Fireproofing Co.Sept. 4, 1913

Sept. 10, 1913—W HYDE 65 N Sacramento W 27x77-6. Metropolis Inv Co to whom it may concern.Sept. 10, 1913

Sept. 10, 1913—LOT 257 Gift Map No. 1. Patrick F McHugh to whom it may concern.Sept. 8, 1913

Sept. 10, 1913—NE SEVENTEENTH and Hampshire E 200xN 133-4. Lux School of Industrial Training to Sartorius Co.Sept. 6, 1913

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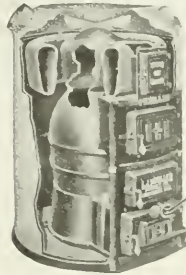
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This Week's Issue Contains a Number of
Interior Views, Main Lobby Details and
Elevation of the Beautiful New Salt Lake
City Orpheum as Designed by Architect
G. Albert Lansburgh, San Francisco.

WEDNESDAY, DECEMBER 10, 1913.

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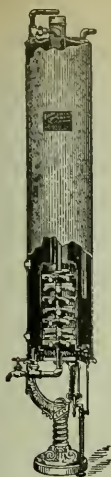
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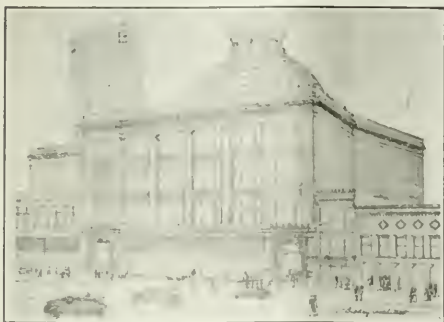
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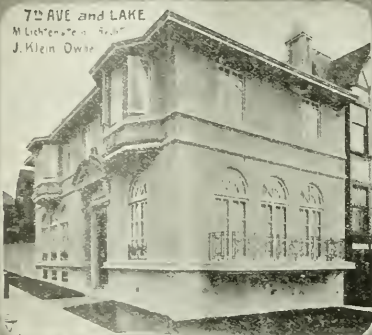
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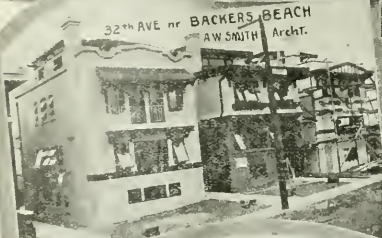
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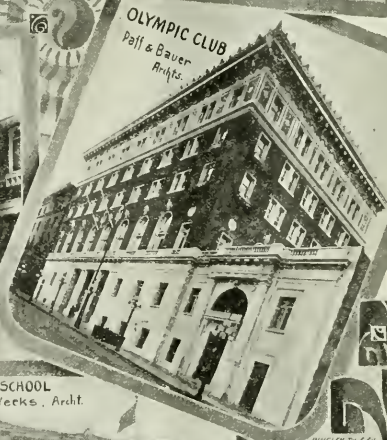
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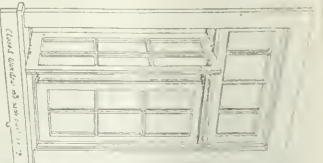


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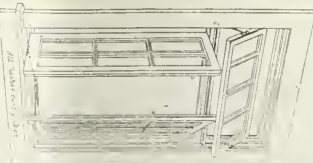
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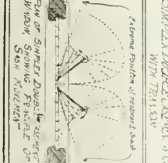
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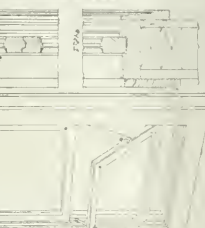
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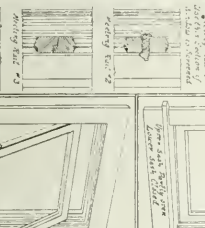
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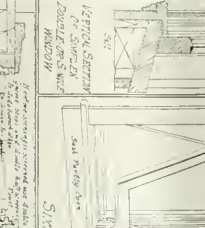
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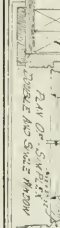
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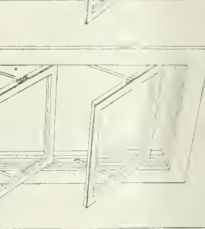
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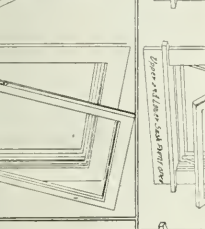
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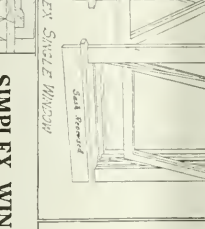
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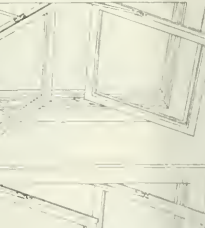
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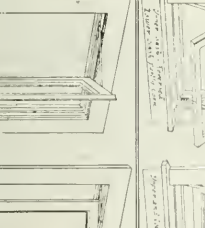
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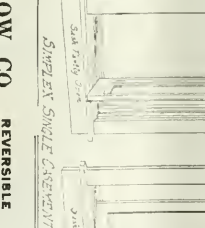
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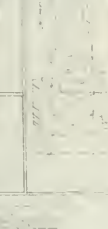
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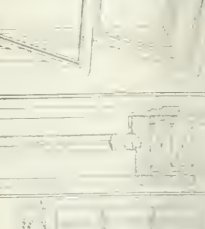
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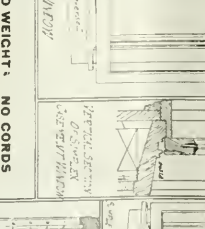
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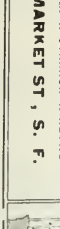
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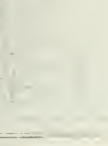
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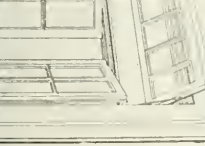
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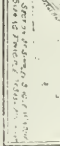
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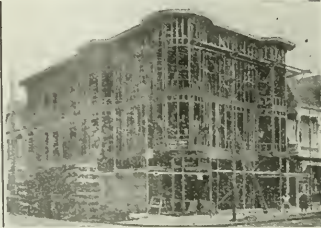


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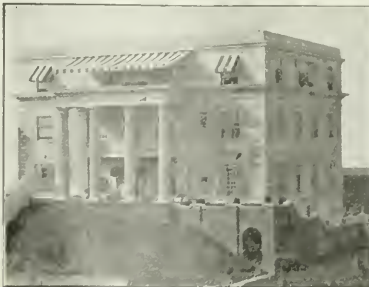


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Editorial Comment.

November is usually the saddest month of the year not only in autumn of the Eastern States, but so far as the building industry is concerned throughout the country. For then the season's rain begins and there is a general wind up of work in hand and a cessation before the next year's work begins. This year is no exception to the rule. Contracts for construction work of all kinds let in San Francisco for the past month amounted to \$1,555,232. Of this \$1,350,339 was for private work and \$204,893 for city construction. Of the private work the following division is made: Brick and fireproof buildings, \$38,455; frame construction, \$554,776; alterations and additions, \$156,817; Panama-Pacific contracts let, \$257,291.

But few contracts were let for large buildings during the month, the total amount for fire proof construction being smaller than any month since November, 1910. So that to the lack of important buildings being projected is primarily due the smallness of the building record rather than general building that has caused the total to be less than the average.

Compared with former years the record for November during the past decade is as follows:

November, 1904	\$ 896,297
November, 1905	1,159,463
November, 1906	6,733,985
November, 1907	1,482,763
November, 1908	2,604,186
November, 1909	1,807,073
November, 1910	805,938
November, 1911	2,647,318
November, 1912	2,160,945
November, 1913	1,555,232

While this year's total fell behind that of last and the year before, still it is not far below the average for the last ten years and is notably more than 1901, 1905, 1907 and 1910. So that on the whole it is about an average for the same month during the past decade.

Compared with the preceding months of the present year the record is as follows:

1913.	
January	\$2,655,990
February	2,736,813
March	2,576,576
April	3,327,581
May	2,816,935
June	2,920,306
July	3,826,998
August	2,841,917
September	2,450,589
October	2,152,909
November	1,555,232

The above figures are the total record of all the construction within the city limits of San Francisco. While there is sometimes great fluctuations from

month to month the general average is much above the two million mark. Government work and harbor construction has been an important part of the total of some months while in others it has been entirely lacking. Altogether the figures for the last eleven months amount to \$30,774,677. This is a considerable amount of money to be spent in building construction in these quiet times and in general so far as figures go the builders of San Francisco can not complain.

Whatever may be our estimate of President Wilson it is generally conceded that he has ideas of his own and that he is endeavoring to put them into practice. Also that he is not trying to run the government in the interest of any set of men, but for the general good. In other words that his heart is right and that he is seeking to solve the big problems that confront him on the broad ground of statesmanship. In reference to the Mexican situation Joseph H. Choate, the noted attorney of New York and former ambassador of Great Britain, spoke recently at the annual banquet of the New York Chamber of Commerce as follows:

"You may call it diplomatic business, you may call it executive business, but it is fair to presume that the President is in possession of information vastly superior to that which even all of the members of the Chamber of Commerce possess. He knows what he is about. He knows what he is aiming at.

One thing we are sure of—that he is for peace, that he is for preserving peace at all hazards, and that by no act of his shall this Nation be plunged into a destructive and dreadful war. He is entitled to support from us without regard to party and without regard to creeds. We must stand by our President through thick and thin, and we shall come out right in the end."

If the Hearst papers would copy the above statement and proceed along the lines there indicated a great deal more judgment would be shown and the illustrious William Randolph might be credited with a little sense.

Sacking of Indians, Senator Weeks is reported as leading the debate against the Hetch-Hetchy grant in the Senate. In the common expression of the day, he certainly is some Indian. His own native city of Los Angeles has contested the Owens River project and thought of long after our own Hetch-Hetchy project was commenced. Certainly San Francisco and California will have good reason to remember Senator Weeks. Elected as a Progressive he has been like a brick, drag on a heavy load. He has achieved his end of notoriety as obstructionist. He has a hieved about as much as a

trouble making woman who is building a house and causes the plumbing to be torn out, the plastering to be torn off and the whole building rebuilt with the result that nobody is satisfied and the builder goes broke. The newspaper men have named him "Nancy Works" and not without good reason.

With reference to an adequate water supply for an urban population, the discussion of which is now up before the United States Senate, it is interesting to learn some facts about the source and amount of water supplied to Rome during the time of the emperors or about the year 500 A. D. At that time there was average daily supply to the imperial city that amounted to 100 gallons per capita. And in bringing in this great supply the constructive genius of the Romans of the days of the Caesars is well shown. And with reference to this great construction the following excerpt from a recent editorial in the Scientific American is of particular interest:

"Consider this matter of water supply. Any one who is not fully conversant with the luxurious life of that great people might readily suppose from the statistics which we have given above, that they were afflicted with a positive mania for aqueduct building. Nothing of the kind. The Romans had a full appreciation of the value of an abundant supply of pure water, as ministering to the health, the pastimes and the artistic delight of a city of one million souls. The Romans of Imperial days had a passion for cleanliness of body, and the stupendous public baths such as those of Trajan, Diocletian and Constantine, were capable of accommodating at one time from 1,500 to 2,500 bathers. Says Prof. Lancini: 'If we take 1,500 people as the average accommodation of each of the public thermae and 50 as that of each of the private baths, we find that in ancient Rome at any given time, nearly 62,000 citizens could restore their strength in the waters of every nature and description.' The water in Rome was the property of the crown, and it was led to the private houses by thousands of pipes, which ran in every direction and under every street, and were stamped with the name of the 'Concessionaire' to whom it was brought from the nearest crown-reservoir.

The Roman was nothing if he was not artistic, and huge draughts were made upon the city supply for the magnificent series of public fountains as he graced the public squares and plazas, and were to be found casting forth the mountain waters from every point of vantage. To these must be added the thousands of fountains which played in the gardens and courts of houses and villas of pretention, to the cooling of the city which was necessary to maintain the beautiful cascades and silent pools which formed one of the most lovely attractions of a Roman garden.

To the engineer and artist alike, the most attractive feature of the water supply of Rome is the aqueducts, the remains of which, in many a mile of picturesque ruins, radiate across the desolate and solitary waste of the once fertile Campagna in the direction of the distant hills. Of these aqueducts there were eleven, or if we include the

tributaries, fourteen in all. Their individual length varied from a minimum of eleven miles to a maximum of fifty-nine miles. Their total length was three hundred and fifty-nine miles, and of this, three hundred and four miles were below ground and fifty-five miles were carried on monumental arcades of masonry, much of which has survived practically intact for upward of two thousand years.

The question may be asked as to why the Roman engineers built these grade-line aqueducts, bringing the water across the Campagna in costly elevated artificial river beds, when they might have built conduits that followed the undulations of the country and were sunk only a few feet below the surface. The answer is that the Romans had no cast iron or other suitable material to construct the strong piping which would have been necessary to withstand the pressures. They were acquainted with the principles of the siphon; indeed they built many notable specimens, one of which, that of Alatri, built a century and a half before the Christian era, was capable of supporting, we are told, a pressure of 140 pounds per square inch.

Let it be understood, furthermore, that the Romans did not merely divert the water from the river beds into their aqueducts, thereby exposing the supply to contamination by the mud and silt of the river floods. On the contrary, they thoroughly understood, and practiced on a grand scale, the art of impounding the supply by means of artificial dams. Thus the valley of Anio was dammed at three successive places, and at each dam was found an artificial basin, in which the water deposited its sediment and from which it was led off, clear and pure, to the city. Also, the Roman engineers understood all about tunnel construction; and in one case, between Tivoli and S. Gerolamo, a tunnel some three miles in length was driven through the mountain simply for the conveyance of the water.

All of which reads very much like some of those descriptions which we have published recently in these columns of the great water supply systems of Los Angeles and New York."

The arguments advanced by some of the Senators from other states in regard to the water supply of San Francisco is certainly enlightening to say the least. Senator Poindexter, from Washington, is quoted as saying that the Spring Valley Water Company could furnish San Francisco with more water than it would need for the next sixty years and better water than it could get from Hetch-Hetchy. Senator Clark, of Wyoming, opposed the measure because of the land conditions imposed upon San Francisco, maintaining that it was an outrage to charge the city such an enormous amount for a few acres of worthless land.

About the only legitimate objections that can or have been made is that of a few farmers in the San Joaquin Valley, who think that they will be deprived of some water for irrigation purposes. The amount of water they would get is comparatively small and the damage to any irrigated land is an absolute negligible quantity as compared to the great benefit to be derived by the people of the bay cities.

Meanwhile the oligarch in the woodpile

is Spring Valley and the fly-up-the-creek promoters who want to sell some other supply to the city. And behind all the arguments that come from the distinguished Senators, the persons that pull the strings of these manikins are the people that are privately interested. And all the while our own dear Nancy Works is on the job attracting attention to himself for the brief period of his political life by trying to prevent the chief city of his own state from securing the most vital need of its existence. Surely the people of San Francisco should take up a collection and erect to his memory a tablet of solid brass surmounted by a solid ivory skull.

Seaweed has been found to possess valuable qualities as a fertilizer. And enterprises have been projected to procure potash from the plant to be used for commercial purposes. In some of the older countries bordering on the ocean industries have been developed in its commercial use. In a recent consular report is described the industry of seaweed burning in Norway. An enormous amount of seaweed is deposited on the coast by the waves in spring, and in some places the weed is cut by boatmen. Two-wheeled wagons are loaded with the wet, slimy weed, which is taken up the beach and spread out like hay to dry. It is then raked up in heaps and burned. The ashes are exported to Scotland, where they are used in the manufacture of iodine, and sell for 1.3 cents a pound. For the past 45 years seaweed ashes have been exported regularly from Stavanger to Scotland to the extent of 1,500 tons and upward per annum. This industry is an important source of revenue to the peasants who are fortunate enough to possess riparian rights, and attempts to purchase such rights from their hereditary owners rarely succeed. For a time the burning of seaweed was prohibited through the influence of the fishermen, who declared that this practice drove the fish away from the coast.

Dictator Huerta is said to be of pure Indian blood.

According to report, he has a marked fondness for firewater — drinks champagne at breakfast, followed by brandy. And it is said that on the day he was proclaimed President he was too drunk to attend the ceremony.

Many tales of cruelty, bad faith and ruthless orders for "removal" of opponents are related of him, and he is described as in general a most thoroughly mercenary and unscrupulous scoundrel.

The above is a newspaper report. However much it may be true and authentic as to his ancestry and traits of character it seems to be borne out by results. And as time goes on events seem to reveal him to be an "Indian" in every sense of the word.

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THE FEDERAL INCOME TAX

An Assembling and Analysis of the Provisions of the New Revenue-Imposing Statute, With Suggestions as to How It Should be Obeyed.

By Joseph J. Scott, Collector of Internal Revenue.

If two vital distinctions are kept in mind in considering the new Federal Income Tax, little difficulty will be experienced in understanding its scope and the method of its operation. The specific regulations providing the process by which the Government will assess and collect the tax cannot be detailed in full here, but perhaps an indication of their application can be given that will be sufficient to inform the tax-payer in general of his liability and his duties. In short, the purpose of this analysis—if it may so be termed—is to reduce the rather technical phraseology of the statute to the simple language of every-day affairs, to summarize the requirements of the law and suggest how they can most conveniently be obeyed by the thousands of persons and corporations from whom the tax will be collected in California.

As just stated the law clearly defines two divisions of the tax that should be understood at the outset and ever kept in mind. It provides a normal tax of one per cent. on all net incomes in excess of certain specified exemptions and deductions, and an additional, or graduated, tax on incomes in excess of \$20,000 a year, with the percentage of payment increasing as determined stages of prosperity are reached and passed. That is one of the distinctions noted above; the other is to be found in those provisions of the law that make the status of the individual so different from that of the corporate taxpayer by assessing against the individual both the normal and (where the income justifies it) the additional tax, while levying on the corporate taxpayer only normal tax.

These two distinctions should, therefore, be given constant thought as the reader follows the definitions of the scope of the law as to "persons" and "corporations." The term "Persons" is employed to designate individuals as contrasted with corporate tax payers, while under the term "Corporations" are assembled all corporations, joint-stock companies or associations and insurance companies. Thus, the general reference to "persons" and "corporations" in the following digest may be understood.

Personal Income Tax.

Inasmuch as the tax on the incomes of individuals will affect the greatest number it is given primary consideration. And the first question to answer is: Who is required to pay the tax? Succinctly stated, the answer is:

Persons Affected.

1. Every citizen of the United States, whether residing at home or abroad.
2. Every resident of the United States, though not a citizen.
3. Every resident of a foreign country deriving income from the United States.

Rates of Taxation.

Any person coming under any one of the above headings will be taxed on income according to the following scale:

1. Normal tax of 1 per cent. on all income in excess of \$3,000 a year.

2. Additional tax according to the following scale:

(a) One per cent. upon the amount by which net income exceeds \$20,000 but does not exceed \$50,000.

(b) Two per cent. upon the amount by which net income exceeds \$50,000 but does not exceed \$75,000.

(c) Three per cent. upon the amount by which net income exceeds \$75,000 but does not exceed \$100,000.

(d) Four per cent. upon the amount by which net income exceeds \$100,000 but does not exceed \$250,000.

(e) Five per cent. upon the amount by which net income exceeds \$250,000 but does not exceed \$500,000.

(f) Six per cent. upon the amount by which net income exceeds \$500,000.

Who Make Returns.

Who, then, must account to the Government? Who must render to the collector of internal revenue a statement, in detail, showing gross income, the allowable exemptions and deductions, if any, and, computed therefrom, net income? The law, in general, makes the liability in this respect attach as follows:

1. Every person of lawful age having a net income of \$3,000 or more a year.

2. Guardians, trustees, executors, administrators, agents, receivers, conservators, and others (persons or corporations) acting in a fiduciary capacity—the return to be made of the income under their control as if they were reporting for themselves.

Such is the comprehension of the law and any exceptions to its operation must be based on an accounting for the individual's tax as withheld at the source.

What Is Taxable Income?

Having determined who are accountable to the Government, the next question is: What will the Government regard as income subject to taxation, or as constituting gross income from which the taxable net income is to be computed? The answer sweeps the field of human endeavor, the law taking cognizance of the following:

1. Gains, profits and income derived from salaries, wages, or compensation for personal services of any kind.

2. From professions, vocations, business, trade and dealings in real and personal property.

3. From interest, rent, dividends or securities, and the income from, but not the value of, property acquired by gift, bequest or descent.

Receipts Not Taxable.

There are, however, certain notable items of common receipt or income that are exempt from the tax.

1. The proceeds of life insurance policies received by the beneficiary upon the death of the insured need not be accounted for, and under the same tax-free provision come payments made to an insured person on endowment or annuity contracts.

2. Interest on the bonds of a State or any political subdivision of the State, or on the bonds of the United States, or any of its possessions, is likewise exempt. This provision covers practically all bonds of a public character.

Computation of Net Income for Persons.

As a basis for the assessment of the normal tax of one per cent., the net income of persons will be computed by deducting from gross income (as heretofore defined under the heading "What Is Taxable Income?") the following items:

1. The necessary and actual expenses of carrying on the person's business, whatever that business may be. This allowance must be distinctly understood, however, as not including personal, living or family expenses.

2. All interest paid during the year on indebtedness.

3. All National, State, county, school and municipal taxes, but not those taxes assessed against local benefits. By "local benefits" are meant, for instance, street improvements, sewerage and similar betterments by which the value of a particular property is assumed to be enhanced to an amount equal to the assessment for the benefits against the owner of the property.

4. Losses suffered in trade or by fire, storm or shipwreck, during the year, and not compensated for by insurance or otherwise.

5. Debts due the taxpayer ascertained to be worthless, and charged off within the year.

6. A reasonable allowance for exhaustion, wear and tear of property through use. In the case of mines the allowance for depletion of ores and other natural deposits shall not exceed 3 per cent. of the value at the mine of the output for the year. This provision also covers oil wells. Under no circumstances will any expenditure for permanent improvements or new buildings be allowed as a deduction, it being assumed that such expenditures increase the value of the property.

7. Dividends on the stock or from the net earnings of any corporation taxable on its net income.

NOTE.—This deduction is allowable only insofar as the computation of net income for the normal tax is concerned. The individual is required, however, in making return to the Government, to account for income from dividends. While these dividends are once subjected to the normal tax by direct assessment against the income of the corporations paying them and while they cannot be doubly burdened with the normal tax, still, in many cases they are contributory to personal incomes in excess of \$20,000 a year and therefore must be considered for the purpose of the additional tax. The return of them by individuals is therefore required.

8. The amount of income or when the normal tax has been paid or withheld for payment at the source.

NOTE.—This, too, may later con-

tribute to income subject to the additional tax, and so must be accounted for in the personal return, even though it be as a deduction in respect to the normal tax.

9. General exemption of \$3,000. Then \$1,000 extra if the person making the return have a wife living with him, or a husband living with her. However, should both husband and wife have taxable incomes and be living together, the total exemption is \$4,000.

Corporation Income Tax.

The first thing to be noted in respect to the assessment of the income tax against corporations is the absence of any provision for an exemption, as in the case of persons. Under the special excise tax law of August 5, 1909, corporations were given the benefit of an exemption of \$5,000. The income tax law, however, requires that those corporations organized in the United States pay the normal tax on entire net income, and that those corporations organized under the laws of a foreign country pay the normal tax on all the net income accruing from business transacted and capital invested in the United States.

Corporations Exempt.

Certain corporations are exempt. They are noted below:

1. Labor organizations.
2. Agricultural and horticultural associations.
3. Mutual savings banks not having capital stock represented by shares.
4. Fraternal beneficiary societies and orders.
5. Domestic building and loan associations.
6. Mutual cemetery companies.
7. Religious, charitable, scientific and educational associations.
8. Chambers of commerce, boards of trade and civic organizations in general.

Computation of Net Income for Corporations.

In so far as domestic corporations are concerned, net income will be ascertained by deducting from gross income the following items:

1. All ordinary and necessary expenses for maintenance and operation, including rent.
2. All losses actually sustained and not compensated for by insurance or otherwise. Here will be considered a reasonable allowance for depreciation for use, wear and tear of property, if any. In the case of mines the allowance will be figured as heretofore noted in determining the net income of persons.
3. Amount of interest accrued and paid within the year on indebtedness to an amount of three hundred dollars not exceeding one-half the sum of its interest-bearing indebtedness and its paid-up capital at the close of the year.
4. If no capital stock, the amount of interest paid within the year on an amount of its indebtedness not exceeding the amount of the capital employed in the business at the close of the year.
5. In the case of banks, loan and trust companies the interest paid on deposits or money received for investment and secured by certificates. As to its indebtedness wholly secured by collateral which is the subject of sale in the ordinary business of the corporation the total interest secured and paid.
6. All taxes paid on assessments levied under the authority of the United States, or any State, or foreign government.

Foreign Corporations.

The same system will be followed in ascertaining the net income of corporations existing under the laws of a foreign country except that cognizance will be taken only of that part of the corporation's income accruing from business transacted and capital invested in the United States.

Special Allowances for Insurance Companies.

In this connection insurance companies are covered by certain special provisions which may be summarized as follows:

1. Insurance companies in making returns can deduct from gross income the net addition, if any, required by law to be made within the taxable year to reserve funds; also the sums other than dividends paid on policy and annuity contracts.
2. Mutual fire insurance companies need not return as income any portion of premium deposits returned to policyholders, but must return as taxable income all income received by them from all other sources, plus those portions of the premium deposits retained by the companies for purposes other than for loss, expenses, and reinsurance reserves.
3. Mutual marine insurance companies can deduct amounts repaid policyholders on account of premiums paid or on account of interest accruing on such amounts between the time of becoming due and payment.
4. Life insurance companies need not include as taxable income that portion of any premium paid back or credited to a policyholder, or treated as an abatement of premium.

Collection at the Source.

Of more immediate interest than any other feature of the Income Tax law is that provision regarding the collection of the normal tax of one per cent. at what is known as "the source of income." While neither persons nor corporations will have to file their returns of income at this time (the law allowing them until March 1, 1914), still both persons and corporations have a keen interest now in the statute's requirement that the tax be withheld at the source, persons because they are principally affected by the withholding of the tax on their incomes and corporations because the liability for withholding, in the main, attaches to them.

Income Subject to Withholding Provision.

The general provision is that the normal tax of 1 per cent. shall be withheld by all persons, firms, copartnerships, companies, corporations, joint-stock companies or associations, and insurance companies, in whatever capacity acting. This also applies to lessors or mortgagors, of real or personal property, to trustees, executors, administrators, agents, receivers, conservators and employers, having the control, receipt, custody, disposal, or payment of interest, rent, salaries, annuities or person exceeding \$3,000 for the wages, premiums, annuities, or other fixed or determinable annual income of taxable year.

Withholding Tax on Interest on Bonds.

The general provision of the law must, however, be explained in some detail as it affects the deduction at the source of the 1 per cent. on bond interest. The responsibility here rests

mainly on the banks, but the application of the law is of keen interest to every bondholder. The persons concerned under this provision are all citizens of the United States, wherever they reside, and all residents of the United States, even though they not be citizens.

The law makes the debtor corporation—that is, the corporation which has issued the interest-bearing bonds or securities—the source. Or, if the corporation has appointed, or desires to appoint, a paying agent, the Government will look to the paying agent as the source.

When Tax Shall Be Withheld at Source.

For the purpose of collecting the normal tax on all coupons and registered interest originating or payable in the United States, the debtor corporation (the corporation of issue), or its paying agent, is required to withhold the tax. Note in this respect that the Government goes back to the actual source of the interest in placing liability. Such, at least, is the basis on which the Government will proceed. There are, however, certain conditions affecting this situation to which the closest attention should be given, as they are detailed here as simply as possible.

Must Identify Coupons.

The first condition is that the debtor corporation (or its paying agent) must withhold the tax, and that no other bank, trust company or individual taking coupons or interest orders for collection, or otherwise, shall withhold the tax; provided the coupons, or interest orders, when deposited with the bank are accompanied by certificates showing their owners. In other words, the person taking his coupons to a bank for collection must fill out the prescribed certificates by which the identity of his coupons will be preserved as they pass on to the corporation owing the interest.

When First Collecting Agent Withholds Tax.

There will be circumstances, however, in which the first bank or other collecting agency receiving the coupons or interest orders will be required to withhold the tax. In the event the coupons are not accompanied by a certificate of ownership—when presented possibly by some person other than the owner—the bank first receiving them shall attach its own certificate giving information as to either the owner or the person presenting them. This first bank shall then itself deduct and withhold the tax and, in transmitting the coupons for collection, so endorse them that the paying corporation or its agent will not again make a deduction for the tax.

It is patent that under such requirements as to identity, the bank receiving coupons will have to insist upon knowing either the owner or the person presenting the coupons.

Must Deduct Tax From Registered Interest.

A corporation whose bonds may be registered, both as to principal and interest, is required to deduct the normal tax of 1 per cent. before sending out checks for interest or before honoring interest orders, under the same theory as that governing deductions from coupons.

Exemptions Claimed in Presenting Coupons.

In circumstances that leave the final

adjustment to the Government when both personal and corporation returns of income will be checked up, exemptions can be claimed by persons presenting their coupons for payment or to whom payments of interest on any of the obligations of corporations are due. For this purpose special forms of certificates have been prepared and will be found in the hands of the banks. Those who may avail themselves of this privilege can be classified as follows:

1. A citizen or resident of the United States, who is the owner of the securities, and who claims the exemption of \$3,000, or \$4,000, as the case may be.

2. By a corporation taxable on its own net income.

3. By an organization exempt from taxation.

4. By a resident and citizen of a foreign country.

The certificates must be filed with the bank or the paying corporation. All the certificates will eventually reach the Collector of Internal Revenue and with the information they contain will contribute to an equitable assessment and collection of the income tax in compliance with the full letter of the law.

Tax on Foreign Interest.

The normal tax on interest on foreign securities will be withheld by the bank or other agency that collects such income by means of coupons, checks, bills of exchange, etc. This applies also to the collection of dividends from foreign investments. Exemptions are claimable by certificate virtually as in the case of domestic securities.

License Required.

The Government requires that the bank or agency making foreign collections obtain a license to cover its transactions. It must make application for this license to the Collector of Internal Revenue, and file a proper surety bond with him. (Note.—A provisional ruling has extended the time for filing bond to December 1, 1913, but application for the license must be made before further foreign collections are undertaken.)

In this respect, the Government will expect the banks to keep full records of their collections, with accurate information as to persons for whom they act.

Collection of Tax.

As to the actual collection of the tax,—that is, the fulfillment of the requirements of the law in all its respects for a taxable year—the duties of the taxpayer are simple.

Returns of incomes, under oath, must be in the hands of the Collector of Internal Revenue not later than March 1.

The tax will be due June 1 and will become delinquent June 30, when a penalty of 5 per cent. will accrue with interest at the rate of 1 per cent. a month.

For persons the calendar year will be the taxable year. A corporation may, however, base its return on and pay its tax for its own fiscal year, if it prefer to do so.

Notable Provisions.

There are in the law several other provisions of far more than ordinary interest. Briefly they can be stated as follows:

Securities Exempt.

The interest on all bonds of the United States or of a State or any political subdivision of a State will be

excluded in ascertaining taxable income.

Persons Exempt.

Exempt from the tax are the salaries of the present President of the United States and Federal Judges, and of all State, county and municipal officers and employees.

When Corporations Pay.

In many cases corporations have issued their bonds with guaranties that the interest shall be free from taxation. The law takes cognizance of this and in such circumstances places the burden of the tax on the corporation instead of on the bondholder.

Undivided Profits.

Undivided and undistributed profits will be considered in ascertaining the net income of persons.

Accumulation of profits for the purpose of evading the law will not avail, because the fact that profits are allowed to accumulate beyond the reasonable needs of a business will be regarded as prima facie evidence of a fraudulent purpose.

In this connection it should be noted that the law deals with the persons in a partnership as individuals.

Penalties.

Severe penalties are provided for neglect or refusal to obey the law, and for any false or fraudulent representation made with intent to evade the tax and defraud the Government. Of course, the Government reserves the right to investigate any return of income made by either a person or corporation.

The Tax for 1913.

The tax for the year 1913 will be collected for that part of the calendar year beginning March 1 and ending December 31. All deductions and exemptions will be figured on a five-sixths basis in order to arrive at five sixths of the net income, which, for 1913, will be regarded as the taxable income.

PREVENTION OF ACCIDENTS IN TEXTILE MILLS.

[Consul Benjamm F. Chase, Leeds, England.]

The superintending inspector of factories for the Leeds district has presented an agreement between representatives of employers and employees and the inspectors concerning the fencing of machinery and the prevention of accidents in woolen and worsted mills. The article as summarized by the press is in part:

The machines dealt with cover practically the whole of the machinery used in manufacture of woolen and worsted from the wool, or in the case of woolen or shoddy, from the rags which are torn up, to the finished cloth, excluding dyeing, in which industry Mr. Hine (the inspector), through it well that a separate conference should be held later. The subjects which were discussed included fencing machinery, cleaning machinery, cleaning floors of factories, lighting of workrooms, lifting heavy weights, temperature, and periodical examination of machinery. Mr. Hine drew up suggestions on all these points which were considered separately, and an agreement on most of them was reached. The report sets out in detail the points of agreement, and they include the following provisions—

1. On new machinery all projecting setscrews on continuously revolving

parts shall either be countersunk or be otherwise efficiently protected; where projecting setscrews are placed inside box-pulleys they shall be deemed to be efficiently protected. Projecting setscrews on existing machinery to be fenced unless safe by position.

2. Ladders, other than stepladders, shall be fitted with hooks or other nonskid device; provided that in mule spinning rooms, or in rooms where persons work with bare feet, ladders shall not be fitted at the bottom with spikes.

3. Heavy overhead main-driving belts shall be guarded underneath in all cases where there is liability of persons having to pass under them.

4. Fencing for all toothed wheels shall, as far as practicable, completely surround the wheel, so that there is no danger of any accident between the wheel and the guard itself.

5. All representatives present were of opinion that it was most desirable that women and girls working amongst machinery should have their hair put up, or otherwise confined in a net, and all agreed to use their best endeavors to see that this is done.

6. All firms are to be urged to keep a supply of sterilized dressings which shall be kept available for first aid for any operative who receives a cut or wound.

7. Cleaning machinery in motion was considered by all to be dangerous practice, and should be avoided.

8. Floors of machine rooms and stairs to be kept clean and free from grease as far as practicable.

9. Periodical examination of machinery. Some person in each mill to be told off to examine, at least once a month, fencing of machinery and mill gearing, maintenance of proper temperature and ventilation, compliance with special rules and regulations, means of escape in case of fire, fire-extinguishing appliances, and condition of the sanitary conveniences.

10. Lifting of heavy weights. Children and young persons should not be required to lift weights which exceed for—Girls under 13 years, 16 pounds; between 13 and 14, 20 pounds; between 14 and 16, 35 pounds; boys under 13, 24 pounds; between 13 and 14, 30 pounds; between 14 and 15, 40 pounds; between 15 and 16, 50 pounds.

The report also sets out the detailed nature of the fencing to be applied to woolpreparing machinery, carding machinery, self-acting mules, wash bowls and washers, grill boxes, drawing and roving frames, spinning tring (up or flyer), twisting frames, looms (woolen and worsted), wrapping mills, and finishing machinery.

With regard to looms it was agreed that shuttle guards should be provided for box looms of all descriptions; all looms of any description running at 100 picks per minute or over, all looms with a space of 30 inches and over and such types of looms as the frequency accidents shows to require guards.

RECOVERING FROM ILLNESS.

Ed. M. Grater, of Manchester, and the Contingent Plasters are recovering rapidly from a very serious illness. For a time it was feared that he would pass in 14 weeks. However, to an exceptionally strong constitution and proper medical attention, he is now on the road to health.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

MARSHFIELD, ORE.—Apartment house, 2 story and base, brick and reinforced concrete. Cost not stated. Architect, Newton C. Grant, Chamber of Commerce Bldg., Portland. Owner, C. A. Melvin. The building will be erected on a corner site and has been designed to contain a number of two and three room suites, all of which will have private bath rooms and wall beds. Interior finish will be of pine and redwood. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architects, Fabre and Bearwald, Merchants' National Bank Bldg., S. F. Owner, A. Artus. The building will be erected on Pacific avenue west of Jones and has been designed to contain six suites of three rooms and bath each. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat, a hot water supply and vacuum cleaning. All suites will be equipped with wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 3 story and base, brick, \$35,000. Architect, Lewis M. Garden, Phelan Bldg., S. F. Owner represented by E. M. Meyers, Richmond. The building will be erected at the corner of Elmer and Macdonald avenues covering an area of 50 by 100 feet. Interior has been arranged for suites of two and three rooms with wall beds and private baths. There will be steam heat, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Interior finish of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

PASADENA, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Louis Du P. Millar, St. Louis Bldg., Pasadena. Owner's name withheld. The building will be erected on Fair Oaks avenue covering a large ground area. Plans provide for a garage and seven stores on the first floor. Upper floor will be arranged for two suites of three rooms and 25 single rooms with eight baths. There will be steam heat and a hot water system. A number of the single rooms and both suites will be equipped with disappearing beds. Interior will be finished in pine and redwood. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGES AND DAMS.

TACOMA, WASH.—Viaduct, reinforced concrete and steel, \$400,000. Engineer, Engineering Department of Oregon-Washington Railroad and Navigation Co. Owners, Oregon-Washington Railroad and Navigation Co. Plans have been received by Attorney Walter Christian in Tacoma for the reinforced concrete viaduct which is to be erected by the above mentioned railroad across the city waterway. Bids will be called for about January 1st. Further mention will be made in these columns at that time.

CHURCHES.

SAN FRANCISCO—Church, 1 story and base, frame, \$10,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, African M. E. Church. This new building will be erected at the corner of Geary and Webster streets and will contain a main auditorium seating 350 people, a pastor's study and social rooms. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are complete and figures will be called for at once.

OAKLAND, CAL.—Church, 1 story and base, brick or reinforced concrete, \$60,000. Architects, Coxhead & Knowles, Hearst Bldg., S. F. Owners, Plymouth Congregational Church. A new site has been secured at the corner of Picramont and Laurel avenues and plans are rapidly being completed for the new structure. Design is in the English Gothic style and the building will be in the shape of a Greek cross. The sum of \$45,000 has already been raised and the balance is promised. Construction will not be started until February or March and it is hoped to complete the building by August of next year. Details of construction are not available at this time. Further mention will be made of the work.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 and 2 story, brick and steel, \$100,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Congregational Church of Long Beach. Contractor, C. T. McGrew, 2501 East 14th street, Long Beach, general construction. Contract price, \$100,000.

FACTORIES & WAREHOUSES.

STOCKTON, SAN JOAQUIN CO., CAL.—Warehouse, 2 story and base, brick, \$10,000. Architect, none. Owner, Mary P. Marshall, 345 South American street, Stockton. The building is to be erected near the Southern Pacific tracks and will cover a considerable ground area. Interior will be left unfinished. Construction will be of the extra heavy type with considerable structural steel. There will be metal window sash and frames and fireproof doors. Exterior of the building will be faced with stock brick. Plans are complete and

the work will be done by Day Labor.

PORTLAND, ORE.—Factory group, 1 and 3 story, frame, \$100,000. Architect's name not given. Owners, Pacific Furniture Specialties Mfg. Co., Lumber Exchange Bldg., Portland. A group of several buildings will be erected on property at the intersection of 27th and Morgan streets. The first building on which work will be started immediately, will be a three story structure covering an area of 60 by 100 feet. Construction will be of the heavy frame type. As soon as this building is completed work will be started on both buildings. Plans are being prepared and all contracts will be let by the owners.

SEATTLE, WASH.—Factory addition, 2 story and base, reinforced concrete, \$25,000. Architect, V. W. Voorhes, Eitel Bldg., Seattle. Owners, A. F. Ghiglione & Sons. The addition will cover an area of 90 by 33 feet and will be practically fireproof throughout. There will be metal window sash and frames. Plans provide for steam heat, elevator service and a drying system. Interior finish will be of pine. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Laundry, 2 story and base, reinforced concrete, \$12,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Ellis street near Jones covering a considerable ground area. The entire first floor will be occupied by the laundry. Upper floor will be arranged for flats. Interior finish will be of pine and redwood. A cement floor will be used on the ground floor. Special laundry machinery will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

FIRE HOUSES AND JAILS.

Contracts Awarded.

OAKLAND, CAL.—City Jail equipment, \$30,000. Architects, Hornbostel & Jones, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Pauly Jail Construction Co. Contract price, \$30,127.

SAN FRANCISCO—Fire house, 2 story and base, brick and reinforced concrete, \$30,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Newsum, Wold & Kohn, S. F., general construction Engine House No. 48. Contract price, \$29,555.

FLATS.

SAN FRANCISCO—Flats and store, 2 story and base, frame. Cost not stated. Architect, Theo. W. Lenzen, Humboldt Bank Bldg., S. F. Owner, R. C. Bingley Jr., 573 Mission street. The building will be erected on the east side of 9th avenue between I and J streets. There will be one store and a living apartment on the first floor and a large modern flat on the second floor. Interior finish will be of pine and redwood throughout. Oak floors will be used in the living room. There will be an open fire place and brick mantel. Bath room will have tile wainscot. Exterior of the building

will be covered with rustic and ship-lap. Plans are being prepared. A general contract will be let.

SAN FRANCISCO—Flat and store, 2 story and base, frame, \$2,500. Architect, none. Owner, John F. Haner, 3579 19th street, S. E. The building will be erected at the northwest corner of Geneva and Vienna streets and will contain a store on the first floor and a flat of five rooms above. Interior will be finished in pine throughout. Oak floors will be used in the living and dining rooms. There will be an open fire place with tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FRESNO, FRESNO CO., CAL.—Flats, 2 story and base, frame. Cost not stated. Architects, Smith, Stewart & Glass, 244 Kearny st., S. F. and Republican Bldg., Fresno. Owner, George Schorting, Fresno. The building, which has been designed for a high class residential flat building, will be erected at the corner of K and Stanislaus streets. Interior has been arranged for four modern flats of six rooms and bath each. Open air sleeping porches will also be a feature of the building. Interior will be finished in pine with hardwood floors in the principal rooms. Each living room will have an open fire place. Baths will have composition floors and tile wainscot. Exterior of the house will be covered with rustic. Plans are being prepared.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, brick. Cost not stated. Architect, none. Owner, P. T. Prather, care of Don Lee, California and Van Ness ave., S. F. The building will be erected at the northwest corner of Market and Polk streets and has been designed for a station where machines can stop to fill gasoline and make minor repairs. Construction will be of the Class C type. There will be a cement floor and exterior faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, Mayberry and Parker, Pacific Electric Bldg., L. A. Owners, Park Estate. The building will be erected on Gartland avenue south of Seventh street and has been designed for a commercial garage. The structure will cover an area of 27 by 147 feet. A cement floor will be used. Interior finish will be of pine throughout. Steel roof trusses and metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 story and base, brick, \$15,000. Architects, Garrett and Farrell, Currier Bldg. L. A. Owner, Mr. Irving. Contractor J. W. Morrison, Builders' Exchange. A. Contract price, \$15,000.

GOVERNMENT WORK AND SUPPLIES.

Albany, Oreg., Post Office.
The following bids were received by

the supervising architect, Treasury Department, Washington, D. C., November 26 for the construction, complete, of the U. S. post office at Albany, Oreg.: Sound Construction & Engineering Co., Seattle, Wash., limestone, \$63,869 sandstone, \$61,869.

J. H. Wiese, Omaha, Neb., limestone, \$64,770; sandstone, \$63,180.

The Campbell Building Co. of Utah, Salt Lake City, Utah, sandstone, \$57,776.

Arthur W. Kutsche, Portland, Oreg., limestone, \$76,000; sandstone, \$76,000.

Fred Ericsson, Salem, Oreg., limestone, \$58,975; sandstone, \$57,450.

George Isaacson, Portland, Oreg., limestone, \$75,000.

Baumberg & Mattson, Astoria, Oreg., limestone, \$62,390; sandstone, \$62,390.

J. H. Tillman, Portland, Oreg., limestone, \$74,400; sandstone \$74,400.

Fort Yellowstone, Sewer.

Bids for outfall sewer at Fort Yellowstone, Wyo., opened October 15, have been canceled. The work will be re-advertised next year.

HALLS & SOCIETY BLDGS.

SAN FRANCISCO—Museum, 1 and 2 story and base, Class A construction, \$600,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, California Academy of Sciences. Architect Lewis P. Hobart has completed working drawings and is now taking figures for the construction of the first two wings of the new museum which is to be erected in Golden Gate Park by the California Academy of Sciences. The structure will cost \$600,000, but the Academy of Science, which is undertaking the project, plans to build at this time only a portion. The sections now to be erected will require an outlay of \$165,000. They will eventually form the west portion of the entire building. The present plans call for a building with a frontage of 189 feet and a depth of sixty-two feet. This will provide an exhibition hall on a scale seldom equalled in American museums, as it will be 157 feet long in the clear, and will have a width of thirty-three feet between the deep glass cases, while the height of the interior will be thirty feet. A special feature to be used in the construction of this room will be the introduction of sunlight from the roof directly through the exhibition cases, devices being used to prevent the actual rays of the sun striking the specimens and to diffuse the light. The central portion of the hall, where the visitors will stand, will have softly modeled light, so as to bring out the exhibits in their most attractive forms. Besides this main hall there will be two wings erected at this time, one of them to be of two stories, and arranged for research work, with ample side lights. The park commissioners have given their approval to the plans for the building and bids on the various contracts are being received by Hobart. Contracts will be awarded by the directors of the Academy of Sciences.

SAN FRANCISCO—City hall work, crushed rock and tile and brick work. Cost not stated. Architects, Parkwell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being called for furnishing

crushed rock for the city hall. These contracts will be opened by the Board of Public Works on December 10th. Bids will be opened on December 17th by the same body for brick and tile facing for two large courts in the City Hall. Plans and full particulars can be secured from the Board of Public Works. Official proposal appears under an other heading in this issue.

LOS ANGELES, CAL.—Lodge hall and stores, 2 story and base, Class A construction. Cost not stated. Architects Morgan Walls and Morgan, Van Noy Bldg., L. A. Owners, Independent Order of Odd Fellows. The building will be erected at the northwest corner of 12th and Flower streets. Basement will contain a large banquet room, together with store rooms and paraphernalia rooms. Stores and a large assembly room will occupy the first floor. Upper floors have been designed to contain seven large lodge halls with committee chambers and offices. Construction will be of reinforced concrete with exterior faced with terra cotta and pressed brick. There will be hollow tile partitions, metal window sash, and frames and some metal trim. Plans provide for steam heat, elevator service and other modern conveniences. The structure is to cover an area of 100 by 150 feet. Bids will be called for as soon as plans can be completed.

FILLMORE, VENTURA CO., CAL.—Lodge hall, 2 story and base, reinforced concrete. Cost not stated. Architects, Train and Williams, Exchange Bldg., L. A. Owners, Masonic Hall Association of Fillmore. The building will be 50 by 90 feet and has been designed for two stories on the first floor. Upper floor will contain the lodge room, banquet hall and three offices. Interior finish will be of pine with hardwood floors in the lodge hall and banquet room. Plans provide for steam heat. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Association building, 2 story and base, Class C construction. Cost not stated. Architect, A. B. Denton, 114 North Spring street, L. A. Owners, Young Men's Christian Association (colored). The building is to be erected at the corner of 9th and Tennessee streets and will be arranged for stores on the first floor. Upper floors will contain the association rooms, gymnasium and dormitories. There will be steam heat and a hot and cold water supply. Interior finish will be of pine with some maple floors. Patent store fronts also will be specified. Exterior of the building will be faced with pressed brick. Preliminary plans are being prepared.

HOLTVILLE, IMPERIAL CO., CAL.—Lodge hall, 2 story and base, brick and stone, \$20,000. Architects, Mayberry and Parker, Pacific Electric Bldg., L. A. Owners, Holtsville Masonic Temple Association. First floor will contain five rooms with large glass windows set in patent fronts. Pipe floor has been ordered for a lodge room, banquet hall and tile and concrete business women's dressing glass. There will be a full, cold water and hot water system. Interior will be finished in pine with maple floors in the banquet room and banquet hall. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Lodge hall alterations, 3 story and base, brick, \$20,000. Architects, Smith, Stewart and Glass, 244 Kearny st., S. F. and Republican Bldg., Fresno. Owners, Fresno Odd Fellows' Hall Association. Contractor, H. A. Hansen, Fresno. Contract price, \$20,000.

HOSPITALS

ELDRIDGE, SONOMA CO., CAL.—Nursery building, concrete and frame construction. Cost not stated. Architect, State Architect George B. McDougall, Sacramento, Owners, State of California. All figures received by the State Board of Control for the building at the Eldridge State Home have been rejected and new figures will be called. The lowest figure, that submitted by Bixton-Dillon Co. of San Francisco, was not accompanied by a 10 per cent check. All other bids were above the amount available for construction.

NAPA, NAPA CO., CAL.—Laundry building, 1 story and base, concrete and frame, \$16,500. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. The bid of Robert Trost, lowest received for the construction of this building, has been rejected as the check accompanying same was not for 10 per cent of the amount. R. S. K. MacMillen, the next lowest bidder, is within the amount appropriated and may be awarded the contract. His bid is but \$650 higher than that of Robert Trost. Saturday last a message from the State Department of Engineering stated that up to that time no action had been taken except to return all checks except that of R. S. K. MacMillen. The work may be refigured.

HOLLYWOOD, LOS ANGELES CO., CAL.—Old people's home, 2 and 3 story and base, brick and steel, \$50,000. Architect, George M. Easton, 436 West 12th street, Los Angeles. Owner, Mrs. Hanna A. Baldwin. The building will be erected on Franklin Boulevard and will contain stores on the first floor. Upper floors will be arranged similar to a hotel and will contain 120 guest rooms, a number of which will have private baths. Plans provide for steam heat, vacuum cleaning and a hot water plant. Interior finish will be of pine and hardwood. Besides the rooms above mentioned there will be a general ward and operating room. Freight and passenger elevators will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hospital, 5 story and base, reinforced concrete. Cost not stated. Architects, Garrett & Farrell, Corner Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson and will cover an area of 140 by 45 feet. First floor will contain three operating rooms, sterilizing room, special surgical rooms, offices, first aid room, ward and eight private rooms. Upper floors will be arranged for eleven private rooms to the floor. Interior partitions will be of metal lath and plaster and hollow tile. Corridors and bath rooms will have tile floors. Plans provide for steam heat, elevator service, both freight and passenger, a vacuum cleaning system and hot and cold water supply.

ply. Exterior of the building will be faced with cement plaster. Plans have been revised and new figures are now being taken.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$20,000. Architect, L. Mastropasqua, 550 Washington street, S. F. Owner, N. Capurro. The building will be erected at the southeast corner of Broadway and Barker Place and will have street frontages of 40 by 57 feet. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will be subdivided into 60 rooms and a number of private and public baths. There will be steam heat, elevator service and a hot water supply. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with tile. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 11 story and base, Class A construction, \$100,000. Architects, Barnett, Haynes and Barnett, Wright and Callender Bldg., L. A. Owner, Fred Grass, San Francisco. The building will be erected on the west side of Main street between 8th and 9th streets. There will be one store besides the main entrance and lobby on the first floor. Upper floors will be divided into a total of 150 guest rooms, a large percentage of which will have connecting baths. Provision is also made in the plans for a number of large light sample rooms. There will be steam heat, two passenger and one freight elevator, vacuum cleaning system and hot water supply. Interior will be finished in pine and hardwoods. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are nearly complete and figures will shortly be called.

Contracts Awarded.

PORTLAND, ORE.—Hotel and stores, 2 story and base, brick, \$35,000. Robert F. Tegan, Morgan Bldg., Portland. Owner, A. L. Parkhurst. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, \$35,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architect, L. J. Jones, L. W. Hellman Bldg., L. A. Owner, Julia M. Martin. Contractor, Fred M. Siegel, Stimson Bldg., L. A. Contract price, \$50,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$75,000. Architects, Morgan, Walls and Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponet. Contractors, F. O. Engstrum Co., Fifth and Seaton Sts., L. A., general construction only. Contract price, \$75,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exhibit building, concrete and frame construction, \$250,000. Architect, Charles B. Meyers, 1 Union Square, New York City. Owners, State of New York. All figures received for this building sometime ago have been rejected and new bids are now being called. Figures will be opened on December 29th in New York City by the State Commissioners. The structure is one of the

largest of the State Buildings which will be erected at the Panama-Pacific Exposition. Plans and specifications can be secured from the Director of Works in the Service Bldg., San Francisco or from the architect in New York. An official proposal for this work appears under another heading in this issue.

SAN FRANCISCO—State Exhibit building, frame construction, \$25,000. Architects, Wayland & Fennell, Boise, Idaho. Owners, State of Idaho. Architects Wayland & Fennell of Boise, Idaho, together with Majell Reed of the Idaho Commission, are stopping at the Palace Hotel. They have plans for the States' Exhibit Palace, which is to be erected at the 1915 Exposition, and are taking figures from local contractors. These figures are stated to be about \$10,000 higher than bids received from Boise contractors. Both of these low men have been called to San Francisco to look over the grounds and general conditions before signing a contract. After looking over the grounds if conditions are such as to prevent them signing a contract, new figures will be called.

POST OFFICES.

ALBANY, ORE.—Post office, 2 story and base, brick and stone, \$75,000. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. The lowest figure received for the construction of this building was presented by F. A. Erixon of Salem. His bid for sandstone was \$57,650 and for limestone \$58,975. A contract has not been awarded.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Municipal railroad supplies and equipment. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans are complete and figures will be opened by the Board of Public Works on December 31st for furnishing the following quantities of materials and equipment for the proposed new municipal roads. The amount of bond required to be filed with the bid for each of the various equipment is noted here: Redwood ties, bond \$10,000; steel rails, rail joints and fastenings, bond \$60,000; air brake equipment, bond \$6,000; steel ties, rods and nuts, bond \$1,000; car bodies, bond \$75,000; rail spikes, bond, \$1,000; the plates and rod braces, bond \$4,000; car trucks, bond \$20,000, and track specials, bond \$20,000. Plans and full particulars can be secured from the office of the City Engineer. Official proposals for the above appear in another column of this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, brick and stone, \$60,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, E. Sheldon Potter. This work has been mentioned here a number of times before when plans were being prepared and when figures were called. All bids have been received and the low man determined. Contracts will be shortly awarded. The dwelling will be erected at the northwest corner of Jackson and Cherry streets and will contain in the neigh-

borhood of 14 rooms, several baths and sleeping porches. A garage will also be erected on the lot. Interior of the house will be handsomely finished in pine and imported hardwoods. Oak floors will be used throughout. Bath rooms will have tile floors and wainscot. A central system of heating, probably steam, will be installed. Plans also provide for a vacuum cleaning system, hot water supply and other modern conveniences. Exterior of the house will be faced with pressed brick and cut stone.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,600. Architect, Joseph Cahen, 45 Kearny street. S. F. Owner, Mrs. Harris. The dwelling will be erected on Clifford street in the Ashbury Heights District and has been designed for a seven room house with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater is specified. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, John J. Foley, 46 Kearny street. S. F. Owner, Mr. Brueck. The dwelling will be erected on the San Bruno Road and will contain about seven rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room and a brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,000. Architect, Edward G. Bolles, 660 Market street. S. F. Owners, S. A. Horn Building Co. The dwelling will be erected on Lot F in the Sea Cliff Addition. When complete the dwelling will contain eight rooms, three baths and a sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for a central heating system, probably furnace heat, open fire places and a vacuum cleaning system. Mantels will be of brick and tile. An automatic water heater and hot water supply is also specified. Tile wainscot and floors will be used in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Edward G. Bolles, 660 Market street. S. F. Owners, S. A. Horn Building Co. The dwelling has been designed for a seven room house and will be erected on 22nd avenue in the Sea Cliff addition. Interior finish will be of pine and white enamel with oak floors in the principal rooms. Plans also provide for sleeping porch. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater and vacuum

cleaning system will be installed. Tile wainscot and composition floors will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Hutchinson Bros., 470 13th street. Oakland. Owner, M. E. Vaughn. The dwelling will be erected on 4th avenue and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Max Thelen. The dwelling will be erected in the Claremont Tract and has been designed for an eight room house with baths and sleeping porch. Interior will be handsomely finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Vacuum cleaning system will probably be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, H. M. Swalley, 745 Grand avenue, Oakland. The dwelling will be erected at the northeast corner of Cheney avenue and Walker street and will contain eight rooms, two baths and a sleeping porch. All interior finish will be of pine. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, Walker Clark, 1121 Oakland avenue, Oakland. The dwelling will be erected on Matser street west of Gilbert and will contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and it

the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BERKELEY ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$17,000. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Home Builders. The dwelling will be erected on the south side of Channing Way east of College avenue and has been designed for a 15 room house with several baths and sleeping porches. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater, vacuum cleaning and other modern conveniences will be installed. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SACRAMENTO, CAL.—Residences, 2 2-story and base, frame, \$2,500 each. Architect, none. Owners, Wright and Kimbrough, 517 J street, Sacramento. These houses will be erected on 14th and 21st streets respectively, and will be arranged for six room dwellings. Interiors will be finished in pine and hardwood. Oak floors will be used in the living room, dining rooms and reception halls. There will be large open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$25,000. Architect, William Knowles, Hearst Bldg., S. F. Owner, William C. Murdock. This dwelling will be erected in Forest Hill and will be designed in the Spanish style. The house will contain in the neighborhood of 15 rooms, several baths and sleeping porches. A garage and swimming pool will also be constructed. Interior of the house will be finished in pine, hardwoods and white enamel. Oak floors will be used in the principal rooms. A central heating system and open fire places will be used. Mantels will be of brick and tile. There will be a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of red clay tile. Plans are being prepared.

OAK KNOLL, LOS ANGELES CO., CAL.—Residence, 2 story and base frame. Cost not stated. Architects Montgomery and Montgomery, Trust and Savings Bldg. L. A. Owner, A. G. Edmonson. The dwelling has been designed for a ten room house with three baths and sleeping porch. A garage will also be erected on the lot. Interiors of the house will be finished in pine and hardwood. Oak floors will be used throughout except in the bath rooms which will have composition floors and tile wainscot. There will be a central heating system. Open fire places will be installed in the principal rooms. Mantels will be of brick and tile. Plans include vacuum cleaning and a hot

water system. Exterior of both the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile construction, \$50,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Mr. House. This dwelling will be erected in Oak Knoll and has been designed for a fifteen room house with several baths and sleeping porches. Interior finish will be largely of hard woods. There will be steam heat, open fire places, brick and tile mantels, vacuum cleaning system, automatic water heaters and other modern conveniences. Exterior will be covered with cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, J. J. Jennings, 3211 O street, Sacramento. The house has been designed to contain six rooms and bath. Interior finish will be of pine and redwood throughout. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with mantel of brick or tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOLS.

SAN FRANCISCO—School, 3 story and base, frame, \$15,000. Architects, Bliss and Paville, Balboa Bldg., S. F. Owner, Protestant Episcopal Bishop of California. This building has been designed for a Boys' Home and will be erected at the northwest corner of Potrero avenue and 25th street. The building will cover an area of 56 by 58 feet and will be arranged for dormitories, class rooms, dining hall, kitchen and a manual training department. Interior will be finished in pine and redwood. There will be a modern system of heating and ventilating. Hot water supply and vacuum cleaning are also included in the plans. Exterior of the building will be covered with singles and cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—School, 2 story and base, reinforced concrete and frame. Cost not stated. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the meeting of the Board of Public Works held on December 3rd for the construction of the Marshall School show B. Ringrose low on the general construction as follows: Prop. A, \$62,187; Prop. B, \$61,869; and Prop. C, \$62,159. The Victor Engineering Co. are low on the heating and ventilating at \$2,733; Alex. Coleman, plumbing, \$6,072, and the Decker Electric Co., electric work, \$2,260. No contracts have been awarded.

SEATTLE, WASH.—School, 2 story and base, brick, \$36,000. Architect, V. W. Voorhees, Eltel Bldg., Seattle. Owners, School District No. 11. This work was mentioned in these columns when the architect was first commissioned to prepare plans. The building will contain nine class rooms, manual training

department, principal's office and teachers' rooms. Besides these rooms plans provide for an auditorium 32 by 72 feet. Interior finish will be of pine with maple floors in the auditorium and class rooms. There will be steam heat, a modern system of ventilation, program clocks and vacuum cleaning. Exterior of the building will be faced with tapestry brick. Plans are complete and figures will be called for at once.

TACOMA, WASH.—School gymnasium 2 story and base, reinforced concrete, \$60,000. Architects, Heath and Grove, National Realty Bldg., Tacoma. Owners, City of Tacoma. All figures recently received for the construction of the Stadium High School gymnasium have been rejected as being above the appropriation. Plans are being revised and new figures will probably be called for about December 15th. Further mention of the work will be made at that time.

AUBURN, WASH.—School, 2 story and base, brick and steel. Cost not stated. Architect V. W. Voorhees, Eltel Bldg., Seattle. Owners, Auburn School District. Plans have just been approved for this building. The structure will cover a ground area of 38 by 110 feet and has been designed to contain ten class rooms, domestic science and manual training departments, gymnasium, music and literature study halls and principal's office. Interior will be finished in pine with maple floors. Plans provide for a central heating system and modern ventilation. There will be program clock and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about January 1st.

Contracts Awarded.

GLOBE, ARIZ.—School, 2 story and base, reinforced concrete. Cost not stated. Architects, Royal W. Lescher and John Rinker Kibby, Phoenix. Owners, Globe School District. Contractors, Michaelson and Wiedman, Globe, general construction except plumbing and heating. Contract price, \$51,208.

CHENEY, WASH.—School, 3 story and base, brick and reinforced concrete. Cost not stated; Architect's name not given. Owners, State Normal School. Contractors, Bartlett-Roth & Co., Lewis Bldg., Portland, general construction. Contract price, \$267,025. Ben Olsen, Tacoma, heating and ventilating, \$23,000; P. J. Coff, Spokane, plumbing, cost not stated; and J. J. Agutter & Co., Seattle, electric work, \$6,960.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Redressing basalt blocks. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Figures opened by the Board of Public Works at their December 3rd meeting show P. J. Gartland low at \$13.14 per thousand for redressing a total of approximately 100,000 old basalt brick. A contract has not been awarded.

SAN FRANCISCO—Alterations to overflow structure. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and received the approval of the Board of

Works for alterations to the overflow structure at 4th and Brannan streets. Bids will be opened by the Board of Public Works on December 10th.

EUGENE, ORE.—Power plant construction and steel construction, \$3,000,000. Engineer, George E. Edmondstone, Portland. Owners, Oregon Electric Railway Co., Portland. Construction of an immense hydro-electric power plant by the Oregon Electric Railway on Clear Lake, 80 miles east of Eugene in the Cascade Mountains, will be started by George E. Edmondstone, hydraulic engineer, who will have charge. According to estimates of Engineer Edmondstone, the cost will be in the neighborhood of \$5,000,000 and 45,000 horsepower will eventually be developed. Work on the first unit will begin next June. There will be two plants, the first to generate 20,000 horsepower. It is planned by the Hill railway interests to furnish electrical current for the entire western part of the state. Surveyors are now at work on two routes for transmission lines, one down the McKenzie river toward Eugene and the other down the Santiam toward Albany. A tunnel through the walls of Clear lake will carry the water in a 10-foot conduit a mile and a half under a 500-foot head to the first power plant. The second plant will take the water from the first plant, carry it further down the river below McKenzie falls to a second set of generators. The second plant will be larger than the first. The current will be carried over heavy transmission lines at 110,000 volts. The wires will be a third of an inch in diameter.

Contracts Awarded.

BURLINGAME, SAN MATEO CO., CAL.—Reservoir, concrete construction, \$14,000. Engineer, City Engineer, Burlingame. Owner, City of Burlingame. Contractor, Robert Trost, San Francisco. Contract price, \$14,000.

HILLYARD, WASH.—Water system, complete construction, \$88,000. Engineer Wadhams, Poulson Bldg., Spokane. Owners, Town of Hillyard. Contractors, James Kennedy Construction Co., Blake-McFall Bldg., Portland. Contract price, \$88,000.

STORES.

SAN FRANCISCO—Stores and lofts. 2 story and base, reinforced concrete, \$15,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Malcolm Jacobs and Burritt. The owners have secured additional property adjoining their lot on the west and will construct a larger building than was at first intended. Plans for the building show a two story structure instead of a one story. First floor will contain stores and offices and upper floor modern lofts. The structure will be carried on a scow foundation. Interior will be finished in pine throughout. A cement floor will be used. Exterior will be faced with cement plaster. Plans are complete and figures will be called for shortly.

SAN FRANCISCO—Wholesale building, 1 story and base, reinforced concrete. Cost not stated. Architect, William H. Crim Jr., 425 Kearny street, S. F. Owner, Alfred Gonzales. The building will be erected on the north line of Washington street east of Davis and has been designed for a wholesale commission house. There will be a

pile foundation, cement floor and patent store fronts. Interior will be finished in pine throughout. Exterior will be faced with cement plaster. Plans are complete and a contract will be let at once.

SAN FRANCISCO—Subway between office buildings, reinforced concrete, \$2,500. Architect, Nathaniel Blaisdell, 255 California street, S. P. Owners, Insurance Exchange and Merchants' Exchange. This work will consist of constructing a subway between the basements of these two large office buildings. Plans have been prepared and are now up before the Building Inspector for consideration. Further mention will be made of the work.

SAN FRANCISCO—Store and office alterations, brick construction. Cost not stated. Architects, Righetti and Headman, Phelan Bldg., S. F. Owners, Montgomery Block Realty Co. This work will consist of extensive alterations to the building at the southeast corner of Montgomery and Washington streets. Included in the work will be new interior finish, plastering, plumbing, electric work and steam. Elevator will also be overhauled. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

LOS ANGELES, CAL.—Stores and offices, 3 story and base, Class C construction. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Standard Oil Co. The building will be erected at the corner of Aurea and San Fernando streets covering an area of 90 by 120 feet. The structure has been designed for a branch office and warehouse. Interior finish will be of pine and hardwood. There will be metal window sash and frames. Some tile and marble are specified. Plans provide for steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND OFFICES

FRESNO, FRESNO CO., CAL.—Store fixtures. Cost not stated. Architects, Swartz, Hotchkin & Swartz, Lowell Bldg., Fresno. Owner, J. M. Crawford. Plans are being prepared for store fixtures for the space leased by Mr. Crawford, an optician, in the Griffith-McKenzie Building. Interior finish will be of hardwood, mahogany and tile. Some plate and art glass will be used. Plans are being prepared.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Stores and residence, 2 story and base, brick \$30,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Jacob Hichter. Contractor, Christopher. E. Hrt. Fresno. Contract price, \$30,000.

LOS ANGELES, CAL.—Stores and offices, 13 story and base, Class A construction. Cost not stated. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, Building Owners Co., Contractors, National Fireproofing Co., Central Bldg., L. A. general construction only. Contract price, \$100,000.

THEATRES.

FRESNO, FRESNO CO., CAL.—Theatre alteration and addition, 1 story and base, brick and steel, \$100,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, L. L. Cory. This work has been contemplated for some

time but no architect has been selected until recently. The building to undergo alteration is located at the corner of Fresno and J streets. The work will be extensive and will include structural steel, plastering, painting, plumbing, elevator work, electric work and interior decorating. Upper floors will be fitted up for offices and a part of the first floor will be used for stores. Exterior facing will be of pressed brick. Plans are being prepared.

SEATTLE, WASH.—Theatre and offices, 4 story and base, reinforced concrete, \$125,000. Architects, Warren H. Milner & Co., Arcade Bldg., Seattle. Owners, Alaska Theatre Co. All figures received for this work have been rejected. Plans have been revised and contractors who first figured the work are preparing new estimates. The building will be of fireproof construction and is to be erected at the corner of Second and Seneca avenues. Bids are to be in the hands of the architects by the end of this week.

SEALED PROPOSALS.

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913,** for furnishing and delivering the following material:

A quantity of steel tie rods and nuts for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.
By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913,** for furnishing and delivering the following material:

A quantity of car bodies for the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$75,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.
By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913,** for furnishing and delivering the following material:

A quantity of rail spikes for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913,** for furnishing and delivering the following material:

A quantity of the plates and rod braces, for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$4000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913,** for furnishing and delivering the following material:

A quantity of car trucks for the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$20,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913,** for fur-

nishing and delivering the following material:

A quantity of track special work for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$250,000.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 10th day of December, 1913, for doing the following work, including the furnishing of the necessary labor therefor, to-wit:

The furnishing and delivering of crushed brick for use in the construction of the New City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file at the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred and fifty (150) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$50,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 10th day of December, 1913, for doing the following work, to-wit:

The alteration and reconstruction of the overhead trolley system crossing of Fifth and Franklin Streets.

Said work must be done in accordance with the plans and specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days, and completed within sixty (60) calendar days from the receipt of written notice to be made and entered into therefor.

The amount of bond for faithful performance of the contract has been fixed at \$300,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on

Wednesday, the 17th day of December, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The brick and terra cotta facing work on two large courts of the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred and eighty (180) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$8,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CANAL SALE.

CANAL CIRCULAR 811—Proposals for the Purchase of Iron and Steel Scrap, Brass Scrap, and Knack and Brass Scrap.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10 o'clock a. m., December 23, 1913, at which time they will be opened in public for purchasing the above-mentioned articles. Blanks and general information relating to this circular may be obtained from this office or the offices of the assistant purchasing agents, 24 State street, New York city; 614 Whitney-Central Building, New York, N. Y.; 1086 N. Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; Baltimore, Md.; Philadelphia, Pa.; Pittsburgh, Pa.; Boston, Mass.; Buffalo, N. Y.; Cleveland, Ohio; Cincinnati, Ohio; Chicago, Ill.; St. Louis, Mo.; Detroit, Mich.; Milwaukee, Wis.; St. Paul, Minn.; Chattanooga, Tenn.; Louisville, Ky.; Mobile, Ala.; and Galveston, Texas; Commercial Club, Kansas City, Mo.; Chamber of Commerce, Quincy, Ill.; and Commercial Club, Tacoma, Wash. For circulars, U. S. A., general purchasing officer.

PROPOSALS FOR BRIDGE WORK.

BRIDGE WORK.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m., December 22, 1913, for furnishing one pin connected through Pratt truss highway bridge of two spans, each 97 feet 6 inches long, for the Milk River project, Mont. For particulars address the United States Reclamation Service, Washington, D. C., or Great Falls, Mont. A. P. DAVIS, chief engineers.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 10th day of December, 1913, for furnishing and delivering the following material:

A quantity of redwood cross ties for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$10,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves

the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of steel rails, rail joints and fastenings for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$60,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of air brake equipment for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$600,000.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of motor equipment for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$65,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Monday, January 6, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the sand blasting of the granite work and steps of the Capitol Building, at Sacramento, California, in accordance with specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the entire work.

Cash, a bidder's bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Two (\$2.00) Dollars will be required on the specifications, the deposit to be returned immediately on the return of the specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Sand Blasting, State Capitol Building, Sacramento, California."

[Signed] W. F. McCURE,
State Engineer. (*)

INVITATION TO CONTRACTORS.

PANAMA-PACIFIC COMMISSION OF THE STATE OF NEW YORK.

SEALED BIDS OR PROPOSALS for the construction of the New York State Building on the grounds of the Panama-Pacific Exposition, San Francisco, Cal., will be received at the offices of the Commission, 140 West 42nd Street, New York City, until 12 o'clock, noon, on the 20th day of December, 1913. Bids and proposals are invited for furnishing all labor and materials required for the completion of the following works:

1. Erecting a building for the New York Commission for the Panama-Pacific International Exposition at San Francisco.

The time allowed for erecting and completing the building is two hundred and twenty-five (225) Calendar days.

2. Installing the Plumbing, Water Supply and Gas Fitting in the building as mentioned.

The time allowed for completing the work is two hundred (200) Calendar days.

3. Installing the Steam Heating in the building above mentioned.

The time allowed for the completion of the work is two hundred (200) Calendar days.

4. Installing the Electric Work in the above mentioned.

The time allowed for the completion of the work is seven-five (75) Calendar days.

The surety required for each bid or proposal is fifty (50) per cent of the bid or proposal.

Contracts will be awarded at a lump sum for each contract.

Contractors must comply with the laws of the State of New York relating to Public Buildings and Structures. Forms of proposals, together with copies of the Contracts and Specifications, may be had at the office of the Commission, 140 West 42nd Street, New York City, and drawings may be obtained from the Architect, Charles P. Meyers, 1 Union Square West, New York City, and at the office of the Director of Works, Service Building, San Francisco.

Contractors desiring blue prints will be required to deposit six (6) dollars, the cost price of printing.

JOHN R. YALB, Vice-Chairman. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. November 25, 1913.—Sealed proposals will be opened in this office at 3 p. m., January 6, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at Grand Junction, Colo. One story and base building; ground area, 5,706 square feet; fireproof construction; stone and brick facing; tile and composition roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., at this office, in the discretion of the Supervising Architect, O. Wenderoth, Supervising Architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 1000 Market Street, Thursday, December 11th, 1913, for constructing the Main Entrance Tower, in accordance with the specifications on file in the office of the Director of Works.

Separate proposals will be allowed on sewer and water piping, electric wiring and elevators.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount of bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon

the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 201, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$3.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM B. CROCKER,
Chairman. (*)

PROPOSAL FOR BUILDING.

BUILDINGS AND GROUND'S Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m., December 18, 1913, for the construction complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at La Junta, Colo. The building is two stories and base, with a ground area of approximately 5,240 square feet; stone, stucco, and terra-cotta facing; tile roof; first floor only of fireproof construction. Drawings and specifications may be obtained from the custodian of site at La Junta, Colo., or at this office, in the discretion of the supervising architect, O. WENDEROTH, supervising architect.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, brick and stone, \$60,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, E. Sheldon Potter. This work has been mentioned here a number of times before when plans were being prepared and when figures were called. All bids have been received and the low man determined. Contracts will be shortly awarded. The dwelling will be erected at the northwest corner of Jackson and Cherry streets and will contain in the neighborhood of 14 rooms, several baths and sleeping porches. A garage will also be erected on the lot. Interior of the house will be handsomely finished in pine and imported hardwoods. Oak floors will be used throughout. Bath rooms will have tile floors and wainscot. A central system of heating, probably steam, will be installed. Plans also provide for a vacuum cleaning system, hot water supply and other modern conveniences. Exterior of the house will be faced with pressed brick and cut stone.

MUSEUM—1 and 2 story and base. Class A construction, \$500,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, California Academy of Sciences. Architect Lewis P. Hobart has completed working drawings and is now taking figures for the construction of the first two wings of the new museum which is to be erected in Golden Gate Park by the California Academy of Sciences. The structure will cost \$600,000, but

the Academy of Sciences, which is undertaking the project, plans to build at this time only a portion. The sections now to be erected will require an outlay of \$165,000. They will eventually form the west portion of the entire building. The present plans call for a building with a frontage of 189 feet and a depth of sixty-two feet. This will provide an exhibition hall on a scale seldom equalled in American museums, as it will be 157 feet long in the clear, and will have a width of thirty-three feet between the deep glass cases, while the height of the interior will be thirty feet. A special feature to be used in the construction of this room will be the introduction of sunlight from the roof directly through the exhibition cases, devices being used to prevent the actual rays of the sun striking the specimens and to diffuse the light. The central portion of the hall, where the visitors will stand, will have softly modified light, so as to bring out the exhibits in their most attractive forms. Besides this main hall there will be two wings added at this time one of them to be of two stories, and arranged for research work will have staircases. The work commitments have given the architect approval to the plans, and the bids on the ground are being received. The contracts will be awarded to the Academy of Sciences.

RESIDENCE—2 story and base, \$40,000. San Francisco. Architect, Joseph Calver, 15 Keble Street, S. F. Owner, Mrs. Hattie. The dwell-

ing will be erected on Clifford street in the Ashbury Heights District and has been designed for a seven room house with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater is specified. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. Brueck. The dwelling will be erected on the San Bruno Road and will contain about seven rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room and a brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$8,000. San Francisco. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co. The dwelling will be erected on Lot F in the Sea Cliff Addition. When complete the dwelling will contain eight rooms, three baths and a sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for a central heating system, probably furnace heat, open fire places and a vacuum cleaning system. Mantels will be of brick and tile. An automatic water heater and hot water supply is also specified. The wainscot and doors will be used in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co. The dwelling has been designed for a seven room house and will be erected on 22nd Avenue in the Sea Cliff Addition. Interior finish will be of pine and white enamel with oak floors in the principal rooms. Plans also provide for sleeping porch. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater and vacuum cleaning system will be installed. The wainscot and composition floors will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

STATE EXHIBIT BUILDING—Concrete and frame construction, \$250,000. San Francisco. Architect, Charles B. Meyers, 1 Union Square, New York City. Owners, State of New York. All figures received for this building sometime ago have been rejected and new bids are now being called. Figures will be opened on December 20th in New York City by the State Commis-

sioners. The structure is one of the largest of the State Buildings which will be erected at the Panama-Pacific Exposition. Plans and specifications can be secured from the Director of Works in the Service Bldg., San Francisco or from the architect in New York. An official proposal for this work appears under another heading in this issue.

STATE EXHIBIT BUILDING—Frame construction, \$25,000. San Francisco. Architects, Wayland and Fennell, Boise, Idaho. Owners, State of Idaho. Architects Wayland & Fennell of Boise, Idaho, together with Major Reed of the Idaho Commission, are stopping at the Palace Hotel. They have plans for the States' Exhibit Palace, which is to be erected at the 1915 Exposition and are taking figures from local contractors. These figures are stated to be about \$10,000 higher than bids received from Boise contractors. Both of these low men have been called to San Francisco to look over the grounds and general conditions before signing a contract. After looking over the grounds, if conditions are such as to prevent them signing a contract new figures will be called.

CHURCH—1 story and base, frame, \$10,000. San Francisco. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, African M. E. Church. This new building will be erected at the corner of Geary and Webster streets and will contain a main auditorium seating 350 people, a pastor's study and social rooms. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are complete and figures will be called for at once.

FLATS AND STORE—2 story and base, frame. Cost not stated. San Francisco. Architect, Theo W. Lenzen, Humboldt Bank Bldg., S. F. Owner, R. C. Bingley Jr., 573 Mission street. The building will be erected on the east side of 9th Avenue between J and J streets. There will be one store and a living apartment on the first floor and a large modern flat on the second floor. Interior finish will be of pine and redwood throughout. Oak floors will be used in the living room. There will be an open fire place and brick mantel. Bath room will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are now being prepared. A general contract will be let.

FLAT AND STORE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, John F. Haner, 3579 19th street, S. F. The building will be erected at the northwest corner of Geneva and Vienna streets and will contain a store on the first floor and a flat of five rooms above. Interior will be finished in pine throughout. Oak floors will be used in the living and dining rooms. There will be an open fire place with tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GARAGE—1 story and base, brick. Cost not stated. San Francisco. Architect, none. Owner, P. T. Prather, care of Don Lee, California and Van

Ness Avenue, S. F. The building will be erected at the northwest corner of Market and Polk streets and has been designed for a station where machines can stop to fill gasoline and make minor repairs. Construction will be of the Class C type. There will be a cement floor and exterior faced with cement plaster. Plans are being prepared.

CITY HALL WORK—Crushed rock and tile and brick work. Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being called for furnishing crushed rock for the City Hall. These bids will be opened by the Board of Public Works on December 10th. Bids will be opened on December 17th by the same body for brick and tile facing for two large courts in the City Hall. Plans and full particulars can be secured from the Board of Public Works. Official proposals appear under another heading in this issue.

HOTEL—4 story and base, brick and steel, \$35,000. San Francisco. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner, Harry Rosenberg. This work was mentioned here sometime ago when plans were first started. The building will be erected on the west side of Hyde street near Sutter and will have a frontage of 40 feet by a depth of 127 feet. Interior has been arranged for a total of 68 guest rooms, nearly all of which will have private baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior finish will be of pine and redwood. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—3 story and base, frame, \$25,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. Architect Charles J. Rousseau, 46 Kearny street, has completed plans and specifications for a three-story and basement frame hotel building, covering an area of 50 by 100 feet, which is to be erected at the southwest corner of Scott and Lombard street near the main entrance to the Panama-Pacific Exposition. Exterior of the building will be covered with cement plaster on metal lath. Plans provide for a spacious lobby, ladies' parlor and reading rooms, which will be finished in hardwoods and imported tapestries on the walls. There will be five stores on the first floor and a total of 52 guest rooms with twenty-five per cent baths on the upper floors. Nearly all guest rooms will face Lombard street and will command a grand view of the Exposition Grounds and upper bay. There will be steam heat, a hot water supply vacuum cleaning system and electric curling irons. Plans will be put out for figures very shortly.

HOTEL—4 story and base, reinforced concrete, \$20,000. San Francisco. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, N. Capurro. The building will be erected at the southeast corner of Broadway and Barker Place and will have street frontages of 40 by 57 feet. There will be one store besides the hotel entrance

and lobby on the first floor. Upper floors will be subdivided into 60 rooms and a number of private and public baths. There will be steam heat, elevator service and a hot water supply. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with tile. Plans are being prepared.

MUNICIPAL RAILROAD SUPPLIES AND EQUIPMENT—Cost not stated. San Francisco, Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans are complete and figures will be opened by the Board of Public Works on December 31st for furnishing the following quantities of materials and equipment for the proposed new municipal roads. The amount of the bond required to be filed with the bid for each of the various equipment is noted here. Redwood ties, bond \$10,000; steel rails, rail joints and fastenings, bond \$60,000; air brake equipment, bond \$6,000; steel ties, rods and nuts, bond \$1,000; car bodies, bond \$75,000; rail spikes, bond \$1,000; tie plates and rod braces, bond \$4,000; car trucks, bond \$20,000, and track specials, bond \$20,000. Plans and full particulars can be secured from the office of the City Engineer. Official proposals appear in another column of this issue.

SCHOOL—3 story and base, frame, \$16,000. San Francisco, Architects, Bliss and Faville, Balboa Bldg., S. F. Owner, Protestant Episcopal Bishop of California. This building has been designed for a Boys' Home and will be erected at the northwest corner of Potrero avenue and 25th street. The building will cover an area of 56 by 58 feet and will be arranged for dormitories, class rooms, dining hall, kitchen and manual training department. Interior will be finished in pine and redwood. There will be a modern system of heating and ventilating. Hot water supply and vacuum cleaning are also included in the plans. Exterior of the building will be covered with shingles and cement plaster on metal lath. Plans are complete and figures are now being taken.

SCHOOL—2 story and base, reinforced concrete and frame. Cost not stated. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the meeting of the Board of Public Works held on December 3rd for the construction of the Marshall School show R. Ringrose low on the general construction as follows: Prop. A, \$62,187; Prop. B, \$64,860; and Prop. C, \$62,150. The Victor engineering Co. are low on the heating and ventilating at \$2,733; Alex. Coleman, plumbing, \$6,072 and the Decker Electric Co., electric work, \$2,260. No contracts have been awarded.

REDRESSING BASALT BLOCKS—Cost not stated. San Francisco, Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Figures opened by the Board of Public Works at their December 3rd meeting show P. J. Gartland low at \$13.74 per thousand for redressing a total of approximately 100,000 old basalt brick. A contract has not been awarded.

ALTERATIONS TO OVERFLOW

STRUCTURE—Cost not stated. San Francisco, Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and received the approval of the Board of Works for alterations to the overflow structure at 4th and Brannan streets. Bids will be opened by the Board of Public Works on December 10th.

STORES AND LOFTS—2 story and base, reinforced concrete, \$15,000. San Francisco, Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Malcolm Jacobs and Burritt. The owners have secured additional property adjoining their lot on the west and will construct a larger building than was at first intended. Plans for the building show a two-story structure instead of a one story. First floor will contain stores and upper floor modern lofts. The structure will be carried on a scow foundation. Interior will be finished in pine throughout. A cement floor will be used. Exterior will be faced with cement plaster. Plans are complete and figures will be called for shortly.

WHOLESALE BUILDING—1 story and base, reinforced concrete. Cost not stated. San Francisco, Architect, William H. Crim Jr., 425 Kearny street, S. F. Owner, Alfred Gonzales. The building will be erected on the north line of Washington street east of Davis and has been designed for a wholesale commission house. There will be a pile foundation, cement floor and patent store fronts. Interior will be finished in pine throughout. Exterior will be faced with cement plaster. Plans are complete and a contract will be let at once.

SUBWAY—Between office buildings, reinforced concrete, \$2,500. San Francisco, Architect, Nathaniel Blaisdel, 255 California street, S. F. Owners, Insurance Exchange and Merchants' Exchange. This work will consist of constructing a subway between the basements of these two large office buildings. Plans have been prepared and are now up before the Building Inspector for consideration. Further mention will be made of the work.

STORE AND OFFICE ALTERATIONS—brick construction. Cost not stated. San Francisco, Architects, Righetti and Headman, Phelan Bldg., S. F. Owners, Montgomery Block Realty Co. This work will consist of extensive alterations to the building at the southeast corner of Montgomery and Washington streets. Included in the work will be new interior finish plastering, plumbing, electric work and steam. Elevator will also be overhauled. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$17,000. San Francisco, Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, A. Artus. The building will be erected on Pacific avenue west of Jones and has been designed to contain six suites of three rooms and bath each. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat, a hot water supply and vacuum cleaning. All suites will be equipped with

wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

LAUNDRY—2 story and base, reinforced concrete, \$12,000. San Francisco, Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Ellis street near Jones covering a considerable ground area. The entire first floor will be occupied by the laundry. Upper floor will be arranged for flats. Interior finish will be of pine and redwood. A cement floor will be used on the ground floor. Special laundry machinery will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

RESIDENCE—2 story, attic and base, frame, \$25,000. San Francisco, Architect, William Knowles, Hearst Bldg., S. F. Owner William C. Murdock. This dwelling will be erected in Forest Hill and will be designed in the Spanish style. The house will contain in the neighborhood of 15 rooms, several baths and sleeping porches. A garage and swimming pool will also be constructed. Interior of the house will be finished in pine, hardwoods and white enamel. Oak floors will be used in the principal rooms. A central heating system and open fire places will be used. Mantels will be of brick and tile. There will be a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of red clay tile. Plans are being prepared.

Contracts Awarded.

FIRE HOUSE—2 story and base, brick and reinforced concrete, \$30,000. San Francisco, Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Newsom, Wold & Kohn, S. F., general construction Engine House No. 48. Contract price, \$29,555.

City Bids Opened.

Construction of Marshall School With Heating, Electric Work and Plumbing Figures Opened.

Bids opened by the Board of Public Works for the general construction of the Marshall School show R. Ringrose low on the three propositions as follows: Prop. A, \$62,187; Prop. B, \$64,860 and Prop. C, \$62,150. Bids were also opened at the same meeting for the heating and ventilating, Victor Engineering Co. low at \$2,733 and for the plumbing, Alex. Coleman low at \$6,072; electric work, Decker Elec. Constr. Co. low at \$2,260. P. J. Gartland submitted the lowest figure for redressing approximately 100,000 old basalt blocks. His figure for this work was \$13.74 per thousand.

The following is a complete list of all figures opened:

General Construction Marshall School.
Ward & Goodwin (a) \$69,990
\$73,900; (c) \$69,300.

H. S. Williams (a) \$69,794; (b) \$72,601; (c) \$70,171

R. Ringrose (a) \$62,187; (b) \$64,860;
(c) \$62,150.
Elmer Peterson (a) \$71,146; (b) \$73,236; (c) \$70,900.
Heckenroth & Schell (a) \$67,913; (b) \$70,128; (c) \$67,778.
T. W. McClenahan (a) \$64,177; (b) \$66,732; (c) \$64,427.
Commary-Peterson Co. (a) \$65,893; (b) \$68,566; (c) \$65,758.
C. C. Caldwell (a) \$65,510; (b) \$68,183; (c) \$65,375.
Carnahan & Mulford (a) \$68,000; (b) \$70,400; (c) \$67,900.
Newsom, Wold & Kohn (a) \$62,800; (b) \$65,300; (c) \$63,650.
McSheehy Bros. (a) \$62,997; (b) \$65,553; (c) \$62,856.
Thurston & Co. (a) \$69,945; (b) \$78,145; (c) \$69,810.
Monson Bros. (a) \$73,908; (b) \$76,581; (c) \$73,573.
W. H. Sjöberg (a) \$72,091; (b) \$74,411; (c) \$71,848.
Robert Trast (a) \$69,953; (b) \$72,900; (c) \$70,400.

Heating and Ventilating.

Victor Engineering Co. \$2,733
Wittman-Lyman Co. 3,130
Kiernan & O'Brien 2,865
Pacific Fire Extinguisher Co. 3,233
Burnham Heating Co. 3,111
Turner Co. 3,150
John G. Sutton Co. 2,990
Atlas Heating & Ventilating Co. 3,347
Pacific Blower & Ventilating Co. 3,100
Robert Dalziel Jr. Co. 3,339
J. E. O'Mara 2,897

Plumbing.

A. Lettich \$7,030
Burnham Plumbing Co. 7,353
Kiernan & O'Brien 6,576
Wittman-Lyman Co. 6,783
Alex. Coleman 6,072
J. H. Pinkerton 6,328
F. W. Snook Co. 6,090
J. P. Doherty 9,000
J. Looney Co. 6,970
Turner Co. 6,300
John G. Sutton Co. 6,685
J. E. O'Mara 6,983

Electric work.

Decker Elec. Constr. Co. \$2,260
National Elec. Co. 2,569
Standard Elec. Constr. Co. 2,574
Turner Co. 2,695
H. O. Tittle 2,376
McPell Elec. Co. 2,595
Pacific Fire Extinguisher Co. 2,443
Butte Eng. & Elec. Co. 2,467

Redressing Old Asphalt Blocks.

Oscar Johnson \$16.00 per M
J. H. Belser 19.24 per M
State Improvement Co. 16.40 per M
John Hensitt 16.00 per M
Mahoney Bros. 22.50 per M
F. J. Gartland 13.74 per M
Flynn & Tracy 13.75 per M
J. P. Dowling 17.50 per M

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
4351	Schmedell	Palatina	323
4352	Paugh	Hamill	1376
4353	Tobin	Lurman	2190
4354	Meyer	Monson	8200
4355	Janssen	Janssen	2000
4356	Power	Brunswick	500
4357	Tivoli	Brunfield	450
4358	Montrouill	Montrouill	1250
4359	Markwith	Markwith	450
4360	Cozinski	Cozinski	100
4361	Johnson	Johnson	1800
4362	Jones	Nyman	800
4363	W'n States Adv.	Owner	400
4364	Londor	Gen Bldg	400
4365	Harris	Braden	1000

4366	Lubarsky	Arthur	700
4367	Cesans	Cesans	500
4368	Scoble	Scoble	5000
4369	Sherman	Stockholm	1600
4370	P P I B.	Hannah	342680
4371	Metro Life	Purlong	137300
4372	Robertson	Coburn	4860
4373	Sharbaro	Miller	7800
4374	White	Parry	1900
4375	Paulson	Paulson	1200
4376	Sala	Olsen	1200
4377	Muller	Bellevue	2800
4378	Walker	McCarthy	1500
4379	Nichols	Fisher	7000
4380	Ellis	Donovan	1575
4381	Gardner	Kronklick	2500
4382	Nippert	Nippert	7500
4383	Gafford	Schmidt	3000
4384	Muehe	Pagendun	1250
4385	Grosh	Brueck	1625
4386	Stein	Grahn	1500
4387	Phelan	Am M & M	3350
4388	Same	Sutton	1275
4389	Yates	Yates	4400
4390	Gardner	Coburn	1100
4391	Crocker	Nipson	1800
4392	Grosh	U S Metal	3271
4393	Same	Brode	1966
4394	Same	Gilmour	12390
4395	Haner	Haner	2250
4396	Markwith	Markwith	400
4397	Badaracco	Owner	400
4398	Friedman	Friedman	8000
4399	Pac Coast Oyster	Grieb	400
4400	Selig	Selig	1000
4401	Atlas Pvg Brk Co	Owner	5000
4402	Parrell	Ploeger	4800
4403	Bazzaira	McKenzie	1000
4404	Hoelscher	Cazzaretto	450
4405	Born	Born	6000
4406	Same	Same	8000
4407	Haner	Haner	1800
4408	Galli	Gigli	604
4409	White	Parry	2000
4410	P P I B.	Newberry	16555
4411	Same	Lindgren	71704
4412	Kilpin	Kilpin	1000
4413	Zirkel	Pearson	1000
4414	Umbsen	Swenson	700
4415	Pordon	Pordon	1000
4416	Vason	Vason	500
4417	Prahm	Klain	1000
4418	Duggan	Duggan	100
4419	Capurro	Capurro	1000
4420	Fong Tai	Davis	400
4421	Wagner	Ratto	8375
4422	Ferro	Stagnaro	2500

(4351) ON POST & LEAVENWORTH.

Ornamental iron for building.
Owner.....Schmedell Est, 309 Front,
San Francisco by Cameron
& Disston, 180 Jessie, S. F.

Architect.....Frederick H. Meyer, Bankers' Investment Bldg., S. F.

Contractor.....Palatina Iron Works, Inc.
Filed Dec. 1, '13. Dated Nov. 26, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3334

Bond, in favor of material men. Sureties, A. Sedlmeyer and C. J. Ernst.
Limit, forfeit, plans and specifications, none.

(4352) S CLEMENT 58-6 W 24th Ave

W 24xS 100. All work except shades, gas and electric fixtures for one-story frame store building.

Owner.....Mrs. R. A. Paugh.

Architect.....None.

Contractor.....Thos. Hamill, 268 25th Ave.

San Francisco.

Filed Dec. 1, '13. Dated Dec. 1, '13.

Frame up and roof on.....\$342.50

Brown coated..... 342.50

Completed and accepted..... 342.50

Usual 35 days..... 342.50

TOTAL COST, \$1370.00

Bond, none. Limit, \$0 days. Forfeit, none. Plans and specifications filed.

(4353) S JERSEY 225 E Noe S 114x E 25

All work for one-story and basement frame residence.

Owner.....Jas. & Agnes Tobin, Central Emergency Hospital, S. F.

Architect.....None.

Contractor.....F. W. Lurmann, 1334 Hyde,

San Francisco.

Filed Dec. 1, '13. Dated Dec. 2, '13.

Frame up.....\$547.50
Brown coated..... 547.50
Completed and accepted..... 547.50
Usual 35 days..... 547.50

TOTAL COST, \$2190.00

Bond, none. Limit, 60 days. Forfeit,

\$2. Plans and specifications filed.

(4354) E COMMONWEALTH, Jordan

Tract. All work for two-story frame residence.

Owner.....Julian Meyer, 244 Pine, S. F.

Architect.....Milton Lichtenstein, 111

Ellis, San Francisco.

Contractor.....Monson Bros., 1907 Bryant

San Francisco.

Filed Dec. 1, '13. Dated Dec. 1, '13.

Frame up and roof on.....\$1200

Brown coated..... 1500

Standing finish on..... 1800

Completed and accepted..... 1650

Usual 35 days..... 2050

TOTAL COST, \$8200

Bond, \$4100. Surety, Maryland Casualty Co. Limit, April 1, 1914. Forfeit,

none. Plans and specifications filed.

(4355) E MISSISSIPPI 75 S 18th. Two-

story and basement frame residence.

Owner.....E. A. Janssen, 929 Hearst

Bldg., San Francisco.

Architect.....H. C. Baumann, 505 Chroni-

cle Bldg., San Francisco.

Day's work..... COST, \$2000

(4356) NW JONES AND O'FARRELL.

General repairs to saloon.

Owner.....H. J. Power, 400 Ellis, S. F.

Architect.....None.

Contractor.....Brunswick, Balke, Collen-

der Co., 20th and Harrison,

San Francisco. COST, \$500

(4357) NO. 70 EDDY. Electric sign.

Owner.....Tivoli Theatre Co., Prem.

Architect.....None.

Contractor.....Brunfield Elec. Co., 18 7th,

San Francisco. COST, \$450

(4358) E MOULTRIE 175 S Eugenia.

One-story and basement frame dwlg.

Owner.....P. W. Montrouill, 255 Moul-

trie, San Francisco.

Architect.....None.

Day's work..... COST, \$1250

(4359) W NAPLES 175 S Brazil. One-

story and basement frame dwelling.

Owner.....Constance Markwith, 587

Naples, San Francisco.

Architect.....None.

Contractor.....D. A. Markwith, 587 Naples

San Francisco. COST, \$450

(4360) NO. 53 CARYER. Add two

rooms to dwelling.

Owner.....P. Cozinski, Premises.

Architect.....None.

Day's work..... COST, \$400

(4361) W EIGHTH AVE 100 S Noriega

One and one-half-story and basement

frame dwelling.

Owner.....Gustaf Johnson, 798A Eliz-

abeth, San Francisco.

Architect.....None.

Day's work..... COST, \$1800

(4362) N EDINBURGH 125 E Russia.

Genari repairs to cottage.

Owner.....Rowland Jones, 573 Edin-

burgh, San Francisco.

Architect.....None.



MAIN ELEVATION NEW ORPHEUM THEATRE
Salt Lake City

G. Albert Lansburgh, Architect
San Francisco



MAIN ENTRANCE NEW ORPHEUM THEATRE
Salt Lake City

G. Albert Lansburgh, Architect
San Francisco



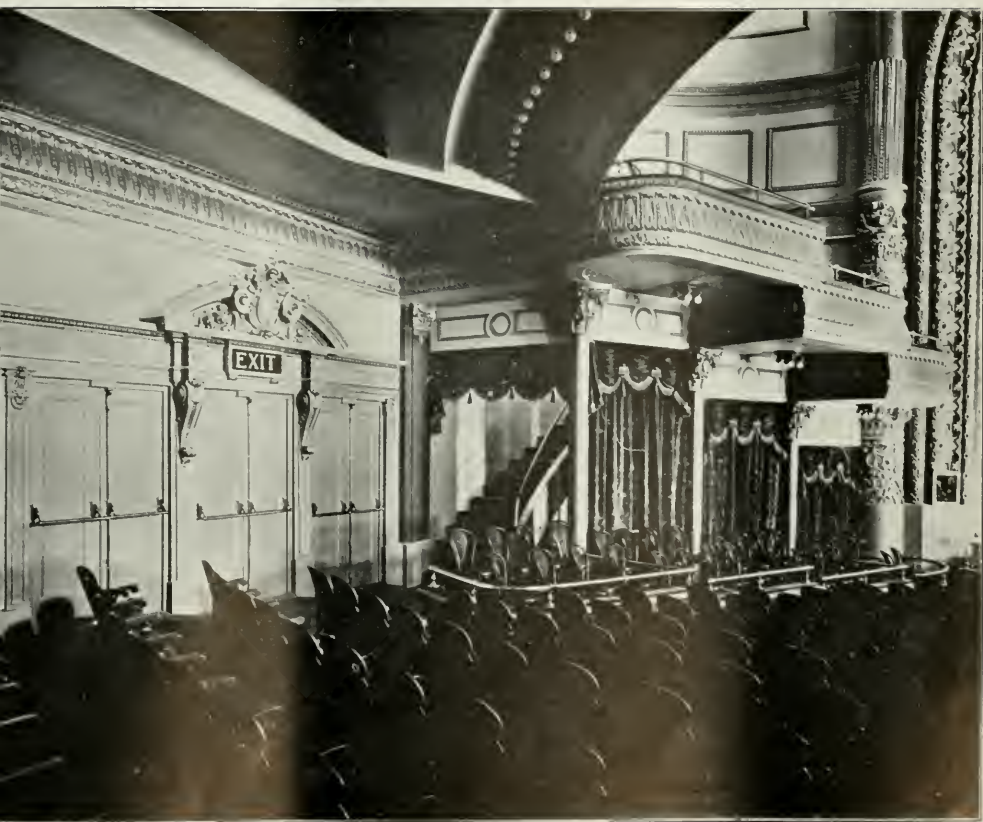
DETAIL IN MAIN LOBBY NEW ORPHEUM THEATRE
Salt Lake City

G. Albert Lansburgh, Architect
San Francisco



VIEW OF INTERIOR FROM EXTREME HEIGHT OF BALCONY
Orpheum Theatre, Salt Lake City

G. Albert Lansburgh, Architect
San Francisco



VIEW OF THE BOXES, NEW ORPHEUM THEATRE
Salt Lake City

G. Albert Lansburgh, Architect
San Francisco



VIEW OF AUDITORIUM FROM UNDER BALCONY, ORPHEUM THEATRE.
Salt Lake City

G. Albert Lansburgh, Architect
San Francisco

Contractor...C. Nyman, 109 Madrid, San Francisco.

COST, \$800

(4363) NO. 966 MARKET. Roof sign. Owner.....Western States Adv. Co., 370 Valencia, S. F.

Architect...None.
Day's work. COST, \$400

(4364) S EUSIE 137½ W Laguna. Minor repairs.

Owner.....H. London, Sansome bet. Washington & Jackson, S F

Architect...None.
Contractor...General Bldg Work Co., 714 Sansome, San Francisco.

COST, \$400

(4365) NO. 383 TWENTY-FIRST AVE. Install (2) brick bake ovens.

Owner.....John Harris, 379 21st Ave., San Francisco.

Architect...None.
Contractor...Braden & Shore, 5718 Geary San Francisco.

COST, \$1000

(4366) NO. 424 BALBOA (rear). One-story frame store room.

Owner.....P. Lubarsky, Premises.

Architect...None.
Contractor...A. B. Arthur, 1242A 2nd Ave., San Francisco.

COST, \$700

(4367) NO. 1423 MASON. Minor repairs on building.

Owner.....Angelina Cesana, 648 Valjejo, San Francisco.

Architect...None.
Day's work. COST, \$500

(4368) N LAKE 90 E 20th Ave. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$5000

(4369) S UNION 87-6 E Fillmore. One-story frame store.

Owner.....Mrs. L. E. Sherman, Kearny and Sutter, S. F.

Architect...None.
Contractor...Stockholm & Allyn, 676 Monadnock Bldg., S. F.

COST, \$1600

(4370) EXPOSITION SITE. Construction of Fine Arts Building.

Owner.....Panama-Pacific International Exposition Co. Service Bldg., S. F.

Architect...B. R. Maybeck, 35 Montgomery, San Francisco.

Contractor...J. D. Hannah, Monadnock Bldg., San Francisco.

Filed Dec. 2, '13. Dated Nov. 18, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$342,680

Bond, \$150,000. Surety, Globe Indemnity Co. Limit, 200 days. Forfeit, \$150

Plans and specifications filed.

(4371) NE STOCKTON AND PINE E 137-6xN 137-6. All work except gas and electric work and shades for alterations and additions to bldg.

Owner.....The Metropolitan Life Insurance Co., Callaghan Bldg., San Francisco.

Architect...Miller & Colmesnil, Lick Bldg., San Francisco.

Contractor...Jas. Furlong, 663 Fillmore San Francisco.

Filed Dec. 2, '13. Dated Nov. 29, '13.

Within 10 days of 1st of each month as work progresses..... 75%

Usual 35 days, 25%.....\$34,325

TOTAL COST, \$137,300

Bond, \$68,650. Sureties, Lester L. Morse, Jno. Martin and Fred H. Brainer

Limit, 10 months. Forfeit, \$25. Plans and specifications filed.

(4372) E BAKER 87-6 N Green N 25x E 87-6. All work for two-story and basement frame residence.

Owner.....Alice V. Robertson.

Architect...T. P. Ross, 310 California, San Francisco.

Contractor...Ira W. Coburn, Inc., Hearst Bldg., San Francisco.

Filed Dec. 2, '13. Dated Dec. 2, '13.

Frame up\$1240

White coated 1240

Completed and accepted..... 1240

Usual 35 days..... 1240

TOTAL COST, \$4960

Bond, \$2480. Sureties, T. P. S. Brown and Edw. H. Schroder. Limit, 75 days.

Forfeit, \$10. Plans and specifications filed.

(4373) W LARKIN 87-6 S California. One-story brick reinforced concrete garage.

Owner.....A. Sharboro, 460 Montgomery, S. F.

Architect...John H. Powers, 460 Montgomery, San Francisco.

Contractor...John Biller, 460 Montgomery, San Francisco.

COST, \$7800

(4374) W GRANADA 300 S Ocean Ave. One and one-half-story and basement frame dwelling.

Owner.....Geo. White, 222 Raymond Ave., San Francisco.

Architect...None.

Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.

COST, \$1900

(4375) NE AZTEC AND COSO. One-story and basement frame dwelling.

Owner.....M. Paulson, 232 Lily Ave., San Francisco.

Architect...Palch & Knoll, 715 Hearst Bldg., San Francisco.

Day's work. COST, \$1200

(4376) W CASTRO 26-6 N Day. One-story and basement frame dwelling.

Owner.....A. G. Sala, 839 Copp, S. F.

Architect...None.

Contractor...H. J. Olsen, 2869 Harrison, San Francisco.

COST, \$1200

(4377) N KIRKHAM 70 E 14th Ave. Two-story and basement frame residence.

Owner.....T. Mullen, 28 Rausch, S. F.

Architect...None.

Contractor...Chas. F. Beha, 682 4th Ave S. F.

COST, \$2800

(4378) E PARIS 350 N Excelsior. One and one-half-story and basement frame dwelling.

Owner.....Chas. Walker, 647 Elizabeth, San Francisco.

Architect...John J. Foley, 46 Kearny, San Francisco.

Contractor...J. F. McCarthy, 432 Eureka San Francisco.

COST, \$1,000

(4379) FOREST HILL TRACT, Lot 16 Blk No. 22. Two-story and basement frame residence.

Owner.....Helen Ladd Nichols, 103 Montgomery, S. F.

Architect...D. C. Coleman, 702 Merchants National Bk Bldg., San Francisco.

Contractor...M. Fisher, 105 Montgomery San Francisco.

COST, \$7000

(4380) W EDGEWOOD 182½ N Farnsworth. One-story and basement frame dwelling.

Owner.....Mrs. Eells, Mill Valley.

Architect...None.

Contractor...T. J. Donovan, 1477 6th Ave., San Francisco.

COST, \$1575

(4381) W MASONIC AVE 57 S Geary. Two-story frame store and dat.

Owner.....Rosa Gardella, 2703 Geary, San Francisco.

Architect...None.

Contractor...Peter Kronnick, 907 Haight, San Francisco.

COST, \$2500

(4382) W DEVISADERO 25 S Haight. Three-story and basement frame (6) apartments.

Owner.....Paul M. Nippert, Insurance Exchange, San Francisco.

Architect...None.

Day's work. COST, \$7500

(4383) NO. 2733 PIERCE. Alterations and repairs to residence.

Owner.....H. S. Gafford, 2548 Fillmore, San Francisco.

Architect...Rankin & Symmes, 68 Post, San Francisco.

Contractor...Peter N. Schmidt, 1011 Franklin, Oakland.

COST, \$3000

(4384) NOS. 408-412 ELEVENTH. Repair iron works.

Owner.....Lillian Muebe, 1731 Laguna, San Francisco.

Architect...Frank A. Pagendarm, 1033 Church, San Francisco.

Contractor...John Pagendarm, 548 Harrison, San Francisco.

COST, \$1250

(4385) S RIPLEY 219-3 E Alabama E 30 S 180 Ptn P V Lot 197. All work for one-story and basement frame cottage.

Owner.....Edmund Grosh.

Architect...None.

Contractor...Michael Brueck, 600 Charter Oak, San Francisco.

Filed Dec. 3, '13. Dated Nov. 25, '13.

Frame up\$380

Brown coated 380

Completed 380

Usual 35 days..... 385

TOTAL COST, \$1525

Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

(4386) W FOLSOM -- LOT 484 Gift Map No. 2. All work for one and one-half-story and basement frame cottage.

Owner.....J. H. Stein.

Architect...Wm. H. Grahn.

Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.

Filed Dec. 3, '13. Dated Nov. 28, '13.

Frame up\$375

1st coat plaster on..... 375

Completed and accepted..... 375

Usual 35 days..... 375
TOTAL COST, \$1500
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4387) W JESSIE AND FOURTH NW 75xSW 75. Marble work, etc., for 8-story Class "C" building.
 Owner.....Wm. L. Phelan.
 Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.
 Contractor..American Marble & Mosaic Co., 25 Columbia Sq., San Francisco.

Filed Dec. 4, '13. Dated Nov. 25, '13.
 On 1st and 15th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$3550
 Bond, \$1775. Surety, American Surety Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(4388) TILED FLOOR AND WAINSCOTING on above.
 Contractor..John G. Sutton Co., 243 Minna, San Francisco.

Filed Dec. 4, '13. Dated Nov. 25, '13.
 Payments same as above.....
TOTAL COST, \$4275
 Bond, \$2137.50. Surety, Maryland Casualty Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(4389) W EIGHTH AVE 150 S Cabrillo S 25x120. All work for two-story frame residence.
 Owner.....Jeanette Yates, 335 21st Ave., San Francisco.
 Architect...Martin A. Schmidlin, 3115 Jackson, San Francisco.
 Contractor..Wm. F. Yates, 335 21st Ave. San Francisco.

Filed Dec. 4, '13. Dated Dec. 1, '13.
 Frame up ready for roofing.....\$1100
 Brown coated 1100
 Completed 1100
 Usual 35 days..... 1100
TOTAL COST, \$4400
 Bond, none. Limit, 90 days after Dec. 10. Forfeit, none. Plans and specifications filed.

(4390) A TAYLOR 59-9 S Clay S 25x E 80. All work except wall beds, steam heating, finish hardware, lighting fixtures, window shades, wall paper, fire escapes and gas ranges for three-story and basement frame apartments.
 Owner.....Jas. Ward, Novato, Cal.
 Architect...C. O. Clausen, Phelan Bldg. San Francisco.
 Contractor..Chas. Coburn, 4030 24th. San Francisco.

Filed Dec. 4, '13. Dated Dec. 4, '13.
 2nd floor joists set.....\$1650
 Frame up 1650
 Brown coated 1650
 Standing finish on 1650
 Completed and accepted..... 1650
 Usual 35 days..... 2750
TOTAL COST, \$11,000
 Bond, \$5500. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4391) POWELL & GEARY. Vacuum electric power control Pneumatic tube system for St. Francis Hotel.
 Owner.....Crocket Hotel Co.
 Architect...None.
 Contractor..The Lawson Co., Call Bldg. San Francisco.

Filed Dec. 4, '13. Dated Nov. 24, '13.
 On 10th of each month.....
 Usual 35 days..... Balance
TOTAL COST, \$1800

Bond, limit, forfeit, none. Plans and specifications, none.

NOTE:—In addition to above price contractor to receive all surplus material on hand and removed.

(4392) N SUTTER 100 W Powell. sheet metal work for eight-story hotel building.
 Owner.....M. D. Grosh, E. G. Larzere and Louise M. Sage.
 Architect...N. W. Sexton, Chronicle Bldg., San Francisco.

Contractor..United States Metal Products Co., 525 Market, S. F.
 Filed Dec. 4, '13. Dated Dec. 1, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$3271
 Bond, \$1700. Surety, American Surety Co. Limit, April 1, '14. Forfeit, \$20. Plans and specifications filed.

(4393) MISCELLANEOUS IRON WORK on above.
 Contractor..Brode Iron Works, 31 Hawthorne, San Francisco.
 Filed Dec. 4, '13. Dated Dec. 2, '13.
 On 1st and 15th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$1966

Bond, \$1000. Surety, Fidelity & Deposit Co. of Maryland. Limit, April 1, 1914. Forfeit, \$10. Plans and specifications filed.

(4394) PLASTERING ON ABOVE.
 Contractor..Wm. H. Gilmour, 110 Jessie San Francisco.

Filed Dec. 4, '13. Dated Dec. 1, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$12,390
 Bond, \$6500. Surety, Massachusetts Bonding & Insurance Co. Limit, March 1, 1914. Forfeit, \$25. Plans and specifications filed.

(4395) NW GENEVA AND VIENNA. Two-story frame store and flat.
 Owner.....John F. Haner, 3579 19th. San Francisco.
 Architect...None.
 Day's work..... COST, \$2250

(4396) W NAPLES 300 S Brazil. One-story frame shop.
 Owner.....Constance Markwith, 587 Naples, San Francisco.
 Architect...None.
 Contractor..D. A. Markwith, 587 Naples S. F. COST, \$400

(4397) NO. 1331 PACIFIC. Raise and rat proof flats.
 Owner.....G. Badaracco, Premises.
 Architect...None.
 Contractor..L. Badaracco, Premises.
COST, \$400

(4398) E DOLORES 40 S Railway. Three-story and basement frame (13) apartments.
 Owner.....I. Friedman, 3468 17th, S F
 Architect...D. C. Coleman, 720 Merchants' Exchange Bldg., San Francisco.
 Day's work..... COST, \$8000

(4399) NO. 88 MARKET. Replace marble counter.
 Owner.....Pacific Coast Oyster Co., 88 Market, San Francisco.
 Architect...None.
 Contractor..H. T. Grieb, 1020 Greenwich, San Francisco.
COST, \$400

(4400) S AITHUR 350 W Mendell. Two-story frame stable.
 Owner.....Isadore Selig, 333 Kearny, San Francisco.
 Architect...None.
 Day's work..... COST, \$300

(4401) HOLLISTER AND GRIFFITH. Erect brick kiln.
 Owner.....Atlas Paving Brick Co., Royal Insurance Bldg., S. F.
 Architect...None.
 Day's work..... COST, \$5000

(4402) NW BALBOA & FIFTH AVE. Add one-story (flats) to frame store.
 Owner.....J. Parrell, Premises.
 Architect...E. N. Essmann, 2805A 24th. San Francisco.
 Contractor..J. M. Ploeger, 3265 26th, S. F. COST, \$4800

(4403) S LOMBARD 75 E Scott. One-story frame store and 3 rooms.
 Owner.....G. Bazzaira, 3318 Steiner, San Francisco.
 Architect...None.
 Contractor..K. H. McKenzie, 2783 McAllister, San Francisco.
COST, \$1000

(4404) NO. 2425 GREEN. Concrete walk and steps.
 Owner.....Wm. Hoelscher, Premises.
 Architect...None.
 Contractor..Cazzaretto & Co., 2503 Franklin, San Francisco.
COST, \$450

(4405) LOT "A" Sea Cliff 22nd Ave. Two-story basement and attic frame residence.
 Owner.....S. A. Born Bldg. Co., 660 Market, San Francisco.
 Architect...Edw. G. Bolles, 660 Market San Francisco.
 Day's work..... COST, \$6000

(4406) LOT "B" Sea Cliff 22nd Ave. Two-story basement and attic frame residence.
 Owner.....S. A. Born Bldg. Co., 660 Market, San Francisco.
 Architect...Edw. G. Bolles, 660 Market San Francisco.
 Day's work..... COST, \$8000

(4407) SW CORDORA AND SEVILLE. One-story frame dwelling.
 Owner.....Jno. F. Haner, 3579 19th, San Francisco.
 Architect...None.
 Day's work..... COST, \$1800

(4408) E POLK 51-4 N Union N 24-4 SE 100. All work for three-story and basement frame flats.
 Owner.....Guglielmo Galli, 2414 Polk San Francisco.
 Architect...None.
 Contractor..A. Gigli & Co., 2124 Polk, San Francisco.
 Filed Dec. 5, '13. Dated Dec. 4, '13.
 Roof on\$2000
 1st coat plaster on..... 2000
 Completed 1000
 Usual 35 days..... 1043
TOTAL COST, \$6043
 Bond, none. Limit, April 1, '14. Forfeit, none. Plans and specifications filed.

(4409) LOTS 50 AND 51 BLK 10, Lakeview. All work for one and one-half-story frame building.
 Owner.....G. W. and Theresa White 257 Panama, S. F.

Architect...None.
Contractor...T. H. Parry, 222 Raymond, San Francisco.
Filed Dec. 5, '13. Dated Nov. 17, '13.
Frame up\$500
Brown coated 550
Completed 550
Usual 35 days..... 400

TOTAL COST, \$2000
Bond, none. Limit, 40 days after Nov. 23. Forfeit, plans and specifications, none.

(4410) SW GROVE AND LARKIN W 412-6X8 275. Electrical work for Exposition Auditorium.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...Jno. G. Howard, Fredk. H. Meyer and Jno. Reid, Jr., 604 Mission, S. F.

Contractor...Newbery - Bendheim Co., Humboldt Bank, S. F.
Filed Dec. 5, '13. Dated Nov. 14, '13.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$16,555
Bond, \$9000. Surety, Southwestern Surety Insurance Co. Limit, Nov. 18, '14. Forfeit, \$35. Plans and specifications filed.

(4411) CONSTRUCTING THE EXPOSITION Auditorium.
Contractor...Lindgren Co., Monadnock Bldg., San Francisco.

Filed Dec. 5, '13. Dated Nov. 29, '13.
Payments same as above.....

TOTAL COST, \$717,014
Bond, \$380,000. Surety, Royal Indemnity Co. Limit, Dec. 8, 1914. Forfeit, \$150. Plans and specifications filed.

(4412) NO. 145 ARKANSAS. One-story and basement frame dwelling.
Owner.....Val Kiplen, Premises.
Architect...None.
Day's work. COST, \$1000

(4413) NE CLEMENTINA AND SIXTH. Raise and underpin apartments.
Owner.....A. Zirkel, 1211 Broadway, Alameda.

Architect...None.
Contractor...E. K. Pearson, 2362 Bryant, San Francisco.
COST, \$1000

(4414) NO. 1024 KEARNY. Repair fire damage.
Owner.....G. H. Umlsen, 20 Montgomery, San Francisco.

Architect...None.
Contractor...Peter Swenson, 230 Tehama, San Francisco.
COST, \$700

(4415) W POWELL 69-4 N Union. One-story frame shop.

Owner.....J. Pordon and G. Haralla, 453 Columbus Ave., S. F.
Architect...None.
Day's work. COST, \$1000

(4416) NO. 240 BRIGHTON. Repair and alter cottage.

Owner.....F. F. Vason, Premises.
Architect...None.
Day's work. COST, \$500

(4417) NO. 1442 EIGHTH AVE. Concrete floor and minor alterations.

Owner.....Carl Frahm, Premises.
Architect...A. Klahn, 27 Chenery, S. F.
Contractor...A. Klahn & Sons, 27 Chenery, San Francisco.
COST, \$1000

(4418) W EMBARCADERO 45-10 S Mission. Change window and put in stairs.
Owner.....Jas. B. Duggan and W. J. Yore, 32 Montgomery, S. F.
Architect...None.
Day's work. COST, \$400

(4419) SE BROADWAY AND BARTOLLA. Erect concrete retaining walls.

Owner.....N. Capurro, 1351 Grant Ave San Francisco.
Architect...Louis Mastropasqua, 5 Washington, S. F.
Day's work. COST, \$100

(4420) NO. 7 NOTINGHAM PLACE. New floor and partition.

Owner.....Fong Tai Co., 957 Grant Ave., San Francisco.
Architect...None.
Contractor...D. E. Davis, 392 3rd, S. F.
COST, \$400

(4421) S HARRISON AND HAYWARD SW 80XSE 75. All work for three-story frame bottling house.

Owner.....C. F. Wagner Co., 9th and Mission, San Francisco.
Architect...Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor...Ratto & Giannini, 232 Hartford, San Francisco.

Filed Dec. 6, '13. Dated Dec. 4, '13.
Frame up ready for roofing.....\$218.75
1st coat plaster on..... 218.75
Completed and accepted..... 218.75
Usual 35 days..... 218.75

TOTAL COST, \$875.00
Bond, \$4437. Sureties, O. Giannini and H. Ratto. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(4422) SW VISITATION & BRITTON 37X110. All work except gas fixtures, window shades and finished hardware for two-story and basement frame flats.

Owner.....Carlotta & Pietro Ferro, 146 Cora, San Francisco.
Architect...None.

Contractor...Stagnaro, Garibaldi & Giordo, 14 Crane, S. F.

Filed Dec. 6, '13. Dated Nov. 29, '13.
Frame up\$625
Brown mortar on..... 625
Completed and accepted..... 625
Usual 35 days..... 625

TOTAL COST, \$2500
Bond, \$250. Sureties, V. Garibaldi and Gi. Giordo. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING OPERATIONS FOR MONTH OF NOVEMBER.

Private building construction throughout the city for the month of November, as reported by the Building Inspection Bureau of the Board of Public Works, show a total of 447 permits at an estimate cost of \$1,142,986. This does not include Exposition work being carried on in the Fair Grounds nor Municipal improvements. Complete report as follows:

Class	No. of Bldgs.	Amount
Class "A"	1	\$100,000
Class "B"	1	36,895
Class "C"	15	312,115
Frames	189	519,757
Alterations	241	102,219
Total	447	\$1,142,986

Report for Year, 1912.

Class	No. of Bldgs.	Amount
Class "A"	2	\$ 541,804
Class "B"	3	95,000

Class "C"	22	538,650
Frames	177	622,467
Alterations	263	115,011
Total	467	\$1,912,932

NOTICE OF NON-RESPONSIBILITY.

Dec. 2, 1913—SW ST. ROSES & MASONIC Aves S 540X550. The Roman Catholic Archbishop of S F as to improvements on leased property..

NOTICE OF NON-RESPONSIBILITY.

Dec. 3, 1913—LOTS 1 AND 2 BLK 4; Lot 33 Blk 5; Lot 11 Blk 5; W 1/2 Lot 1 Blk 14; Lot 7 Blk 15; Lot 30 Blk 12; Lot 12 Blk 26, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property

BUILDINGS ERECTED SINCE THE FIRE.

Building records show that \$233,217-767 has been invested in building construction since the fire of 1906.

This amount does not include the vast expenditures being made by the Exposition Company in the Fair Grounds, nor does it include the permanent improvements being made by the United States Government in the fortifications and administration buildings within the city limits; neither does it include the State's quota in harbor improvements, docking facilities, Armory and State Normal School extensions.

The following is a tabulated report on all building construction from May, 1906 to November 29th, 1913:

Class	No. of Bldgs	Amount
Class "A"	163.	\$ 32,212,954
Class "B"	195	14,273,556
Class "C"	2619	77,896,958
Frames	23987	91,701,822
Alterations	20944	17,132,447
Total	47908	\$233,217,767

CESSATION OF LABOR.

Dec. 4, 1913—N FRANCISCO 50 E Steiner E 200XN 250; NW Francisco and Gough W 200X8 200; SW Tonquin and Lyon S 200XE 150. Panama-Pacific Exposition Co with H Chase....Work ceased Nov. 1, 1913

NOTICE OF NON-LIABILITY.

Dec. 6, 1913—SE POLK AND SACRAMENTO S 50XE 50, Fannie C Haber Wm J Haber, Jos Haber, Jr, S B Haber, Wm B Haber and Harold Haber as to improvements on leased property.....

NOTICE OF NON-RESPONSIBILITY.

Dec. 6, 1913—W SHOTWELL 135 N 23rd N 35XW 122-6. Henry and Morris Windt as to improvements on leased property

COMPLETION NOTICES.

San Francisco.

Dec. 1, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to City Street Imp Co, Jas B Clow & Sons, Nov. 29; John G Sutton Co, Nov. 26; Ickelheimer Bros Co, Nov. 24; John G Sutton Co.....Nov. 26, 1913
Dec. 1, 1913—S SUTTER 137-6 E

Larkin E 57-6 S 110-S E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Wm Schaffer.....Oct. 30, 1913
 Dec. 1, 1913—E TWENTIETH AVE 275 N Clement N 25xE 120. Charles A and Anna E Newcomb to Charles R Hawcroft.....Nov. 24, 1913
 Dec. 1, 1913—N GREENWICH 137-6 E Jones E 29-10x 137-6. Giovanni Battista Torre to Norio Cavaglia.....Nov. 26, 1913
 Dec. 1, 1913—N LOMBARD 82-6 E Jones E 27xN 100. E Boschetti to G Chlappe.....Nov. 29, 1913
 Dec. 1, 1913—SW SECOND 100 NW Townsend NW 50xSW 160. Moore Inv Co to Butte Eng & Elec. Co.....Nov. 22, 1913
 Dec. 1, 1913—SE VAN NESS AND Pacific Aves S 102-84xE 100. M Krotoszyner to T W McClenahan & Co.....Nov. 28, 1913
 Dec. 1, 1913—S TWENTY-SECOND 67 E Shotwell E 29-3xS 95. J P Mirassout to Gustave Anderson.....Nov. 19, 1913
 Dec. 2, 1913—S POST 162-6 W Frank-En W 75xS 137-6. George W Frank (as Frank Printing Co) to Barrett & Hlip.....Nov. 28, 1913
 Dec. 2, 1913—W NINETEENTH AVE 356 N Carbrillo 31-6x120. Jeanette Yates to whom it may concern.....Nov. 29, 1913
 Dec. 2, 1913—E TWENTY-FIRST AVE 79 S Lake 25xS2-6. Jeanette Yates to whom it may concern.....Nov. 29, 1913
 Dec. 2, 1913—S TWENTY-SECOND 90 E Valencia S 55xE 35. Howse Bros, Inc to J M Ploeger.....Dec. 2, 1913
 Dec. 2, 1913—LOT 9 BLK 11 St. Francis Wood. Westgate Park Co to O C Holt.....Nov. 19, 1913
 Dec. 2, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley and H P Stoltenberg to Geo Haub.....Nov. 20, 1913
 Dec. 2, 1913—E THIRTEENTH AVE 100 N Kirkham N 25xE 120. Jno Bjorkman and Oscar Swanson to whom it may concern.....Dec. 1, 1913
 Dec. 3, 1913—S SUTTER 164-6 E Taylor E 60-9xS 137-6. Trowbridge & Perkins to H Maundrell, Nov. 26, '13 Larsen & Larsen.....Nov. 26, 1913
 Dec. 3, 1913—NW SCOTT AND POST N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to Atlas Heating & Ventilating Co.....Nov. 26, 1913
 Dec. 3, 1913—E POTRERO AVE 150 N 25th N 25xE 100. Theodore E Steiner to Jacob F Nielsen, Dec. 1, '13
 Dec. 3, 1913—E HYDE 68-9 S Filbert S 25-10xE 68-9. Henry C Pausmann to Paul De Martini.....Dec. 2, 1913
 Dec. 3, 1913—S CALIFORNIA 87-6 W Davis W 50xS 137-6. John A Grennan to J H Hjul.....Completed
 Dec. 3, 1913—NE WASHINGTON & Octavia W 137-6 N 117-84 W 127-6 S 127-84. H B Spreckels to Vermont Marble Co.....Nov. 28, 1913
 Dec. 3, 1913—E MASON 137-6 N O'Farrell N 32-6 E 17-6 S 50-104 W 60—77-6. Wm F Wilson Estate to I Kissel.....Nov. 29, 1913
 Dec. 3, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-104 W 60—77-6. Wm F Wilson Estate to Central Elec Co.....Dec. 3, 1913
 Dec. 3, 1913—NW JACKSON AND Drumm N 90xW 50. Thos W Butcher to Harry Maundrell.....Dec. 2, 1913
 Dec. 3, 1913—S SUTTER 164-6 E

Taylor E 60-9xS 137-6. W F Perkins and H O Trowbridge to John G Sutton.....Nov. 29, 1913
 Dec. 4, 1913—N NINETEENTH 185 W Church W 25xN 114. Mary T Renault to Bell & Rosstow.....Nov., 1913
 Dec. 4, 1913—W BUCHANAN 112-6 S Waller 25x117. Mary J McLeod to J J Heaphy.....Dec. 1, 1913
 Dec. 4, 1913—NW GEARY AND VAN Ness Ave N 275xW 157-6. Van Ness Realty Co to Pacific Floor Sanding Co.....Nov. 20, 1913
 Dec. 4, 1913—E STOCKTON 50 S Sutter E 80xS 40-84. Sierra Inv. Co to Gus N Daniels.....Dec. 4, 1913
 Dec. 4, 1913—N VALLEJO 51-3 W Octavia W 27xN 125. John V Leonard and Cella S Leonard to whom it may concern.....Dec. 4, 1913
 Dec. 4, 1913—NE EIGHTEENTH AND Guerrero N 27xE 32. Eisenbach Co to A Dahlberg.....Dec. 3, 1913
 Dec. 4, 1913—N HOWARD 375 E 5th N 80 W 100 N 80 E 125 S 160 W 25. Boyd Inv Co to Brandon & Lawton.....Dec. 3, 1913
 Dec. 5, 1913—SW TWENTIETH AVE AND Lake W 43-6xS 104. J W Leavitt to Thos Elam & Son.....Dec. 5, 1913
 Dec. 5, 1913—N OTSEGO AVE 200 S Santa Ysabel Ave S 25xW 125. A A Wesendunk to whom it may concern.....Dec. 5, 1913
 Dec. 5, 1913—S ROSE AVE 110 E Gough E 27-6 S to NW Market SW to a pt caused by intersection of a line at ra to Rose Ave at pt of beg with NW Market N to S. Rose Bruce Cornwall to Gus V Daniels, Nov. 28; Frank M Garden & Frank B Peake, co-partners.....Nov. 28, 1913
 Dec. 5, 1913—E COMMONWEALTH AVE 200 S California S 33-4xE 120. William H Cobb to J C Warner & Sons.....Dec. 3, 1913

LIENS FILED

San Francisco.

Dec. 1, 1913—E FORTY-SEVENTH AVE 260 S Balboa S 100xE 120. J H Kruse vs E B Hallett.....\$327.10
 Nov. 29, 1913—S BRUCE 50 E Harold Ave. The Greater City Lumber Co vs Joseph Brayshaw.....\$153.55
 Dec. 2, 1913—S DUNCAN 180 W Castro W 25xS 114. Spring Valley Lumber Yard vs Theodore and Dora Werner.....\$119.26
 Dec. 2, 1913—NO. 131 ROTTECK N In 289 E Bosworth. The Greater City Lumber Co vs August Hormay.....\$648.05
 Dec. 2, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E 75. Frederick Rogers, \$56.25; Geo H Standish, \$60.50; N Rhine, \$33.75 vs S A Haas.....\$139.50
 Dec. 3, 1913—E TWENTY-NINTH AVE 225 N Anza N 25xE 120. H O Bowen vs J B Levy and Miss F Levy and James Tarblitt and Fred Knott.....\$120
 Dec. 3, 1913—N TWENTY-EIGHTH 292 W Noe W 25xS 114. William Myers vs Charles Anderson.....\$110
 Dec. 3, 1913—E HOLLIS 75 S O'Farrell S 25xE 90. David Gibbs vs J A Bergerot and Peter Hansen.....\$248.55
 Dec. 4, 1913—W JONES 43 N O'Farrell N 50xW 137-6. Durable Paint & Color Co, Inc vs S A Haas and R W Rogers.....\$130.90
 Dec. 4, 1913—SE PINE AND POWELL

B C Van Emon vs J Bohlig or J H Bohlig.....\$375
 Dec. 5, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E 75. Pacific Hardware & Steel Co vs S A Haas, J Steur, W L Bury and L Heipner.....\$84.45
 Dec. 5, 1913—NE BUSH AND GRANT AVE 60xN 77-6. Pacific Hardware & Steel Co vs Louis Friedman Wm Van Herick and L Heipner.....\$136.50
 Dec. 5, 1913—NW BALBOA AND LA Playa W 229-14 N along curve line of Great Highway 630 to S Anza E 280 S 210 E 165-44 S 331-5. A Savage.....\$95
 Dec. 5, 1913—E SAN BRUNO AVE 200 N 22nd N 25xE 100. Niels Jacobsen vs John Harang and W P Montague Co vs Hotaling Estate Co and Commercial Bldg Co.....\$75
 Dec. 4, 1913—NE BUSH & GRANT AVE 60xN 77-6. The Daniel O'Day Co vs Louis Friedman and Leopold and C Mollath.....\$86.10

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Hutchinson Bros, 470 13th street, Oakland. Owner, M. E. Vaughn. The dwelling will be erected on 4th avenue and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Automatic water heater will be installed. Bath room will have a composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$8,000. Berkeley, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Max Thelen. The dwelling will be erected in the Claremont Tract and has been designed for an eight room house with baths and sleeping porch. Interior will be handsomely finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Vacuum cleaning system will probably be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, H. M. Swalley, 745 Grand avenue, Oakland. The dwelling will be erected at the northeast corner of Cheney avenue and Walker street and will contain eight rooms, two baths and a sleeping porch. All interior finish will be of pine. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. The wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with

cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base frame, \$5,000. Oakland, Cal. Architect, none. Owner, Wallace Clark, 1131 Oakland avenue, Oakland. The dwelling will be erected on Mather street west of Gilbert and will contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base frame, \$15,000. Berkeley, Alameda Co., Cal. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Home Builders. The dwelling will be erected on the south side of Channing Way east of College avenue and has been designed for a 13 room house with several baths and sleeping porches. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater, vacuum cleaning and other modern conveniences will be installed. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

CHURCH — 1 and 2 story and base, brick or reinforced concrete, \$50,000. Architects, Coxhead and Knowles, Hearst Bldg., S. F. Owners, Plymouth Congregational Church. A new site has been secured at the corner of Piedmont and Laurel avenues and plans are rapidly being completed for the new structure. Design is in the English Gothic style and the building will be in the shape of a Greek cross. The sum of \$45,000 has already been raised and the balance is promised. Construction will not be started until February or March and it is hoped to complete the building by August of next year. Details of construction are not available at this time. Further mention will be made of the work.

Contracts Awarded.

CITY JAIL EQUIPMENT — \$30,000. Oakland, Cal. Architects, Hornbostel & Jones, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Pauly Jail Construction Co. Contract price, \$30,125.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
3450	Carleton	Carleton	1800
3463	Swalley	Swalley	5000
3464	Clark	Clark	500
3465	Western Pac.	Driver	752
3466	Sheridan	Sheridan	2150
3467	Consumers' Yeast	Munster	750
3468	Rubino	Wahlund	1000

3473	Armanino	Jones	9000
3474	Friedman	Levy	2349
3475	Same	Leiter	2437
3476	Same	Hadley	7330
3477	Same	Clinton	12990
3478	Same	Knowles	11327
3479	Same	Sutton	8250
3480	Same	Snook	8791
3481	Same	Vulcan	15851
3482	Same	Otis Elevator	3000
3483	Friedman	Haws	1372
3484	Same	Petersal	2347
3485	Same	Samuel Rfg	230
3486	Loughery	Laughery	2000
3487	Pfrang	Pfrang	2500
3488	Barbagelata	Almquist	5500
3489	Jung	Metal Slietler	500
3490	Damianakes	McCarthy	400
3491	Granlund	Bolts	2300
3492	Hunnewill	Hunnewill	1700
3493	Granlund	Bolts	2294
3494	Barrell	Butler	2500
3496	Hargrave	Silva	1700
3497	McGuinness	McGuinness	2000
3502	Gregory	Graves	40
3505	Spangler	Garfield	500
3506	Barrell	W'n Union	1600
3507	King	Wever	700
3508	Baker	Koller	400
3509	Abrahamson	Leiter	2500
3510	Hubb	Hinch	2500
3511	Bowman	Bay City Bldg	7850
3512	Hatcher	Campbell	1400
3513	Austin	Anderson	2500

(3460) W SIXTY-NINTH 325 S Arthur Oakland. One-story 5-room dwlg. Owner.....S. Carleton, 6996 Neld, Okd. Architect...None. COST, \$1500 Day's work.

(3465) NE CHENBY AVE & WALKER Ave., Oakland. Two-story 3-room dwelling. Owner.....H. M. Swalley, 745 Grand Ave., Oakland. Architect...None. Day's work. COST, \$5000

(3464) N MATHER 300 W Gilbert, Oakland. Two-story 5-room dwlg. Owner.....Wallace Clark, 1131 Oakland Ave., Oakland. Architect...None. Day's work. COST, \$4000

(3465) S WICKS LANDING AVE for 43 feet; N Wicks Landing Ave for 150 feet; S Estabrook St., 165 feet; N Estabrook St., 150 feet; S Harlan St., 200 feet; N Harlan 150 feet; S Castro 200 feet; N Castro 312 feet, San Leandro. Oil macadam sidewalks and curbing. Owner.....Western Pacific Railway Co., Mills Bldg., S. F. Architect...None. Contractor, John Driver, San Leandro. Filed Dec. 1, '13. Dated Nov. 18, '13. Completed and accepted..... 75% 36 days after..... 25% TOTAL COST, \$752.42 Bond, \$380. Surety, Massachusetts Fidelity & Insurance Co. Limit, 30 days from date of agreement. Forfeit, none. Plans and specifications filed.

(3466) W SIXTY-FOURTH AVE 100 S Virginia, Oakland. One-story 8-room dwelling. Owner.....K. M. Sheridan, 1020 Broadway, Oakland. Architect...None. Day's work. COST, \$2450

(3467) NO. 1372 FIFTH, Oakland. Addition. Owner.....Consumers' Yeast & Vinegar Works, Premises. Architect...None. Contractor, Munster & Born oldt, 1530 Broderick, S. F. COST, \$750

(3468) S TWENTY-FOURTH 103 W Adeline, Oakland. One-story four-room dwelling. Owner.....J. Rubino, 1000 Wood, Okd. Architect...None. Contractor, Perry Wahlund, 997 Wood, Oakland. COST, \$1000

(3473) E TELEGRAPH AVE 50 S 51st Oakland. One-story reinforced concrete nickelodeon and stores. Owner.....F. Armanino, 5104 Telegraph Ave., Oakland. Architect...A. W. Smith, 1010 Broadway, Oakland. Contractor, Jones Bros, 51st and Telegraph Ave., Oakland. COST, \$9000

(3474) SW SIXTEENTH AND CLAY S 60xW 100, Oakland. Electric work for seven-story and basement brick, concrete and steel hotel. Owner.....M. Friedman Realty Co. Architect...Henry H. Meyers, Kohl Bldg., San Francisco. Contractor, Levy Elec. Co., 539 Market, San Francisco.

Filed Dec. 2, '13. Dated Nov. 10, '13. Rough wiring installed.....\$1050.00 Completed and accepted..... 712.00 36 days after..... 587.50 TOTAL COST, \$2349.50 Bond, \$1174.75. Surety, Pacific Coast Casualty Co. Limit, 30 days after plastering completed. Forfeit, \$30. Plans and specifications filed.

(3475) CARPENTER WORK. MILL work store fronts, glazing, stairs, hardware, elevator fronts, composition floors, tile work, etc., on above. Contractor, E. T. Leiter & Sons, 3601 West, Oakland.

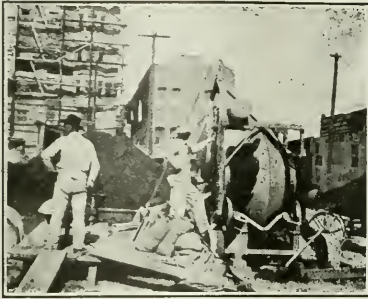
Filed Dec. 2, '13. Dated Nov. 10, '13. On 10th of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$25,457 Bond, \$13,228. Surety, Globe Indemnity Co. Limit, 40 days after plastering is completed. Forfeit, \$30. Plans and specifications filed.

(3476) BRICK WORK, TERRA COTTA etc., on above. Contractor, Charles B. Hadley, 185 Stevenson, San Francisco. Filed Dec. 2, '13. Dated Nov. 10, '13. Brick work up to under side of 4th floor..... 1/4 Brick work up to under side of 6th floor..... 1/4 Completed and accepted..... 1/4 36 days after..... 1/4 TOTAL COST, \$7830 Bond, \$2945. Surety, Aetna Accident & Liability Co. Limit, 35 days after wooden floor joists in place. Forfeit, \$30. Plans and specifications filed.

(3477) EXCAVATING, CONCRETE work reinforcing, cement foundations, curtain walls, side walks, granite curbs, side walk trap doors, and lights, etc., on above. Contractor, Clinton Fireproofing Co., Mutual Bank Bldg., S. F.

Filed Dec. 2, '13. Dated Nov. 10, '13. On 10th of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$13.90 Bond, \$6995. Surety, Globe Indemnity Co. Limit, 75 days from date of agreement. Forfeit, \$30. Plans and specifications filed.

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(3478) LATHING, PLASTERING, Cementing, damp proofing, imitation tiling, etc., on above.
Contractor...A. Knowles, 985 Folsom, San Francisco.
Filed Dec. 2, '13. Dated Nov. 10, '13.
Payments same as above.....
TOTAL COST, \$11,327
Bond, \$3663.50. Surety, Aetna Accident & Liability Co. Limit, 60 days after partitions ready for lath. Forfeit, none. Plans and specifications filed.

(3479) HEATING AND VENTILATING on above.
Contractor...John G. Sutton Co., 243 Minna, San Francisco.
Filed Dec. 2, '13. Dated Nov. 10, '13.
Rough piping installed, hot water storage tank set and all sheet metal ducts in place.....\$1435
Completed and accepted.....1135
36 days after.....960
TOTAL COST, \$3830
Bond, \$1915. Surety, National Surety Co. Limit, 30 days after standing finish on. Forfeit \$30. Plans and specifications filed.

(3480) PLUMBING ON ABOVE.
Contractor...Frederick W. Snook, 596 Clay, San Francisco.
Filed Dec. 2, '13. Dated Nov. 10, '13.
Rough piping in and certificate obtained\$3672
Completed and accepted.....3671
36 days after.....2448
TOTAL COST, \$9791
Bond, \$1895.50. Surety, U. S. Fidelity & Guaranty Co. Limit 10 days after standing finish erected. Forfeit, \$30. Plans and specifications filed.

(3481) IRON AND STEEL WORK ON above.
Contractor...Vulcan Iron Wks, Kearny and Francisco, S. F.
Filed Dec. 2, '13. Dated Nov. 10, '13.
On 10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$15,851
Bond, \$7925.50. Surety, Equitable Surety Co. Limit, 65 days from date of agreement. Forfeit, \$30. Plans and specifications filed.

(3482) ELEVATOR ON ABOVE.
Contractor...Otis Elevator Co., Beach and Stockton, S. F.
Filed Dec. 2, '13. Dated Nov. 10, '13.
Guides installed and elevator machinery delivered in basement...\$1125
Completed and accepted.....1125
36 days after.....750
TOTAL COST, \$3000
Bond, \$1500. Surety, National Surety Co. Limit, 30 days after standing finish erected. Forfeit \$30. Plans and specifications filed.

(3483) SW SIXTEENTH AND CLAY S 60xW 100, Oakland. Tin, galvanized iron, marquis, awning box 1 inlug, skylights, ventilator ducts, etc., for seven-story and basement brick, concrete and steel hotel.
Owner.....M. Friedman Realty Co.
Architect...Henry B. Myers, Kohl Bldg., San Francisco.
Contractor...L. Haws, 2130 University Ave., Berkeley.
Filed Dec. 2, '13. Dated Nov. 10, '13.
One-half completed\$514
Completed and accepted.....515
36 days after.....343
TOTAL COST, \$1372

Bond, \$686. Surety, Maryland Casualty Co. Limit, 30 days after brick work completed. Forfeit, \$20. Plans and specifications filed.

(3484) PAINTING, STAINING, Finishing, polishing, tinting, white washing, etc., on above.
Contractor...Martin Peterson, 215 29th, San Francisco.
Filed Dec. 2, '13. Dated Nov. 10, '13.
One-half completed\$890
Usual 35 days.....880
36 days after.....587
TOTAL COST, \$2347
Bond, \$1173.50. Surety, Southwestern Surety Insurance Co. Limit, 30 days after standing finish erected. Forfeit, \$30. Plans and specifications filed.

(3485) COMPOSITION ROOFING, overflows, etc., on above.
Contractor...Hubert David Samuel & Thomas H. Price, Monadnock Bldg., S. F.
Filed Dec. 2, '13. Dated Nov. 10, '13.
Completed and accepted.....\$210
36 days after.....70
TOTAL COST, \$280

Bond, \$140. Surety, Fidelity & Deposit Co. Limit, 10 days after roof construction in readiness. Forfeit, \$20 Plans and specifications filed.

(3486) LOT 119 Snyders Piedmont Terrace-by-the-Lake, Oakland. All work for two-story dwelling.
Owner.....Elizabeth Loughery, Okd.
Architect...None.
Contractor...J. F. Loughery, 705 31st, Oakland.

Filed Dec. 2, '13. Dated Dec. 2, '13.
Frame up $\frac{1}{4}$
Plastering completed $\frac{1}{4}$
Completed and accepted..... $\frac{1}{4}$
Usual 35 days..... $\frac{1}{4}$
TOTAL COST, \$3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(3487) W SIXTY-SIXTH AVE 160 S Arthur, Oakland. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(3488) N FORTY-THIRD 250 W Telegraph Ave., Oakland. Two-story 16-room flats.
Owner.....N. Barbagelata, 536 43rd, Oakland.
Architect...None.
Contractor...A. M. Almqvist, 464 43rd, Oakland. COST, \$5500

(3489) NO. 417 THIRTY-EIGHTH, Oakland. Galvanized iron garage.
Owner.....G. Jung, Premises.
Architect...None.
Contractor...Metal Shelter Co., 337 Golden Gate Ave., S. F.
COST, \$500

(3490) NO. 620 TWENTY-ETH, Oakland Alterations.
Owner.....N. Damianakes, Premises.
Architect...None.
Contractor...W. McCarty, 1922 Telegraph Ave., Oakland.
COST, \$100

(3491) W FORTY-SEVENTH AV' 141 N Ygnacio, Oakland. One and one half-story 6-room dwelling.

Owner.....W. C. Granlund, 1621 47th Ave., Oakland.
 Architect...None.
 Contractor...M. C. Bolts, 3116 Central Ave., Alameda.
 COST, \$2300

(3192) E STEWART 45 S Hopkins, Oakland. One-story 5-room dwlg.
 Owner.....W. Hunnewell, 2011 E-16th, Oakland.
 Architect...None.
 Day's work. COST, \$1700

(3494) W FORTY-SEVENTH AVE 144.30 N Ygnacio 44.30x115, Oakland. All work for one-story and attic dwelling.
 Owner.....W. C. Granlund, 1621 47th Ave., Oakland.
 Architect...None.
 Contractor...M. C. Bolts, Oakland.
 Filed Dec. 3, '13. Dated Nov. 3, '13.
 Frame up\$158.80
 1st coat plaster on.....458.50
 2nd coat plaster and exterior trim on458.80
 Completed458.80
 Usual 35 days.....458.80
 TOTAL COST, \$2294.00

Bond, \$1147. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(3495) LOT 2, BLK 2, Oaklawn Trct. All work for residence.
 Owner.....G. T. and P. A. Childers.
 Architect...None.
 Contractor...H. S. Butler, 5349 Manila Ave., Oakland.
 Filed Dec. 2, '13. Dated Aug. 18, '13.
 Payments, \$400 down and \$40 a month
 TOTAL COST, \$3500

Bond, limit, forfeit, none. Plans and specifications, none.
 NOTE.—H. S. Butler to build said house and G. T. and P. A. Childers to purchase said house and lot for \$3500.

(3496) E MANILA 100 S 51st, Oakland. One-story 6-room dwlg.
 Owner.....Arthur Hargrave, 1527 Broadway, Oakland.
 Architect...None.
 Contractor...J. P. Silva, 1732 7th, Bkly.
 COST, \$1700

(3497) N E-SIXTEENTH 72 W 57th Ave., Oakland. One-story five-room dwelling.
 Owner.....Jas. McGuinness, 5615 E-16th, Oakland.
 Architect...None.
 Day's work. COST, \$2000

(3502) NO. 1970 THIRTY-EIGHTH AVE., Oakland. Alterations.
 Owner.....Herbert Gregory, Prem.
 Architect...None.
 Contractor...H. D. Graves, 342 52nd Ave Oakland.
 COST, \$100

(3505) NO. 161 FORTY-FIRST, Oakland. Repairs.
 Owner.....Jos. Spangler, Premises.
 Architect...None.
 Contractor...Chas. C. Garfield, 2130 25th Ave., Oakland.
 COST, \$500

(3506) E SHEFFIELD 122 S Hopkins, Oakland. One-story 5-room dwelling.
 Owner.....Miss May Farrell, 4462 Linden, Oakland.
 Architect...None.

Contractor...Western Union Home Bldrs., 1617 Telegraph Ave., Oakland.
 COST, \$1600

(3507) SW TENTH AND MARKET, Oakland. Alterations and repairs.
 Owner.....J. H. King Estate.
 Architect...None.
 Contractor...Weber & Hazzard, Prem.
 COST, \$700

(3508) NO. 726 THIRTY-SIXTH AVE., Oakland. Alterations and additions.
 Owner.....T. A. Baker, Premises.
 Architect...None.
 Contractor...H. Kolfer, 2217 69th Ave., Oakland.
 COST, \$100

(3509) SE THIRTEENTH AND CLAY, Oakland. Remodel stores and basement in brick building.
 Owner.....Jules and Hugo Abrahamson, 13th and Washington, Oakland.
 Architect...C. C. W. Dickey, Central Bk. Bldg., Oakland.
 Contractor...E. T. Letter & Sons, 3601 West, Oakland.
 Filed Dec. 6, '13. Dated Dec. 6, '13.
 On 15th and 1st of each month 75¢
 Usual 35 days.....25¢
 TOTAL COST, \$—

Bond, none. Limit, Jan. 1, '14. Forfeit, none. Plans only filed.

(3510) E EVERETT AVE 415 Hampel, Oakland. One-story 5-room dwelling.
 Owner.....Jos. T. Hinch, 1542 Broadway, Oakland.
 Architect...None.
 Day's work. COST, \$2500

(3511) E HILLCREST ROAD, Oakland. Two-story 12-room dwlg.
 Owner.....J. C. Bowman.
 Architect...John Bauer, Clunie Bldg., San Francisco.
 Contractor...Bay City Bldg. Co., Menadnock Bldg., S. F.
 COST, \$787

(3512) N DAMUTH 250 W Laguna, Oakland. One-story 4-room dwlg.
 Owner.....Mrs. Ira Hatcher, 2429 Hopkins, Oakland.
 Architect...None.
 Contractor...T. Campbell, 3141 Pleitner Ave., Oakland.
 COST, \$1100

(3513) NO. 1422-24 BROADWAY, Oakland. Alterations.
 Owner.....Gec. W. Austin, Premises.
 Architect...None.
 Contractor...John Anderson, Premises.
 COST, \$2500

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
3461	Wren	Squires	00
3462	Herman	Meyer	1137
3469	Bartlett	Bartlett	1100
3470	United Builders	Owner	1300
3471	Walster	Pearson	3100
3472	S P	Bkly Dev	2500
3493	Beckett	Beckett	450
3498	Ala Co Home Bldrs	Owner	100
3503	Brizard	Buskirk	1000
3504	Turner	Jordan	1500

(3516) NO. 2019 PARKER, Berkeley. Addition.
 Owner.....J. A. Owen, Red Bluff, Cal.
 Architect...None.

Contractor...E. J. Squires, 2117 Rose, Berkeley.
 COST, \$500

(3462) W SEVENTH 150 S University Ave., Berkeley. One-story lodge building.
 Owner.....Herrman Sons.
 Architect...None.
 Contractor...F. Meyer and Borchard.
 COST, \$1137

(3469) W BELVEDERE 255.72 S Cedar Berkeley. One-story 4-room dwlg.
 Owner.....W. M. C. Bartlett, 1318 Talbot Ave., Berkeley.
 Architect...None.
 Day's work. COST, \$1100

(3470) W STANTON 90 N Ashby, Berkeley. One and one-half-story five-room dwelling.
 Owner.....United Home Bldrs., 4762 Broadway, Oakland.
 Architect...None.
 Day's work. COST, \$1800

(3471) S MONTEREY 50 W Fresno, Berkeley. One-story 6-room dwlg.
 Owner.....G. Wallster.
 Architect...None.
 Contractor...Ben Pearson, 2403 Grant, Berkeley.
 Cost, \$3100

(3472) SE SUTTER AND DEL NORTE Berkeley. One-story 3-room station.
 Owner.....Southern Pacific Co.
 Architect...None.
 Contractor...Berkeley Development Co., Studio Bldg., Berkeley.
 COST, \$2500

(3493) N CHANNING WAY 150 W Shattuck, Berkeley. Install furnace.
 Owner.....E. F. Beckett, 2035 Channing Way, Berkeley.
 Architect...None.
 Contractor...J. P. Beckett, 2035 Channing Way, Berkeley.
 COST, \$450

(3498) S CHANNING WAY 135 E College Ave., Berkeley. Two-story and attic 15-room Sorority House.
 Owner.....Alameda County Home Bldrs., Inc., 1st National Bank Bldg., Berkeley.
 Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
 Day's work. COST, \$10,000

(3503) NO. 2727 CLAREMONT COURT Berkeley. Fire repairs.
 Owner.....R. T. Brizard, Premises.
 Architect...None.
 Contractor...J. W. Buskirk, 2432 Highland Ave., Berkeley.
 COST, \$100

(3504) NW VINE AND SPRUCE, Berkeley. Alterations.
 Owner.....Andrews & Turner, Redwood City, Cal.
 Architect...None.
 Contractor...C. R. Jordan, Hotel Astoria San Francisco.
 COST, \$1500

Building Contracts Awarded Alameda.

No.	Owner	Contractor	Amt.
3499	Abraham	Barber	2100
3500	Freeman	Freeman	1000
3501	Eaton	Eaton	1500

(3439) N LINCOLN AVE 430 W Webster, Alameda. One-story 6-room dwelling.
Owner.....C. B. Abraham, 615 Lincoln Ave., Alameda.
Architect.....None.
Contractor.....D. E. Barber, 1619 Market, Oakland.
COST, \$2,400

(3500) No. 1730 BUENA VISTA AVE., Alameda. One-story 4-room dwlg.
Owner.....J. R. Freeman, 1109 Oak, Oakland.
Architect.....None.
Day's work.....COST, \$1,000

(3501) LINCOLN AND FISH, Alameda. One-story 5-room dwelling.
Owner.....Paul Eaton, 2329 13th Ave., Oakland.
Architect.....None.
Day's work.....COST, \$1,500

SUMMARY OF OAKLAND APPLICATIONS FOR BUILDING PERMITS FOR THE MONTH OF NOVEMBER, 1913.

Classifications of Bldgs.	No. of Permits Issued	Cost
1-story dwellings.....	44	\$72,480.00
1st dwlg with stores.....	1	2,500.00
1½-story dwellings.....	5	12,350.00
2-story dwellings.....	10	31,500.00
1-story flats.....	1	2,400.00
2-story flats.....	1	4,784.00
3-story apartments.....	1	40,900.00
1-story stores.....	3	2,580.00
2-story brick hotel with stores.....	1	16,000.00
4-story brick & steel store building.....	1	78,740.00
1-story offices.....	1	100.00
1-st brk cabinet shop.....	1	4,800.00
Prick bakery oven.....	1	1,800.00
Hog Serum station.....	1	4,800.00
1-st concrete stable and garage.....	1	7,500.00
4-st concrete garage.....	1	55,000.00
1-st brick garage.....	1	10,000.00
1-story frame garage.....	1	14,115.00
Work shops, tank frames and barns.....	7	1,300.00
Garages, sheds and stables.....	20	3,748.00
Alterations, additions and repairs.....	114	54,729.25
Total.....	217	\$414,226.25
New construction.....	103	\$359,197.00
Alterations, additions and repairs.....	114	54,729.25
Total.....	217	\$414,226.25

COMPLETION NOTICES.

ALAMEDA COUNTY

Nov. 29, 1913—LOT 12 Map Ruffs Tct Okd. Fred W Hatch to whom it may concern.....Nov. 26, 1913
Nov. 29, 1913—LOT 10 and NE ¼ Lot 11 Blk 8 Map Key Route Heights, Okd. Fruitvale Blvd Land Co to whom it may concern.....Nov. 28, 1913
Nov. 29, 1913—BLK 67 Map Estudillo Tct, San Leandro. James Dalziel to W S Simpson.....Nov. 15, 1913
Nov. 28, 1913—S SIXTIETH 100 W Colby W 43-1 S 100 E 39-5 N to pt beg, Okd. J D Keys to whom it may concern.....Nov. 28, 1913
Nov. 28, 1913—S SIXTIETH 100 W Colby W 43-1 S 100 E 39.5 N to pt

beg, Okd. J D Keys to whom it may concern.....Nov. 28, 1913
Dec. 1, 1913—NW 35 LOT 1 BLK 7, Map Boulevard Park, Okd. Mrs M Richardson to E C Sydes.....Nov. 24, 1913
Dec. 1, 1913—LOT 111 Sbdvn 30 Map Resbdvn Peralta Park, Bkly. Western Union Home Bldrs to Frank C Nye.....Nov. 29, 1913
Dec. 1, 1913—LOT 21 BLK 2 Map Sbdvn No. 1 Adams Point Ppty, Okd. M E Hennings to John Lehman.....Dec. 1, 1913
Dec. 2, 1913—N FIFTEENTH 60 E Clay E 120 N 93-9 NW 14-1.7 W 110 S 103-9, Okd. Robert Dalziel Co to Otto Kurtz, Dec 2; Lewis A Hicks Co.....Dec. 2, 1913
Dec. 2, 1913—E SIXTY-FIRST AVE 240 S Taylor; No. 1246 61st Ave., Okd. Loretz Peterson to W H Judson.....Nov. 26, 1913
Dec. 2, 1913—SW FORTY-SIXTH & Melrose Ave W 120xS 33, Okd. Jenima A Laing to whom it may concern.....Aug. 18, 1913
Dec. 2, 1913—PTN PLOT 18 Map Part Rancho Arroyo de la Alameda, Niles, Emily L Chittenden to A T Spence.....Oct. 22, 1913
Dec. 3, 1913—NW TWELFTH AND Grove 50x112, Okd. Bruguiere Co to Judson Mfg Co.....Dec. 2, 1913
Dec. 2, 1913—LOT 2 BLK 6 Wheeler Tract, Bkly. Dr C L Roadhouse to Alfred Peterson.....Nov. 15, 1913
Dec. 3, 1913—LOT 8 BLK 5 Berkeley Square, Bkly. Maria Callender and Caroline C Condit to whom it may concern.....Dec. 2, 1913
Dec. 3, 1913—SW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to F M Maestretti and J M Younger.....Dec. 1, 1913
Dec. 4, 1913—PTN LOT 1 Map Harris & Donahue Tract, Pleasanton, Peter Kroeger to C A Bruce.....Dec. 1, 1913
Dec. 4, 1913—LOT 6 AND PTN LOT 5 Blk "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern.....Nov. 29, 1913
Dec. 4, 1913—W PERALTA AVE Ptn Lots 3, 4, and 5 Blk "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern.....Nov. 29, 1913
Dec. 4, 1913—S ENCINAL AVE 175 W Union W 44xS 140, Ala. A H Knox to D M Elter.....Dec. 4, 1913
Dec. 5, 1913—LOT 7 BLK 4 Map Havenscourt, Oakland. Piedmont Heights Bldg Co to C F Lodge.....Dec. 5, 1913
Dec. 5, 1913—S WARD 302.5 E Ellsworth 37½x134½, Bkly. F R Peake Co to G Johanson.....Dec. 4, 1913
Dec. 5, 1913—PTN LOT 8 BLK "B" Revised Map Piedmont Park, Piedmont. Cora H Shores to whom it may concern.....Dec. 1, 1913

LIENS FILED.

ALAMEDA COUNTY.

Nov. 28, 1913—SW LAVERNE AVE 387.05 NW 55th Ave NW 35xSW 100, Okd. Sunset Lumber Co vs May H Drake, T M Drake and C O Bradhoff.....\$381.55
Nov. 28, 1913—NW LAVERNE AVE 387.65 NW 55th Ave NW 35xSW 100, Okd. Sunset Lumber Co vs May H Drake, T M Drake and C O Bradhoff.....\$381.55
Dec. 1, 1913—S YGNACIA AVE 200 E Cole S 125x E 40, Okd. John Peters vs C D Penick.....\$57.60

Dec. 3, 1913—NE CENTRAL AVE & Fifth E 40xN 100, Ala. Reliance Mill & Lumber Co vs Wm G Le Boyd.....\$219.07
Dec. 3, 1913—N CENTRAL AVE 40 E 5th E 34xN 100, Ala. Reliance Mill & Lumber Co vs Wm G Le Boyd.....\$183.33
Dec. 4, 1913—LOT 2S AND SW 10 LOT 29 Map Holway and Laine's Sbdvn Lots 31, 32 and 33, Kingsland Tract, Okd. Zenith Mill & Lumber Co vs S A Potter and H C Miller.....\$256
Dec. 4, 1913—N CENTRAL AVE 40 E Fifth E 34xN 100, Ala. Rhodes-Jamieson & Co vs W G Le Boyd.....\$126.25
Dec. 4, 1913—NE FIFTH & CENTRAL AVE 40xN 100, Ala. Rhodes-Jamieson & Co vs W G Le Boyd, W Ehrenpfort, A A & C O'Brien.....\$144.70
Dec. 5, 1913—S SANTA CLARA AVE 506.25 W Union W 27.33xS 137.5, Alameda. H C Nelson vs W G Le Boyd.....\$106

SAN JOSE AND THE SANTA CLARA VALLEY

Contracts Awarded.

RESERVOIR—Concrete construction, \$14,000. Burlingame, San Mateo Co., Cal. Engineer, City Engineer, Burlingame. Owners, City of Burlingame. Contractor, Robert Trost, San Francisco. Contract price, \$14,000.

Building Contracts.

SANTA CLARA COUNTY.

ON THE LOS GATOS-ALAMEDA ROAD about 2 miles east of Los Gatos. All work for one-story frame school house.

Owner.....Union School District Trustees.

Architect.....C. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor.....H. Heuris, Saratoga, Cal. Filed Nov. 20, '13. Dated Nov. 17, '13. Frame up. Walls sheathed.....\$1663.75
1st coat plaster on.....1663.75
School completed.....1663.75
Usual 35 days.....1663.75

TOTAL COST, \$6653.00

Bond, \$1664. Sureties, J. B. Kenvin and C. Cacitti. Limit, 100 days. Forfeit, none. Plans and specifications filed.

LOT 19 BLK 47, Town of Palo Alto. All work for frame dwelling.

Owner.....John Dudfield, Palo Alto. Architect.....None.

Contractor.....J. H. Ross, Palo Alto. Filed Nov. 20, '13. Dated Nov. 18, '13.

Foundation completed.....\$625
Building plastered.....625
Building completed.....625
Usual 35 days.....625

TOTAL COST, \$2500

Bond, \$1250. Sureties, J. A. Jury and E. J. McArthur. Limit, 120 days. Forfeit, none. Plans and specifications filed.

NEAR LOYALO STATION 48, 49, 50 Hale Sub near Mountain View. All work for frame bungalow.

Owner.....M. Esberg, SW California and Drumm, S. F.

Architect.....J. R. Miller, Lick Bldg., San Francisco.

Contractor.....A. Cooke. Filed Nov. 28, '13. Dated Nov. 26, '13.

Frame and rafters up.....\$1049.50

1st coat plaster and roof on... 1049.50
When accepted 1049.50
Usual 35 days 1049.50
TOTAL COST, \$4198.00
Bond, \$2099. Sureties, D. O. Druffel & F. Valentine Franz. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOT 1 BLK 9 Pioneer Homestead Association Tract, San Jose. All work for Fred Smith refuse incinerator. Owner.....City of San Jose. Architect...E. L. Ryder, City Eng. Contractor...Z. O. Field, 167 S-14th St., San Jose.

Filed Nov. 12, '13. Dated Oct. 18, '13.
As work progresses..... 75%
Usual 35 days 25%
TOTAL COST, \$267.50
Bond, \$13,400. Surety, Pacific Coast Casualty Co. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

NE ELEVENTH AND KEYES, San Jose
Five-room cottage.
Owner.....L. D. Arata, Premises.
Architect...None.
Contractor...A. Anderson, 906 S-10th, San Jose.
COST, \$2800

NO. 144 S-FOURTEENTH, San Jose.
Six-room cottage.
Owner.....F. O. Nelson, Premises.
Architect...None.
Day's work. COST, \$2500

NW ELEVENTH & SAN SALVADORE, San Jose. Six-room cottage.
Owner.....C. S. Rhea, 2nd and San Antonio, San Jose.
Architect...None.
Day's work. COST, \$2000

NO. 332 S-ELEVENTH, San Jose. One and one-half story residence.
Owner.....J. F. Clark, Premises.
Architect...None.
Day's work. COST, \$2000

NO. 860 E-SANTA CLARA, San Jose.
Repair laundry.
Owner.....R. & W. Wet Wash Co., Premises.
Architect...None.
Day's work. COST, \$100

E TWELFTH, 4th Lot N of William, San Jose. One and one-half-story residence.
Owner.....Mrs. Edith L. Elder, Prem.
Architect...None.
Contractor...A. M. Whiteside, 71 S-16th, San Jose.
COST, \$2500

ON REAR LOT SW COR. SECOND A Virginia, San Jose. Repair cottage.
Owner.....J. F. Adams, Premises.
Architect...None.
Day's work. COST, \$500

COR PARK AND PLEASANT, San Jose. Four-room building.
Owner.....Frank Byers, Premises.
Architect...None.
Day's work. COST, \$1700

NOS. 646 AND 648 S-FIRST ST, San Jose Addition on store.
Owner.....E. Levin, Premises.
Architect...None.
Day's work. COST, \$1000

NO. 415 N-SEVENTENTH ST., San Jose. One and one-half-story bungalow.

Owner.....C. Rasmussen, Premises.
Architect...None.
Day's work. COST, \$3000

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Nov. 10, 1913—LOTS 3 AND 4 BLK 3 University Grounds, S P land, San Jose. Associated Oil Co to J C ThorpeNov. 10, 1913
Nov. 10, 1913—ON SAN FRANCISCO Road near Sunnyvale, 1½ miles South. T B and R F Dawson to whom it may concern.....Nov. 1, 1913
Nov. 11, 1913—NEAR FIFTH AND San Fernando, San Jose. (Newman Club) The Roman Catholic Archbishop of S F to J H Miller.....Oct. 10, 1913
Nov. 19, 1913—BETWEEN 8TH AND 9th Sts. on St. John St., San Jose. Mrs J Sopher to whom it may concern.....Sept. 6, 1913
Nov. 21, 1913—ON MORSE near The Alameda, San Jose. A Bowden to A A Church.....Nov. 20, 1913
Nov. 25, 1913—S-TENTH NO. 282, San Jose. L W and L E Pieper to whom it may concern.....Nov. 1, 1913
Nov. 25, 1913—LOT 13 BLK 3 Barrett and Mack Sub, San Jose. W F Gilman to whom it may concern.....Nov. 22, 1913
Nov. 25, 1913—LOT 24 Thomas Sub. No. 2, San Jose. A York to whom it may concern.....Nov. 17, 1913

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Nov. 20, 1913—LOT 4 BLK 10 Dingee Park, Redwood. Rachel D Graham to Geo H Bentley.....Nov. 18, 1913
Nov. 21, 1913—LOT 6 BLK 11 Sub No. 2, Burlingame Pk. Isobel K Rixon to Pedersen & Overaa.....Oct. 31, 1913
Nov. 28, 1913—BURLINGAME AVE & Middlefield Road, Ptn Blk 11, Burlingame. J H Hatch to J H Wilson.....Nov. 25, 1913
Nov. 29, 1913—LAUREL AVE AND Ninth Ave, San Mateo. Mary D Ross and George C Ross to Caldwell & Wisnom.....Nov. 28, 1913
Dec. 1, 1913—LOT "O" BLK 2 Burlingame Terrace. Lyster G Reighley to Willis L Gott.....Nov. 14, 1913
Dec. 1, 1913—LOT 36 BLK 20 Crocker Estate Tract Sub No. 1. Alvin A & Emma A Cobleigh to O E Evans.....Nov. 25, 1913

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Nov. 22, 1913—LOT "B" BLK 1, Burlingame; No. 1419 Burlingame Ave. Gladding, McBean & Co vs E Quagell\$370

LIENS FILED

SANTA CLARA COUNTY.

RECORDED AMOUNT
Nov. 28, 1913—ON SAN FRANCISCO 1½ miles South of Sunnyvale. Sunnyvale Lumber Co vs M E and T B Dawson and M C Vanderkamp\$533.92

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Richmond, Contra Costa Co., Cal. Architect, Lewis M. Garden, Phelan Bldg., S. F. Owner, represented by E. M. Meyers, Richmond. The building will be erected at the corner of Elmer and Macdonald avenues covering an area of 50 by 100 feet. Interior has been arranged for suites of two and three rooms with wall beds and private baths. There will be steam heat, vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Interior finish will be largely of pine. Some oak floors will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

NURSERY BUILDING—Concrete and frame construction. Cost not stated. Eldridge, Sonoma Co., Cal. Architect, State Architect, George B. McDougall, Sacramento. Owners, State of California. All figures received by the State Board of Control for the building at the Eldridge State Home have been rejected and new figures will be called. The lowest figure, that submitted by Boxton-Dillon Co. of San Francisco, was not accompanied by a 10 per cent check; all other bids were above the amount available for construction.

LAUNDRY BUILDING—1 story and base, concrete and frame, \$16,500. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. The bid of Robert Trost, lowest received for the construction of this building, has been rejected, as the check accompanying same was not for 10 per cent of the amount. R. S. K. MacMillen, the next lowest bidder, is within the amount appropriated and may be awarded the contract. His bid is but \$650 higher than that of Robert Trost. Saturday last a message from the State Department of Engineering stated that up to that time no action had been taken except to return all checks except that of R. S. K. MacMillen. The work may be refigured.

LIENS FILED.

MARIN COUNTY.

RECORDED AMOUNT
Nov. 29, 1913—SAUSALITO, Marin Co. Duncan's Mills Land & Lumber Co vs Rosa A Avila\$420.20

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

FLATS—2 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architects, Smith, Stewart & Glass, 24 Kearny street, S. F. and Republican Bldg., Fresno. Owner, George Schorting. Fresno. The building, which has been designed for a high class residential flat building, will be erected at the corner of K and Stanislaus streets. Interior has been arranged for four modern flats of six rooms and bath each. Open air sleeping porches will also be a feature of the building. Interior will be finished in pine with hardwood floors in the principal rooms.

Each living room will have an open fire place. Baths will have composition floors and tile wainscot. Exterior of the house will be covered with rustic. Plans are being prepared.

THEATRE ALTERATION AND ADDITION—1 story and base, brick and steel, \$100,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson. Forsythe Bldg., Fresno. Owner, L. I. Cory. This work has been contemplated for sometime but no architect has been selected until recently. The building to undergo alteration is located at the corner of Fresno and J streets. The work will be extensive and will include structural steel, plastering, painting, plumbing, elevator work, electric work and interior decorating. Upper floors will be fitted up for offices and a part of the first floor will be used for stores. Exterior facing will be of pressed brick. Plans are being prepared.

STORE FIXTURES—Cost not stated. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss and Swartz, Rowell Bldg., Fresno. Owner, J. M. Crawford. Plans are being prepared for store fixtures for the space leased by Mr. Crawford, an optician, in the Griffith-McKenzie Building. Interior finish will be of hardwood, mahogany and tile. Some plate and art glass will be used. Plans are being prepared.

Contracts Awarded.

LODGE HALL ALTERATIONS—3 story and base, brick, \$20,000. Fresno, Fresno Co., Cal. Architects, Smith, Stewart and Glass, 214 Kearny st., S. E., and Republican Bldg., Fresno. Owners, Fresno Odd Fellows Hall Association. Contractor, H. A. Hansen. Fresno. Contract price, \$20,000.

STORES AND RESIDENCE—2 story and base brick, \$30,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson. Forsythe Bldg., Fresno. Owner, Jacob Richter. Contractor, Christopher Sehr. Fresno. Contract price, \$30,000.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—2 2-story and base, frame, \$2,500 each. Sacramento, Cal. Architect, none. Owners Wright and Kimbrough, 817 J street, Sacramento. These houses will be erected on 14th and 24th streets respectively and will be arranged for six room dwellings. Interiors will be finished in pine and hardwood. Oak floors will be used in the living room, dining rooms and reception halls. There will be large open fire places and tile mantels. The wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lat. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are being purchased.

WAREHOUSE—2 story and base, brick, \$10,000. Stockton, San Joaquin Co., Cal. Architect, none. Owner, Mary P. Merrill, 345 South American street, Stockton. The building is to be erected near the Southern Pacific tracks and will cover a considerable ground area. Interior will be left unfinished. Construction will be of the extra heavy type with considerable structural steel. There will be metal window sash and frames and fireproof

doors. Exterior of the building will be faced with stock brick. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, J. J. Jennings, 3211 O street, Sacramento. The house has been designed to contain six rooms and bath. Interior finish will be of pine and redwood throughout. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with mantel of brick or tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Building Contracts.

SACRAMENTO COUNTY.

PUESCHE 1 acre Tract, Sacramento. Erect dwelling.

Owner.....V. Stefani and B. Puesche. Architect...None. Contractor...Fred Funk, 2408 Carnegie Ave., Sacramento. COST, \$1500

E 1/2 LOT 3, 30, 31, C. D. Sts., Sacramento. Erect dwelling. Owner.....Fritz Michel, 2322 Coleman, Sacramento. Architect...None. Day's work. COST, \$400

E 1/2 LOT 6, E, F, 12TH AD 13TH STS., Sacramento. Erect dwelling.

Owner.....Mrs. Ida M. Irvine, 1229 F St., Sacramento. Architect...None. Contractor...A. Van Zee, 267 I St., Sacramento. COST, \$1400

E 20 FEET OF W 1/2 OF LOT 1, J, K, 3rd and 4th Sts., Sacramento. Owner.....J. Greenblatt & Co., 206 J St., Sacramento. Architect...None. Contractor...E. Rose, 2418 M St., Sacramento. COST, \$400

LOT 618 Homestead Tract, Sacramento. Erect dwelling.

Owner.....J. H. Stapleton, Folsom. Architect...None. Contractor...Cippa Bros., 314 21st St., Sacramento. COST, \$1750

E 13 FEET LOT 6 AND W 27 FEET Lot 7, H J Goethe Subdiv "F," Sacramento. Erect dwelling.

Owner.....Jos. Edenhofer, 3011 Cypress Ave., Sacramento. Architect...None. Day's work. COST, \$1500

W 40 FEET LOT 6 H J Goethe Subdiv "F," Sacramento. Erect dwelling. Owner.....Joseph Edenhofer, 3011 Cypress Ave., Sacramento. Architect...None. Day's work. COST, \$1000

LOT 8 BOXLER TRACT Subdiv No. 2, Sacramento. Erect dwelling.

Owner.....E. A. Pierce, 2207 1st Ave., Sacramento. Architect...None. Day's work. COST, \$3600

LOT 16 ELK 3 Boxler Tract Subdiv No. 1, Sacramento. Erect dwelling. Owner.....E. A. Pierce, 2207 1st Ave., Sacramento.

Architect...None. Day's work. COST, \$3000

W 30 FEET LOT 2 Allen Tract U, V, 32nd and 33rd Sts., Sacramento. Erect dwelling.

Owner.....Clark Realty Co., 924 6th, Sacramento. Architect...None. Contractor...W. B. Phillips, Oak Park, Sacramento. COST, \$1500

N 32 FEET S 45 FEET E 60 FEET LOT 4, K, L, 7th and 8th Sts., Sacramento. Remodel store.

Owner.....Hart Bros., Trow Hotel, Sacramento. Architect...None. Contractor...Siller Bros., 1614 13th St., Sacramento. COST, \$500

LOT 16, EAST END ADD'N U STREET, 1st, 33rd and 34th Sts., Sacramento. Erect dwelling.

Owner.....J. J. Jennings, 3211 O St., Sacramento. Architect...None. Day's work. COST, \$1800

W 1/2 LOT 7, J, K, 20TH AND 21ST STS., Sacramento. Repair fire damage and build new brick chimney.

Owner.....Guadalupe Arcega, 2009 K St., Sacramento. Architect...None. Contractor...J. Friche. COST, \$800

W 1/2 LOT 7 R, S, 14TH & 15TH STS., Sacramento. Erect dwelling.

Owner.....Wright & Kimbrough, 817 J St., Sacramento. Architect...None. Day's work. COST, \$2500

W 1/2 LOT 2, C, D, 24TH AND 25TH STS., Sacramento. Erect dwelling.

Owner.....Wright & Kimbrough, 817 J St., Sacramento. Architect...None. Day's work. COST, \$2000

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Louis Du P. Millar, St. Louis Bldg., Pasadena. Owner's name withheld. The building will be erected on Fair Oaks avenue covering a large ground area. Plans provide for a garage and seven stores on the first floor. Upper floor will be arranged for two suites of three rooms and 28 single rooms with eight baths. There will be steam heat and a hot water system. A number of the single rooms and both suites will be equipped with disappearing beds. Interior will be finished in pine and redwood. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LODGE HALL AND STORES—3 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Independent Order of Odd Fellows. The building will be erected at the northwest corner of 12th and Flower streets.

Easement will contain a large banquet room, together with store rooms and paraphernalia rooms. Stores and a large assembly room will occupy the first floor. Upper floors have been designed to contain seven large lodge halls with committee chambers and offices. Construction will be of reinforced concrete with the exterior faced with terra cotta and pressed brick. There will be hollow tile partitions, metal window sash and frames, and some metal trim. Plans provide for steam heat, elevator service and other modern convenience. The structure is to cover an area of 100 by 150 feet. Bids will be called for as soon as plans can be completed.

LODGE HALL—2 story and base, reinforced concrete. Cost not stated. Fillmore, Ventura Co., Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Masonic Hall Association of Fillmore. The building will be 80 by 90 feet and has been designed for two stores on the first floor. Upper floor will contain the lodge room, banquet hall and three offices. Interior finish will be of pine with hardwood floors in the lodge hall and banquet room. Plans provide for steam heat. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

ASSOCIATION BUILDING—3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, A. B. Benton, 114 North Spring street, L. A. Owners, Young Men's Christian Association (colored). The building is to be erected at the corner of 9th and Tennessee streets and will be arranged for stores on the first floor. Upper floors will contain the association rooms, gymnasium and dormitories. There will be steam heat and a hot water supply. Interior finish will be of pine with some maple floors. Patent store fronts also will be specified. Exterior of the building will be faced with pressed brick. Preliminary plans have been prepared.

LODGE HALL—2 story and base, brick and steel, \$20,000. Holtville, Imperial Co., Cal. Architects, Mayberry and Parker, Pacific Electric Bldg., L. A. Owners, Holtville Masonic Temple Association. First floor will contain four stores with plate glass windows set in copper fronts. Upper floor has been arranged for a lodge room, banquet hall and ante chambers besides twelve modern offices. There will be a central heating system and a hot water supply. Interior will be finished in pine with maple floors in the lodge rooms and banquet hall. Exterior of the building will be faced with pressed brick. Plans are being prepared.

OLD PEOPLE'S HOME—2 and 3 story and base, brick and steel, \$50,000. Hollywood, Los Angeles Co., Cal. Architect, George M. Easton, 436 West 13th street, Los Angeles. Owner, Mrs. Hanna A. Baldwin. The building will be erected on Franklin Boulevard and will contain stores on the first floor. Upper floors will be arranged similar to a hotel and will contain 120 guest rooms, a number of which will have private baths. Plans provide for steam heat, vacuum cleaning and a hot water plant. Interior finish will be of pine and hardwood. Besides the rooms above mentioned there will be a general ward and operating room. Freight

and passenger elevators will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOSPITAL—5 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson and will cover an area of 141 by 45 feet. First floor will contain three operating rooms, sterilizing room, special surgical rooms, office, directors' room, ward and eight private rooms. Upper floors will be arranged for eleven private rooms to the floor. Interior partitions will be of metal lath and plaster and hollow tile. Corridors and bath rooms will have tile floors. Plans provide for steam heat, elevator service, both freight and passenger, a vacuum cleaning system and hot and cold water supply. Exterior of the building will be faced with cement plaster. Plans have been revised and new figures are now being taken.

HOTEL—11 story and base, Class A construction. \$100,000. Los Angeles, Cal. Architects, Barnett-Haynes & Barnett, Wright & Callender Bldg., L. A. Owner, Fred Gross, San Francisco. The building will be erected on the west side of Main street between 8th and 9th streets. There will be one store besides the main entrance and lobby on the first floor. Upper floors will be divided into a total of 150 guest rooms, a large percentage of which will have connecting baths. Provision is also made in the plans for a number of large light sample rooms. There will be steam heat, two passenger and one freight elevators, vacuum cleaning system and hot water supply. Interior will be finished in pine and hardwoods. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are nearly complete and figures will shortly be called.

RESIDENCE—2 story and base, frame. Cost not stated. Oak Knoll Los Angeles Co., Cal. Architects, Montgomery & Montgomery, Trust and Savings Bldg., L. A. Owner, A. G. Bohannon. The dwelling has been designed for a ten room house with baths and sleeping porch. A garage will also be erected on the lot. Interior of the house will be finished in pine and hardwood. Oak floors will be used throughout except in the bath rooms which will have composition floors and tile wainscot. There will be a central heating system. Open fire places will be installed in the principal rooms. Mantels will be of brick or tile. Plans include vacuum cleaning and a hot water system. Exterior of both the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, hollow tile construction, \$50,000. Pasadena, Los Angeles Co., Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Mr. House. This dwelling will be erected in Oak Knoll and has been designed for a fifteen room house with several baths and sleeping porches. Interior finish will be largely of hardwoods. There will be steam heat, open fire places, brick and tile

mantels, vacuum cleaning system, automatic water heaters and other modern conveniences. Exterior will be covered with cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

STORES AND OFFICE—3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, Myron Hunt, Hiernian Bldg., L. A. Owners, Standard Oil Co. The building will be erected at the corner of Aurora and San Fernando streets covering an area of 90 by 120 feet. The structure has been designed for a branch office and warehouse. Interior finish will be of pine and hardwood. There will be metal window sash and frames. Some tile and marble are specified. Plans provide for steam heat and elevator service. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Park Estate. The building will be erected on Gartland avenue south of Seventh street and has been designed for a commercial garage. The structure will cover an area of 27 by 147 feet. A cement floor will be used. Interior finish will be of pine throughout. Steel roof trusses and metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

CHURCH—1 and 2 story, brick and steel, \$100,000. Long Beach, Los Angeles Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Congregational Church of Long Beach. Contractor, C. T. McGrew, 2501 East 14th street, Long Beach, general construction. Contract price, \$100,000.

HOTEL—4 story and base, brick and steel, \$30,000. Los Angeles, Cal. Architect, L. J. Jones, I. W. Hellman Bldg., L. A. Owner, Julia M. Martin. Contractor, Fred M. Siegal, Stimson Bldg., L. A. Contract price, \$30,000.

HOTEL—4 story and base, brick and steel, \$75,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Victor Ponet. Contractors, F. O. Engstrom, Fifth and Seaton Sts., L. A., general construction only. Contract price, \$75,000.

GARAGE—1 story and base, brick, \$15,000. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, Mr. Irving. Contractor, J. W. Morrison, Builders' Exchange, L. A. Contract price, \$15,000.

STORES AND OFFICES—13 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, Building Owners Co. Contractors, National Fireproofing Co., Central Bldg., L. A., general construction only. Contract price, \$100,000.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Globe, Ariz. Architects, Royal W. Lescher and John Rinker Kibby, Phoenix. Owners, Globe School District. Contractors, Michaelson and Wiedman, Globe, general construction, except plumbing and heating. Contract price, \$54,203.



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PORTLAND AND OREGON.

APARTMENT HOUSE—2 story and base, brick and reinforced concrete. Cost not stated. Marshallfield, Ore. Architect, Newton C. Grant, Chamber of Commerce Bldg., Portland. Owner, C. A. Meltin. The building will be erected on a corner site and has been designed to contain a number of two and three room suites, all of which will have private bath rooms and wall beds. Interior finish will be of pine and redwood. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

FACTORY GROUP—1 and 3 story, frame, \$100,000. Portland, Ore. Architect's name not given. Owners, Pacific Furniture Specialties Mfg. Co., Lumber Exchange Bldg., Portland. A group of several buildings will be erected on property at the intersection of 27th and Morgan streets. The first building on which work will be started immediately, will be a three-story structure covering an area of 60 by 100 feet. Construction will be of the heavy frame type. As soon as this building is completed work will be started on both buildings. Plans are being prepared and all contracts will be let by the owners.

POSTOFFICE—2 story and base, brick and stone, \$75,000. Albany, Ore. Architect, Oscar Wendenoth, Washington, D. C. Owners, United States Government. The lowest figure received for the construction of this building was presented by P. A. Erickson of Salem. His bid for same was \$57,650 and for limestone \$58,275. A contract has not been awarded.

POWER PLANT—Concrete and steel structure, \$5,000,000. Eugene, Ore. Engineer, George F. Edmonstone, Portland. Owners, Oregon Electric Railway Co., Portland. Construction of an immense hydro-electric power plant by the Oregon Electric Railway on Clear Lake, 80 miles east of Eugene in the Cascade Mountains will be started by George F. Edmonstone, hydraulic engineer, who will have charge. A rough estimate of Engineer Edmonstone's cost will be in the neighborhood of \$5,000,000 and 15,000 horsepower will be actually be developed. Work on the first unit will begin next June. There will be two plants, the first to generate 20,000 horsepower. It is planned by the Hill railway interests to furnish electric current for the entire western part of

the state. Surveyors are now at work on two routes for transmission lines, one down the McKenzie river toward Eugene, and the other down the Santiam toward Albany. A tunnel through the walls of Clear lake will carry the water in a 10-foot conduit a mile and a half under a 500-foot head to the first power plant. The second plant will take the water from the first plant, carry it further down the river below McKenzie falls to a second set of generators. The second plant will be larger than the first. The current will be carried over heavy transmission lines at 110,000 volts. The wires will be a third of an inch in diameter.

Contracts Awarded.

HOTEL AND STORES—2 story and base, brick, \$35,000. Portland, Ore. Architect, Robert F. Tegen, Morgan Bldg., Portland. Owner, A. L. Parkhurst. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, \$35,000.

SEATTLE AND WASHINGTON.

FACTORY ADDITION—1 story and base, reinforced concrete, \$25,000. Seattle, Wash. Architect, V. W. Voorhees, Etzel Bldg., Seattle. Owners, A. F. Ghiglione & Sons. The addition will cover an area of 90 by 93 feet and will be practically fireproof throughout. There will be metal window sash and frames. Plans provide for steam heat, elevator service and a drying system. Interior finish will be of pine. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick, \$36,000. Seattle, Wash. Architect, V. W. Voorhees, Etzel Bldg., Seattle. Owners, School District No. 41. This work was mentioned in these columns when the architect was first commissioned to prepare plans. The building will cover an area of 72 by 116 feet and will contain nine class rooms, manual training department, principal's office and teachers' rooms. Besides these rooms plans provide for an auditorium 32 by 72 feet. Interior finish will be of pine with maple floors in the auditorium and class rooms. There will be steam heat, a modern system of ventilation, program clocks and vacuum cleaning. Exterior of the building will be faced with tapestry brick. Plans are complete and figures will be called for at once.

VIADUCT—Reinforced concrete and steel, \$400,000. Tacoma, Wash. Engineer, Engineering Department of

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Oregon-Washington Railroad and Navigation Co. Owners, Oregon-Washington Railroad and Navigation Co. Plans have been received by Attorney Walter Christian in Tacoma for the reinforced concrete viaduct which is to be erected by the above mentioned railroad across the city waterway. Bids will be called for about January 1st. Further mention will be made in these columns at that time.

THEATRE AND OFFICES—4 story and base, reinforced concrete, \$125,000. Architects, Warren H. Milner & Co., Seattle, Wash. Architects, Warren H. Milner and Co., Arcade Bldg., Seattle. Owners, Alaska Theatre Co. All figures received for this work have been rejected. Plans have been revised and contractors who first figured the work are preparing new estimates. The building will be of fireproof construction and is to be erected at the corner of Second and Seneca avenues. Bids are to be in the hands of the architects by the end of this week.

SCHOOL GYMNASIUM—2 story and base, reinforced concrete, \$60,000. Tacoma, Wash. Architects, Heath & Grove, National Realty Bldg., Tacoma. Owners, City of Tacoma. All figures recently received for the construction of the Stadium High School gymnasium have been rejected as being above the appropriation. Plans are being revised and new figures will probably be called for about Dec. 15th. Further mention of the work will be made at that time.

SCHOOL—2 story and base, brick and steel. Cost not stated. Auburn, Wash. Architect, V. W. Voorhees, Etzel Bldg., Seattle. Owners, Auburn School District. Plans have just been approved for this building. The structure will cover a ground area of 38 by 110 feet and has been designed to contain ten class rooms, domestic science and manual training departments, gymnasium, music and literature study halls and principal's office. Interior will be finished in pine with maple floors. Plans provide for a central heating system and modern ventilation. There will be program clocks and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about January 1st.

Contracts Awarded.

WATER SYSTEM—Complete construction, \$88,000. Hillyard, Wash. Engineer, Wadhams, Poulsen Bldg., Spokane. Owners, Town of Hillyard. Contractors, James Kennedy Construction Co., Blake-McFall Bldg., Portland. Contract price, \$88,000.

SCHOOL—2 story and base, brick and reinforced concrete. Cost not stated.

Cnoney, Wash. Architect's name not given. Owners, State Normal School, Contractors, Bartlett-Roth & Co., Lewis Bldg., Portland, general construction. Contract price, \$267,025; Benjamin Olsen, Tacoma, heating and ventilating, \$23,000; P. J. Coff, Spokane, plumbing, cost not stated; and J. J. Agutter & Co., Seattle, electric work, \$6,960.

RATTAN FURNITURE FROM HONGKONG.

[Consul General George E. Anderson, Hongkong, British China.]

The exports of rattan and sea-grass furniture from Hongkong to the United States have increased fully 100 per cent in the past two years. The increase in recent months has been almost altogether in rattan, as distinct from the linen and sea-grass goods.

While the latter goods have many attractive features, including their low cost of manufacture, there are many objections to them, and now that their hold upon the consumer as a novelty is becoming lost they are going out of demand, and the leading Hongkong manufacturer gives it as his opinion that in another six months practically no more sea-grass goods will be exported.

Sea-grass furniture is made by winding twine manufactured from a light green sea grass or bamboo or wood frames, both as a cover or finish for the frame and as body of the chair or other article. This twine is manufactured from a marsh grass growing in immense quantities in the swamps of many South China coast districts, particularly in the Pearl River delta and along the West River. Similar chairs are also made from twine made of a so-called linen fiber, the latter being much the better grade goods and costing much more.

The rattan articles, which have always been the standard goods in such trade and which are again coming into increasing popularity, are made both from rattan core and rattan peel, the latter, as a rule, serving for veranda chairs, tables, and settees. All these goods are made in many varieties and in many grades, though it is not always easy to distinguish between the grades when new, hence classification and valuation of such goods are matters of great difficulty. Most such goods are made in small Chinese shops under the order of a broker, who generally furnishes the workmen with the materials and often cash for labor, and the work is practically done on a "sweat-shop" basis by the shopkeeper, a few cheap employees, and members of his family. Goods thus made are generally manufactured on bamboo frames, the materials often are not of first grade, the various portions of the frames often are imperfectly fitted and fastened, and the body of the goods generally is faultily constructed.

There is one large foreign-style factory in Hongkong, owned by an American, in which goods are manufactured on wooden frames. This factory is fitted with more or less modern appliances and machinery, and the body of the article is finished more perfectly. Chinese-shop goods generally are colored by native stain without special preparation. The foreign-shop goods are generally dipped in stain and

shellacked. There is considerable difference in price, but the higher priced goods are more durable, and the trade is tending in direction of the better grade goods.

The chief cost of these goods in the United States is the freight. As a rule the freight on a rattan chair from Hongkong to the United States, by reason of its bulk, will equal and often exceed its original cost. Freight on such goods to Europe, particularly to overland points, will exceed the original cost considerably. The chief demand for the goods at present is from the United States, England, especially London, and Australia.

BAR SILVER.

Premiums on cash and nearby months in bar silver has been a feature for some time of this branch of the metal trade in London. The fact that the Indian government had made its purchases for the time being has meanwhile caused some selling. Financial difficulties which developed later at Bombay caused some further easing in values.

China appears still to be on the selling rather than on the buying side of the market. One factor to which little attention has been given is the issue of paper currency in that country for the payment of troops. The revolt of the South, which ended about a month ago in the victory of the Peking government, had been financed by liberal issues of paper currency by the provisional government in the revolutionary district. One effect of this was to drive out silver as a currency, causing more or less accumulation at banking centers and making China markets the lowest in the trade. More recently this condition has partly corrected itself, without, however, going far enough to change the relative position of China as a seller.

MOTION PICTURE FILMS IN FOREIGN TRADE OF THE U. S.

Twenty-five thousand miles of motion picture films, enough to stretch around the globe at the Equator, will be the export record of the United States in the calendar year 1913. The United States is the world's greatest manufacturer of motion picture films, probably three-fourths of the entire films of the world being manufactured in this country. Large quantities of films are sent out of the country, both as blank or unexposed films, and as finished films ready for use in the stereopticon.

The rapid increase in this branch of the export trade of the United States resulted in the establishment by the Bureau of Foreign and Domestic Commerce, Department of Commerce, of a detailed record which shows the quantity, measured by feet and the value of films exported from the country; the plain films and those ready for use, separately stated; the countries of destination, and the ports through which this distribution is made. This record shows a total exportation in the nine months ended with September of 65½ million feet of unexposed or plain films to be used in other parts of the world in taking motion pictures, and 22½ million feet of exposed or finished films ready for use in the stereopticon, making a total

of 88 million feet during the period. For the single month of September, however, the total was 14½ million feet, and should the remaining months of the year make a similar record, the total exports of the year which ends with this month would be 133 million feet, or slightly more than 25,000 miles, the distance around the earth at the Equator. In 1912, the first full calendar year for which figures are shown, the total length of films exported was 62½ million feet, or less than half the prospective total of 1913.

The stated value of the films exported in the nine months ended with September, 1913, is about 3½ million dollars, being \$1,811,000 for the 65½ million feet of unexposed films and \$1,655,000 for the 22½ million feet of exposed films ready for use in the stereopticon, or an average of 2½ cents per foot for the unexposed and of 7 cents per foot for the exposed films.

England is by far the largest purchaser of films from the United States, and this applies especially to the unexposed films. Of the 80 million feet of films of both classes exported in the fiscal year 1912, 70 million feet went to England, 5½ million feet to Canada, a little over 1,000,000 feet to France, three-quarters of a million to the Philippines, over a half million to Brazil, nearly a half million to Newfoundland and Labrador, a quarter of a million to Australia, and slightly less than a quarter of a million to Japan. Most of the films going to Canada, Newfoundland and the Philippines are exposed.

The importation of motion picture films amounts to a little more than a million feet per month, the total for the nine months ended with September, 1913, being 10½ million feet and for the corresponding months of 1912, 12½ million feet. Nearly all of the imported films are in the finished state ready for use, the import price averaging from 5 to 6 cents per foot. About one-half of the total importation is from France, which supplied approximately 7 million feet out of 14½ million feet imported in the fiscal year 1912. Italy supplied 2½ million feet, England 2½ million, and Denmark 1½ million, while 84,000 feet came from Japan and 83,000 feet from India.

STATISTICAL RECORD OF THE PROGRESS OF THE UNITED STATES, 1800-1913.

A general survey of the growth of the United States in population, commerce and industry is presented in a pamphlet, "Statistical Record of the Progress of the United States, 1800-1913," just issued by the Bureau of Foreign and Domestic Commerce, Department of Commerce. The publication and financial statistics of the country and in less detailed form, those of the principal nations of the world and the share which the United States supplies of their imports and takes of their exports.

In 1800 the United States is shown to have increased from 2,921,353 square miles to 3,026,789 in 1913, and in population from 3,308,183 to 97,000,000 exclusive of the island territories now under the American flag. Meritime the production of basic articles of industry shows marked growth. Coal, from 20 tons in 1814, to 477 million in 1912; pig iron, from

54,000 tons in 1810 to 30 million in 1912; copper, from 100 tons in 1845 to 558,000 in 1912; petroleum, from 84,000 gallons in 1859 to over 9 billion gallons in 1912; cotton, from 73,000 running bales of 500 pounds each in 1800 to 14 million in 1912; wheat, from 84 million bushels in 1810 to 730 million in 1912; and corn, from 378 million bushels in 1810 to over 3 billion in 1912; while similar increases are noted in other products of agriculture, mining and manufacture.

The tables of the pamphlet show a corresponding increase in foreign commerce: Imports, from 55 million dollars in 1821 to 1813 million in 1913; and domestic exports, from 52 million in 1821 to 2429 million in 1913; while the share which manufactured products (including prepared foodstuffs) form of the total exports increased from less than 18 million dollars in 1821 to 1½ billion dollars in 1913.

Other statistical data contained in the publication in question relate to national finance, education, agriculture, transportation, consumption of leading staples, prices, etc., comprising the principal facts, in epitomized form, to be presented in the forthcoming 1913 edition of the Statistical Abstract of the United States.

NEW JERSEY AS A MINING STATE.

Second Largest Producer of Zinc—Turns Clay Bricks Into Wealth.

New Jersey is the only State in any importance as a mineral producer in which the utilization of the clay resources constitute the chief industry and represents over 50 per cent of the total output of the State, according to figures compiled by Edward W. Parker, of the United States Geological Survey, in cooperation with the Geological Survey of New Jersey. The clay products of the State have included every variety of brick and tile and every variety of pottery produced in the United States, as classified by the Federal Survey. The value of the clay products in 1912 reached the great total of \$19,828,553, of which \$10,902,633, or more than 50 per cent, was represented by the value of the brick and tile products and \$8,935,920 by pottery. This shows a total increase over 1911 of \$1,690,325. In the value of clay products in 1912 New Jersey ranks third among the States, being exceeded by Ohio and Pennsylvania. It is second in the value of pottery products, and fourth in the value of brick and tile products. In 1912 it was first in the production of china and sanitary ware and ranked among the first five States in the production of most of the varieties of clay products.

Including the recoverable zinc content of the ore produced in New Jersey, the zinc produced in the State in 1912 amounted to 69,755 short tons, valued at \$9,626,191, making the zinc-mining industry second in importance in the State and giving New Jersey second place as a producer of zinc, Missouri being first. The center of the zinc-mining industry in New Jersey is the famous Franklin Furnace district, in Sussex County, where mining has been carried on continuously for over 60 years.

Third among New Jersey's mineral industries is the manufacture of Port-

land cement, the production in 1912 being 4,490,645 barrels, valued at \$3,652,098. The value of stone quarried was \$1,716,829 and of sand and gravel \$1,146,640. The only other mineral product of New Jersey which exceeded \$1,000,000 in 1912 is iron ore, of which 366,823 long tons as produced, valued at \$1,192,816.

The total value of the mineral products of New Jersey in 1912 was \$36,881,930.

EXPOSITION PROGRESS.

The electric lighting and power systems of the Panama-Pacific International Exposition will include some conspicuous features. Chief among these will be the system of illumination, which will be almost revolutionary in its character, containing at least eighteen details that will be adopted at this Exposition for the first time in the history of decorative electrical illumination.

Instead of following the old custom of outlining the various palaces and other architectural structures by means of incandescent lamps, the entire facade of each building and tower will be flooded by means of screened luminous arcs and hidden batteries of searchlights, the system will present a brilliant, but not dazzling, illumination, in all colors of the solar spectrum, the light emanating not from within, but from without.

The various parts of the towers will be picked out by means of imitation "jewels," as they are called, which are cut glass gems of the highest grade, the facets being all tin-polished, and the "jewels" being of assorted colors, to secure this result. They will be placed in such manner as to dangle easily under the influence of the breezes, which will cause them to scintillate in the sun's rays by day, and in artificial beams by night. By means of electric searchlights projected upon them, they will exhibit all the primary colors at night ever scintillating.

INDUSTRIAL ACCIDENT REPORTS.

Letter From Board Calls Attention to Necessity of Annual Report.

A circular has been sent out to all employers calling attention to the requirement of the State law in regard to industrial accidents. The following is the complete text:

Dear Sir:—Your attention is called to the fact that Chapter 53, Extra Session Laws of 1911, made it imperative for every employer of labor in the State of California to report to the Industrial Accident Board every case of personal injury to any employee arising out of or in the course of employment and causing a disability of one week or more.

Inasmuch as it is urgent for the Industrial Accident Board to know the number of industrial accidents happening since January 1, 1913, in order scientifically to determine insurance ratings under the Boynton Workmen's Compensation, Insurance and Safety Act (Chapter 176 of the Laws of 1913) effective January 1, 1914, your co-operation is solicited.

If accidents have occurred to any of your employees kindly advise us as to the name of the injured person, the

date of the accident and the period of disablement in each case. If none has occurred please return a statement to that effect.

Yours very truly,

INDUSTRIAL ACCIDENT BOARD,
T. N. Dean, Statistician.

LAUNDRY MACHINERY IN THE FAR EAST.

[Consul General George E. Anderson, Hongkong.]

The modern steam laundry is beginning to secure a firm hold in the larger centers of foreign population in the Far East. In this fact there is considerable promise for the export of American laundry machinery, for as a rule American equipment of this type is the most effective and economical.

Cheap labor, especially that of women and children, has retarded the introduction of modern laundries all over Asia and the Far East. Even now in Japan, the most advanced of the Eastern nations, the bulk of laundry work for the public is done by hand. In Asiatic countries clothing is usually washed by beating on stones, trampling in vats, and other primitive machines. Not even are modern washboards, not to mention washing machines, in use. In tropical places like Hongkong, where an abundance of fresh linen and clean wash clothing is a necessity of prime importance, most of the work is still done by hand, the majority of families supporting a Chinese "amah," or woman, and sometimes a man for laundry work only. The heavy starched goods, however, can seldom be laundered satisfactorily by these employees. There are native laundries of some importance in nearly all cities, but they do all their work by hand, though establishments will occasionally be found containing one or two of the less expensive laundry appliances. Many of the hotels of the Far East have laundries of this description. Of actual modern laundering establishments, however, there are none other than those mentioned herein.

Location of Steam Laundries.

The most advanced community in the Far East in this respect is Manila, where an extensive laundry establishment operated under the most advanced American methods has built up a large business. Even in Baguio, the "summer capital" of the Philippines, a steam laundry is operated during the season. Along the Chinese coast, however, Hongkong is the only city with such an establishment. It has been successful during the past two years and now seems to be in a thriving condition. The plant is almost entirely American. It consists of 13 rotary washers, 9 shirt and collar machines, 3 steam ironing machines, collar shapers, and 2 Hoffman pressing machines of American make; and a starching machine, steam ironers, flannel-finishing machines, a flannel washer (Williamson), and benzine cleaning machines of English make. This laundry uses the boiled process of starching, employing American materials.

The success of the modern laundries already established is likely to lead to similar concerns in other ports, but in the meanwhile it is likely that the chief opportunity for the sale of

laundry machinery lies in further development of the larger native establishments and the gradual adoption by them of modern machines and equipment. Such introduction can probably be made only through local import houses, and will involve a considerable effort in the line of education. The prospects of the trade generally, however, merit the attention of manufacturers of such equipment.

THE BUTTERFLY MAP.

Device of San Francisco Architect Has Won International Recognition.

In March, 1910, the "Chronicle" published a full description of a new land map of the world on an original projection invented by B. J. S. Cahill, and ventured the prophecy that San Francisco was destined to acquire added fame by reason of the fact that one of her citizens had made so important a contribution to cartography. The prediction has been fulfilled. Distinguished geographers in all parts of the world have expressed the conviction that the "Butterfly Map," as the Cahill device is popularly known, is certain to displace the familiar design of Mercator.

It may take a number of years before all the maps now in use are discarded as erroneous representations of the earth's surface. They are woeful distortions, but the cost of replacing them is an important factor, as is also the prejudice in favor of their simplicity. Mercator's diagrammatic representation makes Greenland far too large and Africa far too small, and it is well-nigh impossible for calculating the shortest distances between points, yet mankind having been so long accustomed to this faulty picture will not readily adapt itself to the novelty of the Cahill outlines.

Fortunately the leading educationalists are already persuaded that it is better to have truth, even if a little more complex, than simple error. At a first glance the new map is for all the world like a butterfly, but after gazing at it for some time one realizes that it is the only way of correctly picturing the earth as a flat surface. Cut an orange into four equal parts, remove the sections of skin, press them out flat, place them together so that the four points are equidistant from each other and lie on the rim of a half-circle, and you have the outlines of the field on which is drawn the Cahill map. If your orange were a rubber globe correctly mapped and were cut in the same way you would have the completed design.

A number of fanciful poetic imagines have been drawn from the butterfly appearance of the new projection, but the most curious circumstance is that it gives the land three distinct points. Cape Town, Cape Horn and Tasmania, thus calling to mind Shakespeare's reference in "King John" to the three corners of the world.

Though of absorbing interest to students, the average reader may ask of what practical value is the change. To this there are many answers, the most important of which is, probably, that supplied by Professor McAdie,

who, in arguing for a rational projection of maps, points out that the Mercator distortion is absolutely valueless for charting storm areas.

As mankind from China to Peru is interested in the weather, it will soon be interested in the Cahill map when it is shown that no other is so well suited for meteorological purposes.—S. F. Chronicle.

SOUTH AMERICAN WOOD.

Greenheart, the Wood Which is Said to be as Hard as Iron.

Greenheart, the wood which the Isthmian Canal Commission is desirous of securing for use in the construction of docks and similar works in the Panama Canal, because it is said by experts to resist more than any other wood the attacks of marine borers which rapidly destroy piles and other submarine structures, is one of the most valuable of timbers. It is native of South America and the West Indies, and from its bark and fruits is obtained bibirine, which is often used as a febrifuge instead of quinine.

The wood is of a dark green color, sap wood and heart wood being so much alike that they can with difficulty be distinguished from each other. The heart wood is one of the most desirable of all timbers, particularly in the shipbuilding industry. Indisputable records show that the best grades surpass iron and steel in lasting qualities in salt water, submerged logs having remained intact for one hundred years.

In the Kelvingrove Museum, Glasgow, there are two pieces of planking which illustrate better than anything else this durable quality. They are both from a wreck which was submerged eighteen years off the west coast of Scotland. The one specimen—greenheart—is merely slightly pitted on the surface, the body of the wood being perfectly sound and untouched, while the other—teak—is almost entirely eaten away.

It is extensively used in shipbuilding for keelsons, beams, engine bearings and planking, and it is also used in the general arts, but its excessive weights unfit it for many purposes for which its other properties would render it eminently suitable.

The President's message is brief and to the point. It is not taken up with a voluminous report from the departments. It does not deal in sonorous phrases, but goes straight to the question with which the administration is confronted. It is frankly progressive. And for all these things the people should be truly thankful that they have a man as chief of this nation who is big enough to take hold of the questions that confront us, act on them with reason and determination, assume the responsibility for his acts and frankly tell the people why he has so acted.

The policy of watchful waiting of the Mexican situation is being vindicated. Events are rapidly bringing about his predictions. It has required patience and determination to pursue such a course. And at the same time the people generally realize that the administration can and will be effec-

tively militant when the occasion demands.

In regard to the development of Alaska the President states that the building and administration of a government railroad there is one of the keys for unlocking its natural resources. And along with his declaration for government ownership of railroads there is the same clear attitude in regard to the domination of the industrial resources and the governmental functions by the great trusts.

In general the idea conveyed by the message is that the President knows what he is talking about; that he is master of the situation; that he will not attempt to do much at once; that he will not do things hastily or unthinkingly and will not rush into any new problem blindfolded. That he can be relied on at the proper time to put each separate issue before the people clearly and unmistakably and that he will stand by his guns when he believes his position to be right.

The Chronicle is still harping on the same old theme, the incompetency of the present board of Harbor Commissioners, as compared with the former board under the Herrin rule. It will be interesting to compile a comparative record of these two boards. Not that it will in any way feaze the brazen bullet proof hide, but it will show the facts as they actually are and show how much foundation there is for the big assertions that are daily made in the Chronicle.

The State Highway has been the source of attack heretofore, but invariably the stand pat papers have contradicted themselves before they got their own rope.

The United States Geological Survey has just issued Water Supply Paper 354, dealing with the Ohio Valley flood of March-April, 1913. In view of the widely divergent estimates of losses that were current at the time of the flood and the fact that these losses were undoubtedly greater than in any previous visitation of the kind in the same region, much interest attaches to the figures on this subject collected by the Survey by means of circular letters sent to the officials of two hundred and six cities and towns in the flooded district. The losses reported by the towns in question, added to the losses reported by railroads and traction lines, total \$189,873,997. These figures represent actual damage, and do not include indirect or "economic" damages. Moreover, they apparently take no account of thorough and tied themselves up with losses sustained by the rural community. That the nation is justified in spending on preventive measures. From the same sources of information the Survey learns that 415 lives were lost in the flood.

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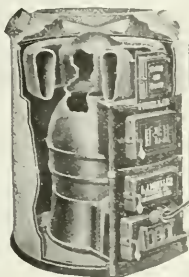
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Saywell, Sylvester
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anene
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Owsley, Burt T.
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Pettersen & Pers-
son
Pratt, J. J.
Quinn, P. P.
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Co.
Rednall, W. W.
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Relte, J. B.
Rickard, Fred, J. H.
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Saywell, Sylvester
Schulz, J. E.
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Siller Brothers
Spidel, P. F.
Stockholm & Al-
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Strohluw, Freese
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Taylor & Goerliche
Terrill, W. A. &
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Clark & Sons, N.
Diamond Brick Co.
Gladding - Mc-

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dustrial News.
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Works

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McCubbin, James

Manning, John

Neal, L. J.

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Rudolph & Band

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Smith, J. S.

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Pile Driving.

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Rayston Iron Wks
Vulcan Iron Wks.
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Button, L. V.

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dow Cleaning
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Co.

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tor Co.
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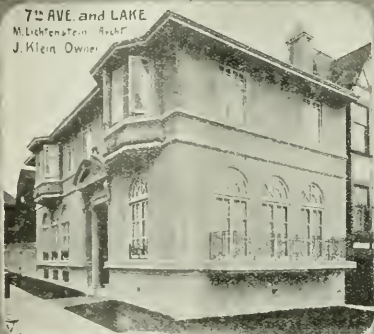
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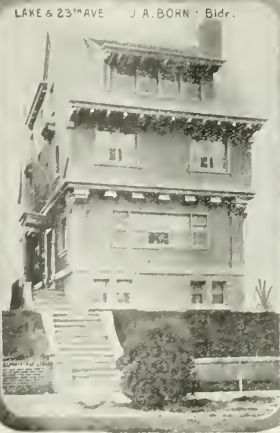
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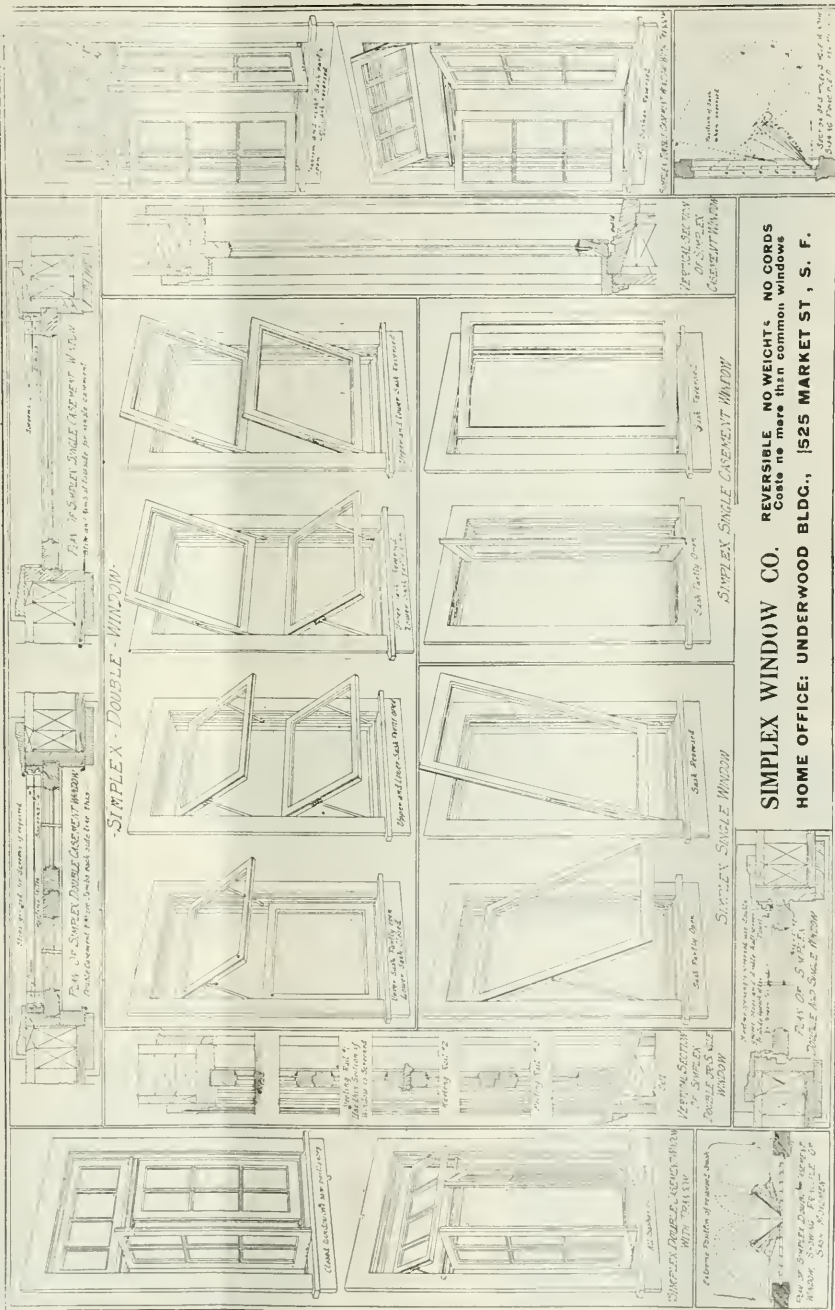
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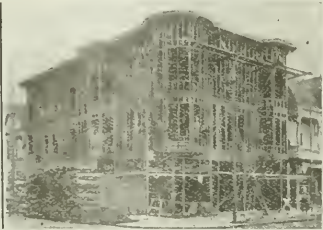


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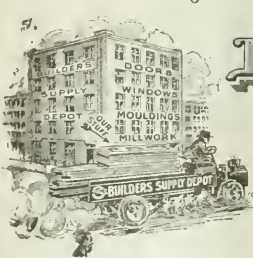
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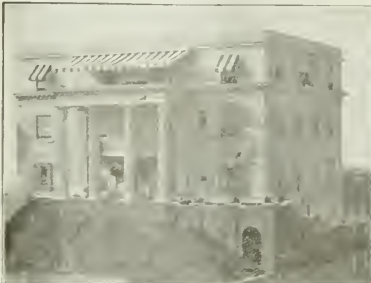
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Devoted to the Architectural, Building, Engineering and Industrial Activities of the Pacific Coast.

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Editorial Comment.

In the Scientific American of December 6, a considerable space is devoted to the Panama-Pacific Exposition and a description of the grounds and the proposed buildings is given by Mr. Hamilton M. Wright. It is interesting at least to read what an outsider's point of view is and to get an opinion from a man who understands the situation from an artistic, architectural and technical standpoint. The number also contains a double page collection of photographs of the site and the principal buildings and places of interest taken from architectural drawings, and the manner in which they are assembled gives one an idea of the marvelous beauty of the city that is to be erected on the site that looks out upon the Golden Gate.

This is a good advertisement for the fair. For it presents in a comprehensive manner the idea to be conveyed by the exposition. The photographs show the wonderful setting that the city will have. The different groups illustrate the composite gathering of world's ideas in religion, in the arts, the sciences and the entire progress of the world. And added to all this is the color and the romantic charm of California skies and California scenes. Distribute such a circular broadcast and every body who has any romanticism in his nature or to whom the progress of the great world appeals will save every penny from now on till 1915 and walk all the way to San Francisco to see the great exposition. It will be the most beautiful and interesting exposition that has ever been held in the history of the world.

The Sunday papers have printed a picture of a casket containing the bones of Columbus, which the Panama-Pacific Exposition expects to exhibit in 1915. These are now reposing under the Cathedral at Santa Domingo in the Island of Hayti. The Spaniards declare at the same time that the bones of the real Columbus repose under the great Cathedral at Seville in Spain.

It does not much matter whether the bones are the ones that carried the body of Columbus during his lifetime. Whatever value they have is the association or suggestion they may give as to what the man accomplished. And although a dozen cities may claim his ashes it is not of much importance to either Columbus or the person who views his earthly remains where these remains may rest. The discussion serves to remind us that Columbus died in chains and that sometimes a man has to be dead four hundred years for the world to appreciate his services.

Seven cities warred for Homer being dead,
Through which the living Homer begged his bread.

The first payment made on the Presidio and Union Street line taken over by the city has been made from cash borrowed from the earnings of the Geary Street Railroad. Not so bad considering the great hullabaloo that was raised about the city going into the street car business. And when the new line is equipped and running in conjunction with the Geary street line there will perhaps be money earned to complete the other proposed lines.

A single fire insurance policy for 100 million dollars has been taken out by the Canadian Pacific. From what the gloomy railway presidents have been saying it was thought the roads are more in need of life insurance.

WOORSHIPERS OF THE PAST.

In his "Cavour" William Roscoe Thayer makes this wise observation:

When an individual ceases to react to the facts of life, we adjudge him insane. So when political parties and their leaders, instead of facing the present and finding a way to cope with it, curse it, turn their backs on it, and implore the past to return, they are drawing near to their extinction; provided always that there exists in their country other men who have the future in their hearts.

It never has been worth while to get in the way of progress. The man who tries to butt a steam roller off the track with his head is bound to get the worst of it.—Kansas City Star.

A society for the prevention of useless gifts at Christmas and other times has been organized with the idea of doing away with a custom that becomes burdensome to many people. The idea is good, but there is much doubt as to whether it will work. It may create some agitation in the matter and thus do some good in the direction indicated.

There is no question that a great many, perhaps a great majority, of the gifts made at Christmas time are useless. This includes the cigars a man's wife usually gives him, a lot of the stuff gotten out for the holiday trade and a good many other things given with the best of intentions.

After all the spirit is the thing which prompts or should prompt the giver and the expenditure of large sums on gifts to friends is not only a burden on the giver, but on the recipient as well. A card or some token of remembrance is enough to invoke the Christmas spirit. At least at the present time there will be many people inclined to favor the idea of not making at least expensive gifts.

Clamp Clark advised the boy and girl corn growers whom he addressed the

other day to "stick to the farm and keep out of politics."

Evidently Speaker Clark appreciates that politics is a poor business, growing poorer right along, and about to go out altogether.

An Eastern Kansas editor suggests that if Colonel Roosevelt is ever President again he will go Mr. Wilson one better and make Congress go to the White House and listen while he reads the message from the front steps.

The Hetch-Hetchy measure has passed the Senate by a vote of 13 to 25. It is a foregone conclusion that the President will sign the bill as a man of his intelligence could not very well do otherwise.

So now it would seem that the last legal stumbling block in the way of a pure water supply for the bay district had been removed and that now it becomes a question of finance and construction detail.

Some farmers of the San Joaquin Valley may have thought that they were being deprived of water for irrigation purposes. But in reality they will be benefitted by San Francisco using the Hetch-Hetchy. For the damming of the head waters of Tuolumne will impound the flood streams when the snow melts and allow the water to be distributed at an even rate throughout the year. And this dam is in a government park it is highly improbable that the United States Government would ever have constructed and irrigation project there or allowed any private corporation to impound the water for private purposes.

Altogether the granting of the Hetch-Hetchy permit has been the greatest thing that has happened to San Francisco and the entire Pacific Coast for many a day. And in view of the vital importance of this great measure it is almost unthinkable that private greed could obstruct the consummation of so worthy an object.

Among other things will be the development of electric power which will be of service to the people of the San Joaquin Valley. And the development of this water supply will be a lasting benefit to the people of the state.

In an extended speech at the Progressive meeting, held last Saturday afternoon, Governor Johnson outlined the principles of Progressivism and stated the broad ground upon which the party is founded. In his characteristic style and forceful manner he showed the Progressive party was the dominant party in the country today and that it was time for the progressive of all parties to get together under one banner, the flag of progressive principles. In brief the Governor showed what has been accomplished by the progressives in California and pointed out the obvious path for the future. The following extracts give a brief outline of the main points:

"We are to reorganize, consolidate, or amalgamate? for what? The only answer is 'To Win.' But we would rather go down to defeat with our principles than win without them.

In the last analysis, reorganization and consolidation with the old regime means the surrender of the political freedom so dearly won.

The first duty of Government is to its men and its women and its children, and its first concern and its primal purpose should be the health, and welfare and happiness of its humanity. When this lesson is understood, Government by tradition is past.

We found a State forgetful of its duty to its citizens and cringing toward a political master. Today there is no political master, and the first concern of the State is the happiness and welfare of its People.

The decisions of the Railroad Commission have saved to The People of California many millions of dollars and Progressivism could rest upon its accomplishments alone, in presenting the record to The People of the State.

The saving that has been made by the Board of Control totals millions; but beyond that saving, every man today is free to do business with the State of California, to present his claims, and his bids, and to have them fairly and justly considered.

No employee of the State in the future need worry concerning his position because of politics. He is now judged by merit, and the Civil Service Commission, as at present constituted, will insist upon merit and efficiency as the sole tests.

The Government of the State of California now insists that there shall be computed in the cost of business as well the human deterioration and breakage, and that the maimed body of the worker shall receive the same attention and the same care that the maimed machinery receives.

The health of women who are compelled to toil, the future citizenship of the State, demand that the hours of labor of women should be limited and Progressives have limited those hours to eight and have enforced the administration of the law thus limiting.

More in two sessions of the Legislature has been done for humanity in this State than in all other preceding sessions of the Legislature taken together.

Progressivism gave to California the Initiative, the Referendum, the Recall.

Progressivism recognized the right of suffrage in women and gave it to the women of the State.

Progressivism, by amendment of the Constitution, put into the hands of The People the power of preserving their liberties, the power of writing their own laws, the power of repealing laws that might be inimical to their interests.

The Progressives of California—mindful of the dignity of California; firm in the right of the State to legislate within its jurisdiction as it desired; understanding the tremendous problem presented—had the courage to act in the face of tremendous opposition nationally; gave to the State the Anti-Allen Lund Bill and passed it; and with the bill laid for all time the ghost that had frightened so many in the past."

The National Housing Association met in Cincinnati last week. The purpose of the organization is to provide proper housing for the people and especially the tenants of large cities. It agitates the passage of tenement house acts and the regulation of the

building codes of the cities so as to provide light and air for the occupants of the crowded districts in the cities' slums.

California has been progressive in this matter for its Tenement House Act and the regulations of the building codes of the several cities are such that no such tenements as exist in the Eastern cities could be built here. And the cities here are not large as compared to the great centers of population in the Eastern states.

Sunlight and air are the necessary elements to man's existence. These simple primary truths must be taught and enforced by laws in the crowded centers of population. Otherwise the sick and ill fed will be compelled to live in unsanitary places and disease will germinate and spread and perpetuate itself. Especially is this true of tuberculosis, which depends for its existence on such conditions. People must be taught how to live by the rule and enforcement of law.

The Hearst newspapers are a strange combination. They remind one of a vaudeville show. The cartoonists and the special writers are the headliners and they are the real talent that causes people to read the dailies owned and controlled by William Randolph. But the big editorials of William Randolph on the big subjects of the country are enough to make a cub wolf climb a tree. They are an insult to the intelligence of an owl.

But like the cheap vaudeville Hearst gets the audience. His headliners draw the crowd. And whatever he has to say has a wide circulation so he continues to claim the credit for the rains and the sunshine, prosperity and progress and all the good in the world.

The request of Secretary of the Navy Daniels to construct at Hunter's Point a dry dock capable of receiving the largest ships of the navy is a necessity on this coast and a good thing to San Francisco. Here is the key to the Pacific and here is the deep water in a land locked bay that is capable of taking ships of any draught. When the Panama canal opens the need of such a dock will be more and more a necessity and with guaranty of the United States Government the Union Iron Works can well afford to build it.

The Chronicle presents a unique argument against direct legislation. From the fact that there have been forgeries committed on the referendum petition on the Red Light Abatement Bill the conclusion is that it is impossible to have direct legislation without corruption. That conclusion is certainly worthy of a muttonhead. In other words if reform legislation does not immediately reform every body and transform a sinner into a saint it is therefore a failure.

The crimes here complained of were committed by the henchmen of the old regime. Certainly no person who favored the Red Light Abatement Act forged a name to the Referendum petition. And as this was one of the measures that the Chronicle ascribed to the crazy legislature these forgeries must have been perpetrated in the interest of the people that the Chronicle represents.

Reinforced Concrete In Bridge Building.

Some Opinions of the Value and Limitations of This Material As Opposed to Steel Construction.

The question of the relative merits of reinforced concrete and steel, which has been touched on recently in the editorial columns of this journal, is one of very considerable interest not only to engineers and to contractors, but also to municipal authorities and others who are contemplating the construction of bridges. It is one of the many debatable matters upon which the best authorities disagree, and upon which it is extremely difficult to arrive at a definite and unbiased decision. Concrete construction has many enemies, who refuse to countenance its adoption under any circumstances, and it has also a large and growing army of friends, many of whom, in their enthusiasm, see only its manifold advantages without recognizing its commercially economic limitations. Unreasoning condemnation of concrete by its opponents is a mistake as fatal to the selection of the best available method of construction as is its universal adoption by its advocates. Both are to be avoided as far as possible by the engineers who desire to obtain the best and most economical results.

The Western Canada Contractor has been successful in obtaining the opinions of a number of influential engineers on the question at issue. Below we publish some of these, and in our next issue others will be given. We feel that the matter is of sufficient general interest to justify the space devoted to it, and while we do not anticipate that anything we publish will change the opinions of either the reinforced concrete or the steel construction partisans, it is possible that the publication of the views of recognized authorities will be of interest to our readers, and will enable them to form their own ideas with regard to the merits and limitations of both methods of construction.

A Railway Engineer's Views.

C. H. Carlidge, bridge engineer to the Chicago, Burlington & Quincy Railroad Company, says, in connection with his experience of reinforced concrete bridges:

The Chicago, Burlington & Quincy Railroad Company has, since 1903, been engaged in replacing all its temporary structures in permanent form wherever possible and whenever conditions would permit. It has been its practice to use reinforced concrete in one form or another. The statements up to the end of the last calendar year have not all been completed, but previous statements show that on the lines east of the Missouri river we have constructed and now maintain track over 27,000 feet of reinforced concrete bridges, exclusive of culverts and arches and concrete pipes, and in none of these has there been any sign of failure or any indication which would warrant the assumption that the material is not perfectly suited to the purposes for which it was designed. Since 1906 we have installed under the roadbed about 150,000 lin. ft. of reinforced concrete pipe; this is 3 in. and 4 in. in thickness, and not a

single failure has occurred from any cause. I have not at present a figure for the amount of concrete bridging in place on the lines west of the Missouri river, but I believe that it is somewhat more than the figure for the lines east. Besides the foregoing we have, on steel bridges, placed a number of concrete slab decks supporting the ballast and ties, and of these we had in place about 11,000 ft. at the last report, or something over two miles. There have been one or two failures of these decks, caused by their having been built in very cold weather, but no damage or accident to trains has resulted in any case, as there has been ample warning of the damage. It has been my experience in numerous tests of reinforced concrete that warning of failure is given long before actual failure takes place, and this is true to a far greater extent than is the case with timber or steel.

As an instance of what has occurred in my experience as showing the dependability of reinforced concrete, I will cite the instance of an arch of a 75-ft. span carrying a railroad track. The arch was founded upon piling driven in sand, the wing walls of this arch were parallel to it, extending upon the abutment and not connected to the spandrel walls, so that when a very heavy scour occurred, washing the sand from beneath the foundations of its wing walls, a settlement of about 2 inches took place in one foundation, resulting in the flattening of the arch. It is interesting to know that no cracks appeared in the arch ring proper. The only crack discernable was between the spandrel wall on the extrados of the arch.

It has been my duty for the last few months to prepare and report upon reinforced concrete on the railroads of the United States for presentation to the International Railway Congress, and among the questions propounded is this: "Is your opinion of concrete as a material of construction for railroad structures generally favorable?" The answer to this has been in every case "Yes," although I have replies from only about half of those addressed so far. Another question is: "Have you had experience on the influence of repeated stress, especially with regard to the adhesion of the concrete to the reinforcement?" Every correspondent has reported to me that there has been no deterioration from the influence of repeated stress or vibration. This agrees with my own observation of ten years' experience with reinforced concrete construction under heavy railroad traffic, each structure receiving thousands of impacts from the passage of every freight train.

I may add that it is our standard construction for track elevation superstructures in cities to build of reinforced concrete. My opinion is that with good foundation assured, the factors of first cost and maintenance are the ones which should decide the question as to the character of the

structure, and I have no hesitation in asserting from my own experience that the maintenance cost of reinforced concrete in either flat slabs or arches is much less than that required for steel, and that concrete ought to be used whenever its first cost is equal to that of steel or less, and this, of course, will be the case in the majority of instances of ordinary loadings.

Cost of Maintenance Emphasized.

Robert E. Gaut, of Gaut & Chase, Chicago, is in favor of concrete structures, and expresses his opinion as follows:

Among the largest single users of reinforced concrete for general purposes are railroads and municipalities, and I am referring to these two users as being typical of the general use of reinforced concrete construction. For many years reinforced concrete has been in general use by the great majority of American railroads for all purposes for which concrete or masonry construction could be used. On most of the railroads today such construction is the standard.

Concrete is universally used for substructure work and in practically all cases where arched structures are possible. The extent to which concrete is used on American railroads is shown by the very large annual orders for cement which are placed by railroads, these amounting to over 500,000 barrels per year. The writer has in mind many large arched structures in railroad use, and does not know of a single failure where such work was properly designed and constructed.

A most excellent and modern example of the use of reinforced concrete for railroad purposes is to be seen in Chicago in connection with the Soo Line (Canadian Pacific) freight terminal. This work is now in process of construction and consists of a two-story structure of reinforced concrete throughout, the track level being the upper deck. Over 100,000 cubic yards of reinforced concrete material is being used in this structure. The writer might add that other and much larger developments of the same nature are now being planned in Chicago and other cities, and that in each case they are to be constructed of reinforced concrete.

Practically all American cities are using reinforced concrete arched structures wherever a fixed structure is possible. Many very notable examples might be mentioned, in which wide arched spans are employed. As far as the writer is able to recall, no serious difficulties have been experienced in either the building or maintenance of such structures, and as far as he is able to state they have in every case proven satisfactory to the cities in which they were built.

An item of maintenance in a steel viaduct is an important item. In the case of the reinforced concrete structure, properly designed and built, the item of maintenance can practically be neglected with the exception, of course,

that the roadway surface would have to be maintained in the same way in either case.

An Opinion From England.

J. Partington, a well-known English consulting engineer and bridge designer, deals with the subject in the following manner:

The question of the relative merits of steel and reinforced concrete as materials for bridge construction is a big one, and one which cannot be dealt with off-hand. It is my opinion that the adage "Circumstances alter cases" is particularly applicable to the problem under consideration. There are instances where the employment of reinforced concrete is feasible, and there are others where steel is to be preferred. It is only by a consideration of the exigencies of a particular case that a decision can be arrived at one way or the other. Broadly speaking, the writer considers that steel is generally a better material to employ for structures on account of its greater reliability.

In this country we do not employ reinforced concrete to anything like the same extent as it is employed on the American continent, and our experience of its behavior is, therefore, to a certain extent, limited. I think I am right, however, in stating that of recorded structural failures or partial failures, a larger percentage have occurred in concrete than in steel, when one considers the relative extent of the employment of each. For this reason I am of the opinion that steel is the more dependable material, and therefore the more advisable for bridge construction, in which dependability is the chief requisite.

In order, however, to comply with your request for as unbiased an opinion as possible, I should like to point out that reinforced concrete construction is still in its infancy, and that it is probable that a great many failures have been due to the fact that we do not yet fully understand the nature of the material with which we are working. In other words, it is probably our lack of knowledge, with its inevitable consequence of faulty design, which has caused the failures, rather than any inherent defects in the material itself. Should this be the case, the passage of time and the carrying out of investigation will do much to remove the existing disability under which reinforced concrete labors. We have much yet to learn, such matters as variations of temperature within the body of the concrete itself and the stresses occasioned thereby, the effects of temperature and atmospheric humidity at the time of setting on the strength of the concrete, and many other points having never been satisfactorily investigated as yet.

As things are I consider steel to be decidedly preferable to reinforced concrete in a great majority of cases, not only for bridges, but for other structures which are heavily loaded. Where a sound foundation is assured, and where moderate spans can be conveniently employed, concrete bridges can be adopted with advantage, and are to be commended on account of their low cost of maintenance. Otherwise my own personal choice would lean to steel.

Erosion of Steel by Atmosphere.

The following is a reproduction of a part of an article written for the Concrete-Cement Age by F. P. McKibben, professor of civil engineering, Lehigh University, Pa., and touches on an important aspect of the question:

The adaptability of concrete to bridge construction is due primarily to its permanency. It does not rust. It requires no paint. In short, maintenance charges are reduced to a minimum when a well-built concrete bridge is in place. This quality appeals strongly to engineers, but more so to taxpayers.

Highway bridges are notoriously neglected and these structures, when made of steel, are frequently very short-lived. The examination of nearly 700 highway bridges, many of which are of steel, has convinced the writer of the truth of this statement. Some structures receive no attention from the time the contractor leaves them until conditions are so bad as to force action, for steel cannot resist corrosion when in contact with damp earth, or over railroads where locomotive gases are active, and even where neither of these agencies is at work, but where dirt and acids pass through the floorings to the steel below. Cases are on record in which parts of steel bridges have been completely eliminated by corrosion in less than fifteen years, and in extreme instances 10 years have been the term of service of some steel parts exposed to undue corrosive influences. The average life of steel highway bridges is, of course, longer than the periods given, but continuous maintenance is the price paid to insure it.

AN ARCHITECT'S FEES.

In view of the many published statements about the large fee to be received by Guy Lowell, the architect of the new court house for New York, it is interesting to observe the element of uncertainty which attaches to the profit to be derived from an undertaking of this magnitude.

The cost to an architect of preparing his drawings and specifications and seeing that they are properly carried out, in offices run on the best business basis, is at least one-half of his commission, says the Philadelphia Ledger. This, however, applies only to the general class of buildings and not to residential or public and monumental work. The cost is then as high as 75 per cent of the architect's commission.

The United States government prepared a statement which was submitted in congress (senate document No. 916, 62nd congress, second session) which gave the average cost of preparing drawings and specifications alone, exclusive of superintendence or any other field expenses, for the years 1905 to 1911, inclusive, to be 6.2 per cent. This was for preparing the drawings for the buildings erected by the United States government and done by the supervising architect of the treasury, a man known for his great executive ability, and, therefore, done with the greatest economy possible.

Reports have been submitted by the state architect of New York showing that the cost to the state for preparing the plans and specifications made in the state architect's offices exceeds 6 per cent. The cost to the New York

Central railroad for preparing the plans for their new station has exceeded 6 per cent. Therefore, an architect who is able to prepare the plans for a \$10,000,000 building at a cost to him of less than 6 per cent of the total cost of the building, must run his office in the most economic manner possible and take his chance that the work may cost him more than his entire fee.

It seems to be the general impression in many uninformed places that an architect makes a few sketches taking a few days of his time and for this work receives an enormous fee. The fact of the matter is that to prepare the plans for a \$10,000,000 court house, will require the services of from 20 to 30 high-priced draughtsmen, as well as a number of engineers and specialists on structural work, heating and ventilation, sanitation, mechanical equipment, etc., working for a period of at least five years; will require a large office at a high rental, and with the most economic administration, his work will cost about \$450,000. This will leave him about \$150,000 profit, or about \$30,000 a year.

What business man is there who is willing to head a \$10,000,000 corporation with a salary of \$30,000 a year? What corporation is there of this size that pays its counsel less than this amount? Such men, however, receive these salaries without investing any of their own money to obtain it. The architect must invest about \$450,000 in actual cash paid out to receive his profit of \$150,000.

All of the above has nothing to do with the professional training and skill of the architect and for which he receives his compensation. He must, therefore, not only invest his own money and run a large business office with a chance of running it at a loss, but he must give his skill to the designing, his knowledge of engineering and construction, and his training in sculpture and mural decoration in order that he may obtain his fee.

Of course, it would be possible for an architect to have his work cost him less than one-half of his commission, and the result would be poorly prepared plans and specifications and inadequate superintendence of the erection of the building, which would result in a greater cost of the building, a far greater cost than any saving in the commission paid to the architect. In carrying out the work of the new court house, the architect will have to give almost his entire time and attention to this one piece of work and in comparison to the fees or salaries paid to the best men in other professions, his compensation will be very small.

NOTICE OF NON-RESPONSIBILITY.

Dec. 12, 1913—E FOURTH & STEVENSON SE 155 NE 275 NW 5 NE 30 NW 80 SW 70 NW 70 SW 235. Investors Realty Co as to improvements on leased property.....
Dec. 10, 1913—NW JONES & OFARRELL W 137-6 N 65 E 62-6 S 22 E 73 S 43. Mary E Pease as to improvements on leased property.....
Dec. 8, 1913—LOTS 10, 11 BLK 15; Lot 1 BLK 25; Lot 1 BLK 17, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property.....

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, J. V. De Ryana. The building will be erected on California street between 5th and 6th avenues. There will be three stores on the first floor and seven suites of two and three rooms on the upper floors. Interior will be finished in pine with some elm panels. Oak floors will be used in the living rooms. All apartments will have wall beds and private bath rooms. Plans provide for steam heat, a hot water system and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Marble entrance and base will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, Class C construction, \$25,000. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner, I. Rosenberg. The building will be erected on the west side of Hyde street north of Sutter and has been designed to contain a number of two and three room suites with baths. Interior finish will be of pine and hardwood. There will be steam heat, a hot water system and vacuum cleaning plant. Bath rooms will have cement floors and tile wainscot. There will be one automatic elevator. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 5 story and base, Class C construction, \$50,000. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owner, J. A. Elston. The building, which will be one of the largest apartment houses yet erected in Berkeley, will occupy a site on Telegraph avenue at the intersection of Durant avenue. There will be several stores on the first floor besides the main entrance and lobby. Upper floors will contain a large number of two and three room suites equipped with all modern conveniences. Interior finish will be of pine throughout. Oak floors will be used in the living rooms and corridors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. There will be patent store fronts. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, Lewis M. Gardiner, Phelan Bldg., S. F. Owner, Mrs. E. Hubbard. The building will be erected at the corner of Elmer and MacDonald avenues covering an area of 50 by 100 feet. There will be stores on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. All apartments will have wall beds and private baths. Composition floors and

tile wainscot will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, S. Long. The building will be erected at the corner of 19th and Church streets and has been designed to contain a number of two and three room suites with baths. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat, a vacuum cleaning system and wall beds. All suites will have wall beds. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and ready for figures.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, brick, \$13,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mrs. Lilly Burbank. Contractor, J. Eric Johanson, 2726 26th street, S. F. Contract price, \$13,000.

BANKS.

SANTA ANA, ORANGE CO., CAL.—Bank and offices, 5 story and base, Class A construction. Cost not stated. Architects, T. Beverley Keim Jr., and Co., Los Angeles Investment Bldg., L. A. Owners, Farmers' and Merchants' Bank of Santa Ana. This work has been mentioned here before when plans were first started. Working drawings have been approved and figures will be called for shortly. The structure will be erected at the corner of Fourth and Main streets and will cover an area of 50 by 100. The bank will occupy the entire first and mezzanine floors. Each of the upper floors will be subdivided into 14 modern offices. Interior finish will be of pine, hardwood, marble and tile. There will be a complete steel frame and exterior walls of brick, faced with pressed brick and terra cotta. Plans provide for steam heat, elevator service, a vacuum cleaning system and fireproof vaults.

Contracts Awarded.

LOS ANGELES, CAL.—Bank ornamental iron work, \$32,500. Architects, William Curlett & Son, Phelan Bldg., S. F. Owners, Merchants' National Bank. Contractors, Rudgear-Merrell Co., S. F. Contract price, \$32,500. The Wessels Marble and Tile Co., H. W. Hellman Bldg., L. A., has been awarded a contract for the marble and tile work on the same building at approximately \$16,000.

BRIDGES AND DAMS.

SAN MATEO, SAN MATEO CO., CAL.—Bridge, wood construction. Cost not stated. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans have been approved for the construction of a wooden highway bridge in the First Road District. Plans are now out for figures.

Bids will be opened by the County Supervisors on December 29th. Plans can be secured from the County Surveyor, Redwood City. An official proposal appears in another column of this issue.

Contracts Awarded.

TILLAMOOK BAY, ORE.—Jetty work, crushed rock and concrete, \$629,624. Engineer, General Kingham. Owners, United States Government. Contractors, Glebisch & Joplin, Portland. Contract price, \$629,624.

CHURCHES.

TUCSON, ARIZ.—Church, 2 story and base, brick. Cost not stated. Architects, Frohman & Martin, Slavin Bldg., Pasadena, Cal. Owners, Grace Episcopal Church. The building will be erected at the corner of Stone and University avenues and will be designed in the Gothic style. There will be a large main auditorium seating 500 people. Sunday school rooms, pastor's study and social rooms. A rectory will be erected later. Interior finish will be of pine and hardwood. A maple floor will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared. Further mention will be made of the work as plans progress.

COURT HOUSES.

ALTURAS, MODOC CO., CAL.—Court house, 2 story and base, reinforced concrete, \$90,000. Architect, F. J. De Longchamps, Reno, Nevada. Owners, Modoc County. Plans presented by Architect De Longchamps in competition with some fifteen other architects were awarded first place and he has been commissioned to proceed with the working drawings. The building is a fine example of the classic design and will be faced with granite and cement plaster. Construction will be as fireproof as the funds available will allow. Plans provide for spacious offices for the various county officials, two large court rooms with ante chambers, a meeting room for the supervisors and large public space. Several fireproof vaults are also included in the plans. Interior will be finished in pine and hardwoods. Metal window sash and frames and metal furniture will be used. There will be a central heating system, probably steam heat. Plans are to be completed and ready for figures by the January meeting of the supervisors and it is hoped to let contracts for the construction not later than February.

FRESNO, FRESNO CO., CAL.—Hall of Records, 2 story and base, reinforced concrete, \$100,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, Fresno County. The building will be fireproof throughout and has been designed in the classic style with eight stone columns and a marble and tile entrance. The first floor will be arranged to accommodate the offices of the County Clerk and County Assessor. Entire upper floor will be given over to the County Recorder. Floors and interior partitions will be of concrete. Corridors will be finished in marble and tile. A large art glass dome will be one of the features of the building. Plans call for steam heat, vacuum cleaning, oil burning furnaces and metal window sash and frames. Fireproof

vaults will be provided for each of the county officials. Exterior of the building will be faced with cement plaster and terra cotta. Plans have been approved.

FACTORIES & WAREHOUSES.

BREWERY GROUP—1 and 2 story, Class A construction, \$500,000 to \$1,000,000. San Francisco. Architect, V. Wyss Thalman, David Hewes Bldg., S. F. Owners, United Brewers Consumers' Association. The association has secured a lease on a large tract of land in the southern part of the city with available spur track facilities and are now selling stock in the company. Original plans for the buildings have been revised and it is reported that the stock is finding a ready market. Construction will probably be started early in the new year.

ICE STORAGE PLANT—1 story and base, brick, \$20,000. Fresno, Fresno Co., Cal. Architect, R. F. Felchin, Fresno. Owners, Consumers' Ice Co. This work is in the nature of an addition to the company's present plant. The building will cover a considerable ground area and has been designed with exterior walls of extra thickness. There will be a concrete foundation and cement floor. Metal window frames and sash and wire glass are also specified. Interior finish will be of pine and spruce. Modern refrigerating machinery and equipment are called for in the general construction. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

SAN FRANCISCO—Brewery group, 1 and 2 story, Class A construction, \$500,000 to \$1,000,000. Architect, V. Wyss Thalman, David Hewes Bldg., S. F. Owners, United Brewers Consumers' Association. The association has secured a lease on a large tract of land in the southern part of the city with available spur track facilities and are now selling stock in the company. Original plans for the buildings have been revised and it is reported that the stock is finding a ready market. Construction will probably be started early in the new year.

FRESNO, FRESNO CO., CAL.—Ice storage plant, 1 story and base, brick, \$20,000. Architect, R. F. Felchin, Fresno. Owners, Consumers' Ice Co. This work is in the nature of an addition to the company's present plant. This building will cover a considerable ground area and has been designed with exterior walls of extra thickness. There will be a concrete foundation and cement floor. Metal window frames and sash and wire glass are also specified. Interior finish will be of pine and spruce. Modern refrigerating machinery and equipment are called for in the general construction. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

Contracts Awarded.

SACRAMENTO, CAL.—Warehouse, 3 story and base, brick. Cost not stated. Architect's name not given. Owners, Northern Electric Co. Contractors, Murdoch-Haley Co., Sacramento. Contract price not stated.

WAREHOUSE—2 story and base, reinforced concrete. \$40,000. Portland, Ore. Architect, P. Chappell Browne, Mohawk Bldg., Portland. Owner, W.

P. Crawford. Contractor, James P. Taylor, Couch Bldg., Portland. Contract price, \$40,000.

PORTLAND, ORE.—Warehouse, 2 story and base, reinforced concrete, \$40,000. Architect, P. Chappell Browne, Mohawk Bldg., Portland. Owner, W. P. Crawford. Contractor, James P. Taylor, Couch Bldg., Portland. Contract price, \$40,000.

FIRE HOUSES AND JAILS.

BERKELEY, ALAMEDA CO., CAL.—Fire house, 2 story and base, reinforced concrete, \$25,000. Architect William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. Plans have been completed for a modern fire house which is to be erected on Durant avenue east of Shattuck. The building will contain apparatus rooms, office and store rooms on the first floor. Upper floor will be arranged for living quarters for the men, a general assembly room and reading and card room. Plans provide for steam heat, an oil burning system, special plumbing, vacuum cleaning and a hot water supply. Interior finish will be of pine and hardwoods. Wall beds will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened on December 23rd.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame. Cost not stated. Architects, H. Gellfuss & Son, 45 Kearny street, S. F. Owner's name withheld. The building has been designed to contain a store on the first floor and two modern flats on the upper floor. Interior finish will be of pine throughout. Each of the living rooms will have an open fire place with tile or brick mantel. Bath rooms will have tile wainscot. Patent store fronts will be used in the first floor. Exterior of the building will be covered with rustic and shiplap. Plans are complete and a contract for the grading has been awarded to John Kilso for approximately \$1,000. Bids are being called for on the balance of the work.

SAN FRANCISCO—Flats, 3 3-story and base, frame, \$6,000 each. Architect, none. Owner, Adrienne E. Thompson, 1876 15th street, S. F. These three buildings will be erected on the east side of Dolores street north of 15th. Each has been designed to contain five small apartment flats. Interior finish will be of pine with some elm panels and oak floors. Each flat will have a private bath with composition floor and tile wainscot. There will be open fire places and tile mantels. Wall beds will be used. Exterior of the buildings will be covered with rustic and cement plaster or metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, J. Harold Johnson, 752 9th avenue, S. F. The building will be erected on the east side of 9th avenue south of Chabilla covering an area of 24 by 59 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine with some elm panels. Oak floors will be used in the principal rooms. There will be open fire places

and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster, rustic and shiplap. Plans are complete and in the hands of the owner, who will do the work by Day Labor. All materials are now being purchased.

GARAGES.

OAKLAND, CAL.—Garage and sales rooms, 4 story and base, reinforced concrete, \$35,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Cuyler Lee. This building, which has been mentioned here before, has been increased in size since the original plans were prepared. These drawings provided for but one story, and since new plans have been prepared for a four-story structure. Construction will be practically fireproof. The design is in the classic style. Exterior will be faced with cement plaster. Interior of the front portion of the building will be finished in hardwoods, tile and marble. There will be patent store fronts and plate glass windows. The building is to be erected at the corner of 24th and Broadway. Bids are now being taken.

LOS ANGELES, CAL.—Garage, 2 story and base, brick. Cost not stated. Architect, Reginald D. Johnson, Staats Bldg., L. A. Owner, Mrs. N. Rose. The building will be erected on Figueroa street near Washington covering an area of 50 by 150 feet. The structure has been designed for a commercial garage and besides the storage space, will contain a completely equipped machine shop, paint shop and body works. Interior will be finished in pine. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 story and base, brick, \$15,000. Architects, Garrett and Farrell, Currier Bldg., L. A. Owner, James Irving. Contractor, I. W. Morrison, Builders' Exchange, L. A. Contract price, \$15,000.

GOVERNMENT WORK AND SUPPLIES.

The acting secretary of war has transmitted to Congress plans and detailed estimates for the construction of barracks and quarters for the garrisons of the mobile army and coast artillery in the Island of Oahu and in the Panama Canal Zone, in accordance with provisions of the act of Congress approved June 23, 1913. The letter is as follows:

Estimates for Barracks and Quarters.

War Department,
Washington, Nov. 6, 1913.

Sir: I have the honor to submit herewith complete plans and detailed estimates for the construction of barracks and quarters for the garrisons of the mobile army and the coast artillery in the Island of Oahu and in the Panama Canal Zone, prepared in accordance with the provisions of the act of Congress approved June 23, 1913, making appropriations for sundry civil expenses of the government for the fiscal year ending June 30, 1914 (Public No. 3) page 79, viz:

"The secretary of war is authorized and directed to cause to be prepared and submit to Congress on or before Dec. 15, 1913, complete plans for, and detailed estimates of, barracks and quarters for the mobile army and sea-coast artillery on the Canal Zone and in the Hawaiian Islands."

These estimates are submitted, first, for organizations at full statutory strength and, second, with regiments of the infantry army increased to a possible maximum of 3,000 men.

It will be noted that, although these estimates for the construction in the Canal Zone include estimates for the construction of buildings with steel frames and stucco, tile and stucco, and buildings composed of concrete block, detailed plans for buildings of concrete block only are forwarded for construction on the Canal Zone. This type has been accepted as most suitable in view of the statement of Colonel Goethals at the hearing before the House committee on appropriations concerning "Estimates for the construction of and the fortification of the Panama Canal for the fiscal year 1914" that, in his opinion, concrete-block construction in the Canal Zone is superior to cement-guns or the hollow tile and stucco methods.

The estimates, representing the total cost of the project, are based upon the following strength of garrison, which has been determined, after full and careful study by the general staff, as necessary for the Hawaiian Islands and the Panama Canal Zone, in order that these possessions, which are of vital importance to the United States, may be securely held at all times:

Schofield Barracks, H. T.—Two regiments of infantry (statutory strength); one regiment of cavalry; one regiment of field artillery; one battalion of heavy field artillery; one field signal company; one telegraph company, signal corps; one aeronautical detachment, signal corps, and two field ambulance companies.

Fort Shafter, H. T.—Four regiments of infantry (statutory strength) and one battalion of engineers.

Fort Ruger, H. T.—Two companies of coast artillery for sea-coast defenses proper and one company of coast artillery to man the heavy siege batteries for the land defenses.

Fort Kamehameha, H. T.—Five companies of coast artillery for the sea-coast defenses proper, one company of coast artillery for the mine defenses at Pearl Harbor and Fort Armstrong, and two companies of coast artillery for manning the heavy guns for the land defenses.

Fort De Russy, H. T.—Two companies of coast artillery for the sea-coast defenses proper.

Fort Armstrong, H. T.—Caretaker's detachment.

Canal Zone—Three regiments of infantry (statutory strength); one squadron of cavalry; one battalion of field artillery (mountain); 12 companies of coast artillery; one company of engineers; one telegraph company, signal corps; one aeronautical detachment, signal corps, and one ambulance company.

For so much of the general scheme as, in the opinion of the department, is absolutely necessary and can be economically undertaken at this time the following estimates, based on statutory

strength only, were included in the regular annual estimates of appropriations required for the service of the fiscal year ending June 30, 1915, forwarded to the secretary of the treasury for inclusion in the annual book of estimates, fiscal year 1915:

Under the heading "Military Posts:" Schofield Barracks, Hawaii—Barracks for one regiment of infantry and sewage-disposal plant, \$112,000.

Fort Shafter, Hawaii—Barracks and quarters for headquarters and two battalions of infantry, \$479,000.

Under the heading "Cavalry post, Hawaii:"

Schofield Barracks, Hawaii—Completing accommodations for one regiment of cavalry, \$154,000.

Under the heading "Sea-coast defenses, Philippine Islands and Hawaii:"

Fort Kamehameha, Hawaii—Barracks and quarters for four companies of coast artillery, \$531,200.

Fort De Russy, Hawaii—Barracks and quarters for one company of coast artillery, \$176,400.

Total for Hawaiian Islands, \$1,753,000.

Under the heading "Army quarters, storehouse, etc., Canal Zone:"

Repairs to canal buildings, \$100,000.

Construction of necessary stables and gun sheds, \$193,780.

Barracks, etc., for eight companies of coast artillery at Balboa dump, \$684,000.

Barracks, etc., for two companies of coast artillery, at Margarita Island, \$225,500.

Repairs to canal buildings at Toro Point, \$5,900.

Water and sewer system, roads, walks and lighting system at Toro Point, \$60,000.

Total for Canal Zone, \$1,268,580.

Total for Hawaiian Islands and Canal Zone, \$3,022,150.

The estimates for the Hawaiian Islands provide for barracks for one regiment of infantry, officers' quarters for which have already been provided; completing barracks and quarters for one regiment of cavalry and a sewage-disposal plant, all of these at Schofield Barracks; barracks and quarters for headquarters and two battalions of infantry at Fort Shafter; barracks and quarters for four companies of coast artillery at Fort Kamehameha, and barracks and quarters for one company of coast artillery at Fort De Russy. These funds, if appropriated, will permit the completion of the permanent barracks for two regiments of infantry (at full statutory strength), one regiment of cavalry, seven companies of coast artillery, and will leave temporary barracks for two regiments of infantry (at full statutory strength), one regiment of field artillery, technical troops, and five companies of coast artillery; if the infantry regiment at full statutory strength (1,836 enlisted) is adopted for the garrison, barracks and quarters, either temporary or permanent, will have to be provided for two more regiments of this arm. On the other hand, if the larger regiment is adopted, the existing barracks for the men, both temporary and permanent, at Schofield Barracks and at Fort Shafter, will have to be increased, but no additional officers' quarters will be required. This will result in a saving of \$602,231.96, as there will be about 100 less sets of officers' quarters to be pro-

vided with the four large regiments that with the six regiments at statutory strength. The number of men will be practically the same in either case. Temporary barracks should be avoided if possible, as it is uneconomical at stations where troops are to be maintained permanently.

Alternate estimates are also submitted herewith for the construction of infantry barracks at Fort Shafter and Schofield Barracks, Hawaiian Islands, based upon, first, full statutory strength (1,836 enlisted) and, second, maximum strength of 3,000.

It should be understood that the estimates of appropriations as submitted to the secretary of the treasury for inclusion in the annual book of estimates, fiscal year 1915, are based on the statutory strength of infantry regiments.

The estimates for construction in the Canal Zone are based upon the assumption that sufficient canal buildings will be available for the shelter of the great bulk of the personnel of the mobile army and for the enlisted and commissioned personnel of that portion of the coast artillery forming the garrison of the artillery defenses at Toro Point. Certain funds are also estimated for as necessary for the modification of these buildings to make them Panama the sanitary conditions are such that it would be most unwise to suitable for quarters for officers and enlisted men and for the construction of the necessary shelter for animals.

I consider that the amounts requested are absolutely necessary in order properly to shelter the troops. At send troops until proper shelter is provided. The coast-defense works are rapidly being completed, and it is of the greatest importance that the estimates for barracks and quarters for the coast artillery be granted, as the guns will be in position before the barracks can be completed, and artillery troops should be on hand as soon as the guns are ready for service.

Very respectfully,

Henry Breckenridge,

Acting Secretary of War.

To the Speaker, House of Representatives.

New Army Work.

The quartermaster general has directed that the following work be performed at various Army posts:

Letterman General Hospital, Cal.—Extension to hot and cold mains, electrical conduits, water and sewer mains, etc., to nurses' corps building, detention ward, hydrotherapeutic ward, etc. The bids called for by the constructing quartermaster at Fort Mason, Cal.

Army Work.

The quartermaster general of the army has authorized the following work at Army posts:

Fort Mason, Cal.—Extending electric-light system on transportation dock, bids to be opened by the quartermaster at Fort Mason.

Fort Huachuca, Ariz.—Constructing one double captain's quarters and one double blacksmith's shop, bids to be opened by the quartermaster of the post.

Vancouver Barracks, Wash.—Constructing six frame mess shelters, including electric wiring and plumbing, bids to be opened by the department

quartermaster, San Francisco, Cal.

Port Mason, Cal.—Constructing sewer line, bids to be opened by the post quartermaster.

Pearl Harbor, H. T., Generator Set.

The chief of the bureau of yards and docks, Navy Department, Washington, D. C., has accepted the bid of the Ridgeway Dynamo & Engine Co., Ridgeway, Pa., \$2,749 in amount, for furnishing a motor generator set at the U. S. naval station, Pearl Harbor, T. H.

Regulating Valves.

Abstract of bids for needle regulating valves for Minutaire dam, North Platte project, Neb., received under advertisement No. 248 (Washington number), opened at Los Angeles, Cal.:

Pittsburgh Valve Foundry & Construction Co., Pittsburgh, Pa., \$4,328; at Pittsburgh, Pa., 105 days; eight 61,000 lbs.

Coffin Valve Co., Boston, Mass., \$4,755; at Neponset, Mass., 162 days; weight 55,700 lbs.

Hinman Hydraulic Mfg. Co., Denver, Colo., \$5,173; at Denver, Colo., 50 days; weight 57,800 lbs.

Best Mfg. Co., Pittsburgh, Pa., \$5,240; at Verona, Pa., 2 in 75 days and 2 in 95 days; eight 74,000 lbs.

Poer & Mining Machinery Co., Cudahy, Wis., \$5,261; at Cudahy, Wis., 106 days; weight 57,000 lbs.

Rosedale Foundry & Machine Co., Pittsburgh, Pa., \$5,420; at Pittsburgh, Pa., 120 days; weight 62,000 lbs.

Minneapolis Steel & Machinery Co., Minneapolis, Minn., \$5,610.71; at Minneapolis, 65 working days; weight 62,000 lbs.

Advance Machine Co., Los Angeles, Cal., \$5,782.42; at Los Angeles, Cal., 96 days; weight 62,000 lbs.

Pelton Water Wheel Co., San Francisco, Cal., \$6,675; at Harrisburg, Pa., 2 in 80 days and 2 in 110 days; weight 66,200 lbs.

Providence Engine Works, Providence, R. I., \$6,990; at Providence, R. I., 150 days; weight 65,000 lbs.

Fulton Engine Works, Los Angeles, Cal., \$3,195; at Los Angeles, Cal., 120 days; weight 68,000 lbs.

Air-Break Switches.

Abstract of bids for 32,000-volt air-break switches, adv. 251, for Minidoka project, Idaho, bids opened at Los Angeles, Cal.:

(Charles Farnham) Pacific Electric Mfg. Co., San Francisco, Cal., \$342, 2 per cent in 10 days; at San Francisco, Cal., 10 days; shipping weight, each \$75 lbs.

Railway & Industrial Engineering Co., Pittsburgh, Pa., \$460, 2 per cent in 10 days; at Pittsburgh, Pa., 20 days; weight 500 lbs.

Electric Appliance Co., San Francisco, Cal., \$600, 2 per cent in 10 days; at Chicago, Ill., 10 days; weight 3,100 lbs.

Foundries at Navy Yards.

The bureau of steam engineering of the Navy Department will take up the question of foundries at the various navy yards, a subject which is regarded as entitled to careful consideration. It is proposed to have special attention paid to the probability that a great portion of the future large casting needs of the Navy may be most efficiently met by the establishment of a central foundry at a navy yard pos-

sessing the greatest natural advantages. It may, in fact, be found desirable to have more than one central foundry; one navy yard may be selected for the central steel foundry, another for the central brass foundry, and another for the central iron foundry. It is held that every navy yard, however small, should have foundry facilities of sufficient capacity for the general work and to provide a certain reserve capacity for emergency wartime conditions.

Albany, Oreg., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting fixtures, and approaches, of the U. S. post office, Albany, Oreg.:

Bid 1, Fred A. Erikson, Salem, Oreg.
2, Palmberg & Mattson, Astoria, Oreg.
3, Sound Construction & Engineering Co., Seattle, Wash.

4, J. H. Wiese.
5, J. H. Tillman, Portland, Oreg.
6, George Isackson, Portland, Oreg.
7, Arthur W. Kutsche, Portland, Oreg.
8, Campbell Building Co., Salt Lake City, Utah.

For using light colored limestone for all stonework, except where granite is required—Bid 1, \$58,975; 2, \$62,390; 3, \$63,869; 4, \$64,770; 5, \$74,100; 6, \$75,000; 7, \$76,000; 8, no bid.

For using light-colored sandstone for all stonework, except where granite is required—Bid 1, \$57,650; 2, \$62,390; 3, \$61,869; 4, \$63,180; 5, \$74,100; 6, no bid; 7, \$76,000; 8, \$57,776.

For alternate A (substituting brick driveway for macadam etc., as specified), add—Bid 1, \$321; 2, \$800; 3, \$266; 4, \$200; 5, \$500; 6, \$200; 7, \$150; 8, \$464.

For alternate B (substituting Keene's cement for plastering, as specified), add—Bid 1, \$199; 2, \$780; 3, \$816; 4, \$600; 5, \$660; 6, \$800; 7, \$1,500; 8, \$316.

For alternate C (substituting metal frames for wood, etc., in connection with window screens, as specified), add—Bid 1, \$375; 2, \$380; 3, \$356; 4, \$350; 5, \$200; 6, \$500; 7, \$350; 8, \$180.

For alternate D (finishing unassigned offices, as specified), add—Bid 1, \$311; 2, \$660; 3, \$874; 4, \$650; 5, \$775; 6, \$642; 7, \$650; 8, \$468.

Amount included in alternate D for radiators and connections—Bid 1, no bid; 2, \$60; 3, \$289; 4, \$65; 5, \$100; 6, \$100; 7, \$100; 8, \$70.

Amount included in alternate D for all work specified under conduit and wiring—Bid 1, no bid; 2, \$80; 3, \$43; 4, \$25; 5, \$150; 6, \$50; 7, \$50; 8, \$10.

Amount included in alternate D for all work specified under lighting fixtures—Bid 1, no bid; 2, \$35; 3, \$75; 4, \$50; 5, \$100; 6, \$42; 7, \$10; 8, \$15.

Alternate E (substituting terra cotta for certain stone on front, as specified), deduct—Bid 1, \$357; 2, \$600; 3, \$1,172; 4, \$1,060; 5, none; 6, \$400; 7, \$400; 8, \$250.

Alternate F (for simplified treatment of certain portions of exterior of building, as specified), deduct—Bid 1, \$1,937; 2, \$2,800; 3, \$5,500; 4, \$5,000; 5, \$1,600; 6, \$1,800; 7, \$2,500; 8, \$250.

Alternate G (substituting wood for marble in connection with wainscot in public lobby and omitting plaster coves, as specified), deduct—Bid 1, \$399; 2,

\$800; 3, \$512; 4, \$100; 5, \$400; 6, \$1,000; 7, \$300; 8, \$5,185.

Amount included in the proposal for all work specified under "Lighting fixtures"—Bid 1, \$596; 2, \$475; 3, \$498; 4, \$1,200; 5, \$1,100; 6, \$500; 7, \$550; 8, \$650.

HOSPITALS

SAN FRANCISCO — Refrigerating plant, Isolation Hospital. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed and are now in the hands of the Board of Public Health for the construction of a refrigerating plant at the Isolation Hospital. Bids will be opened on December 20th. Plans and specifications can be secured from the Board of Health, 1085 Mission street. An official proposal appears in another column of this issue.

SAN FRANCISCO — Hospital work, plumbing, heating and electrical construction. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans have been completed and figures are now being taken for the installation of heating plant, electric work and plumbing at the Letterman General Hospital. Plans can be secured from the Constructing Quartermaster's Office at Fort Mason. Bids will be opened on December 23rd. An official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO—Hotel, 2 story and base, frame. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Spivain Levy. The building has been designed to contain stores on the first floor and a number of hotel rooms on the second floor. The structure will be erected on Third street near Harrison and will have a frontage of 25 feet by a depth of 80 feet. Only the first floor containing stores will be erected at this time. Interior finish will be of pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$25,000. Architect, Charles J. Rousseau, 16 Kearny street, S. F. The building, which has been mentioned in these columns before, will be erected at the southwest corner of Lombard and Scott streets, overlooking the Exposition grounds. There will be five stores on the first floor and in the neighborhood of 50 guest rooms in the two upper floors. There will be steam heat, portable vacuum cleaners and a hot water supply. Interior will be finished in pine, and hardwood. Stores will have large plate glass windows and patent store fronts. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Veine H. Carter. The building will be erected on North Main street opposite the Plaza, and will cover an area of 90 by 117 feet. The first floor has been arranged for fifteen stores besides the hotel entrance and lobby. Upper floors

will contain 150 guest rooms and a large number of baths. There will be steam heat, elevator service, vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwoods. Tile floors and wainscot will be used in the bath rooms. Metal window sash, frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and now out for figures.

PENDLETON, ORE.—Hotel addition and alteration, 3 story and base, brick, \$35,000. Architects, Tourtellotte & Hummel, Northwest Bldg., Portland. Owners, Pendleton Hotel Co. The present building, covering an area of 100 by 120 feet on the first floor and 100 by 60 feet on the upper floors will be altered so as to make the upper floors uniform. Scagliola columns, Caen stone and marble finish will be installed on the first floor. A new passenger elevator and plumbing is also to be provided. Upper floors in the new portion of the building will contain 24 rooms to the floor. Interior finish will be of pine and hardwood. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LIBRARIES.

COALINGA, FRESNO CO., CAL.—Library, 1 story and base, brick, \$10,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, City of Coalinga. The building has been designed in the classic style and will be faced with pressed brick trimmed with terra cotta. Plans provide for a large reading room, children's room, stack room, librarian's office and toilets. There will be a central heating system and modern plumbing. Interior will be finished in pine and hardwood. Maple floor will be used. Plans are complete and figures are being taken.

MARSHFIELD, ORE.—Library, 1 story and base, brick, \$12,500. Architect, W. S. Turpen, Marshfield. Owners, City of Marshfield. Drawings submitted in competition with several other architects for the new building have been approved and will be forwarded to New York. The structure will contain reading room, children's room, librarian's office and stack room. Plans provide for a central heating system, probably steam. There will be pine and oak interior finish and maple floor in the reading room. Metal book shelves and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

WATTS, LOS ANGELES CO., CAL.—Library, 1 story and base, brick and concrete, \$7,100. Architect, E. R. Jeffery Citizens' National Bank Bldg., L. A. Owners, Town of Watts. Contractor, H. E. La Rue, Watts. Contract price, \$7,100.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exhibit Building, 1 and 2 story, log construction. Cost not stated. Architects, Edward T. Foulkes, associated with Architect Hogue, Oregonian Bldg., Portland and Crocker Bldg., S. F. Owners, State of Oregon. The building will be erected in the State Exhibit Section of

the Panama-Pacific Exposition covering an area of 150 by 250 feet. A general contract, excluding the interior partitions, plumbing, heating and electric work will be let at this time. Plans are now out for figures. Bids will be called for later on the parts of the work not included in this contract. Plans can be secured from the architects' offices in either this city or Portland.

SAN FRANCISCO—Sanitary and storm water sewers. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for the construction of sanitary and storm water sewers, the Western States and Live Stock sections of the Exposition Grounds. Plans are now out for figures and bids will be opened on December 26th. Plans can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—Main entrance tower, steel and frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for the general construction of the Main Entrance Tower show Connery-Peterson Co., 46 Kearny street, low at about \$225,000. The next lowest figure was submitted by Neil A. McLean, Chronicle Bldg. No contract has been awarded.

Contracts Awarded.

SAN FRANCISCO—Structural steel, main entrance tower. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Dyers Bros., S. F. Contract price not stated.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Round house equipment. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids are now being called for by the Board of Public Works for furnishing machine shop equipment for the Geary Street Municipal Car Barns. Plans and full particulars can be secured from the Board of Public Works. Bids will be opened on January 7th. An official proposal appears in another column of this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Joseph M. Geary, 23rd and Folsom streets, S. F. Owners, Parkside Home Building Co. The dwelling will be erected on the west side of 27th avenue near Union street and has been designed for a seven room house with bath. Interior finish will be largely of pine with elm panels in three of the rooms. Oak floors will be used in the living room, dining room and reception hall. There will be two large open fire places with tile and brick mantels. Parlor and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles and a

brick veneer base. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Bungalows, 2 1/2 story and base, frame, \$2,000 each. Architect, none. Owner, Emil Nelson, 580 Jersey Street, S. F. These houses will be erected on 13th avenue near Judah and on Edinburgh street. Each house will contain six rooms and bath. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$20,000. Architect, Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, H. J. Jones, Southern Pacific Co. This dwelling will be erected in St. Francis Wood and will be designed in the Mission style. Interior has been arranged for 14 rooms, several baths and sleeping porches. Interior finish will be largely of hardwood and white enamel. Oak floors will be used in the principal rooms. Plans provide for a central heating system, hot water supply and a vacuum cleaning system. Bath rooms will have tile floors and wainscot. There will be a number of open fire places with tile and brick mantels. Exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of red clay tile. A frame garage will also be erected on the property.

SAN FRANCISCO—Residence, 3 story and base, frame, \$10,000. Architects, Bliss and Faville, Balboa Bldg., S. F. Owner, Edith P. Bliss. The dwelling will be erected at the northeast corner of Lyon and Vallejo streets and has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine, hardwood and white enamel. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and a contract for the general work will be let at once. Other parts of the work will be done by day labor.

SAN FRANCISCO—Residences, 2 story, attic and base. Class A construction. \$75,000. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owner, L. Sorani. These buildings have been mentioned here before. A general contract was awarded some time ago to MacDonald & Kahn, Rialto Bldg., but the work has been delayed. Plans are being revised in order to include several more rooms and additional changes which will considerably increase the cost of the work.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, P. A. Denmore. The dwelling will be erected in Piedmont and has been designed for an eight room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There

will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Frederick A. Allard. The dwelling will be erected in the Crocker Highlands Tract and has been designed for an eight room house with baths and sleeping porch. Interior finish will be largely of pine with some hardwood veneer in the living and dining rooms. Oak floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. A garage will be erected on the lot. Exterior of both house and garage will be covered with cement plaster on metal lath. Plans are now being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, W. P. Edwards. The dwelling will be erected on Waterside Terrace and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine, white enamel and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. The wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,000. Architect, none. Owners, Barry Building Co., 2327 Market street, Oakland. The dwelling has been designed for a seven room house and will be erected on Linden avenue south of Ashby street. Interior finish will be of pine and hardwood. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Oak floors will be used in the principal rooms. Bath rooms will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster with a brick base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

FIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Charles W. McCall, Century Bank Bldg., Oakland. Owner, Mrs. Cleveland Baker. The dwelling has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantel will be of brick. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,900. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, F. R. Jordan, Security Bank

Bldg., Oakland. The dwelling will be erected at the southwest corner of Cottage and Warfield avenues and has been designed for a seven room house. Interior finish will be of pine and redwood with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Oak floors will be used in the living room, dining room and reception hall. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FIEDMONT, ALAMEDA CO., CAL.—Bungalows, 2 1-story and base, frame, \$2,500 each. Architect, none. Owner, Joseph T. Collin, 325 5th street, Oakland. These houses have been designed for six room bungalows and will be erected on Ricardo avenue. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be large open fire places in the living rooms and brick or tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

RICHMOND, CONTRA COSTA CO., CAL.—Bungalows, 3 1-story and base, frame, \$1,500 each. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, C. O. Clausen. These houses will be arranged for five rooms each and will be erected in the West Richmond Tract. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento. E. E. Sydenstricker, 2318 I street, 2 story frame dwelling, \$2,700; Joseph Edenhofner, 3011 Cypress ave., 2 1-story frame dwellings, \$1,500 and \$1,000 respectively, and E. A. Pierce, 2207 First avenue, 2 2-story frame dwellings, \$3,000 each. Materials on all of these jobs are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, C. Rasmussen, 415 17th street. The house will contain six rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantel will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN JUAN, CAPISTRANO, ORANGE CO., CAL.—Residence, 2 story and base, reinforced concrete, \$2,000. Architect, A. B. Benton, 114 North Spring street, L. A. Owner, John Forster. The de-

sign is in the Mission style and the dwelling has been arranged for ten rooms, two baths and sleeping porch. A garage will also be erected on the property. Interior finish will be of pine and hardwood. There will be a central heating system, probably hot water, vacuum cleaning plant and other modern conveniences. Bath rooms will have tile floors and wainscot. There will be open fire places and brick or tile mantels. Exterior of the house will be faced with cement plaster. A clay tile roof will be used. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, brick. Cost not stated. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, William M. Humphreys. The dwelling will be erected on Rockwood avenue near Union avenue and has been designed for a ten room house with a number of baths. A two story brick garage will also be erected on the property. Interior of the house will be finished in oak and white enamel. Hardwood floors will be used throughout. Plans provide for steam heat, a hot water system, vacuum cleaning and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. All baths will be equipped with showers. Exterior of the dwelling and garage will be faced with ruffled brick. Plans are being prepared.

ASHLAND, ORE.—Residence, 2 story and base, frame, \$10,000. Architect, J. N. McNeil, Northwest Bldg., Portland. The dwelling will be erected on Knott street between 17th and 18th streets and will be designed for a handsome city home. Construction will be fireproof. Details of the building have not been fully decided upon and a description can not be printed at this time. Further mention will be made of the work as plans progress.

PORTLAND, ORE.—Residence, 2 story and base, reinforced concrete, \$50,000. Architect, Eliza F. Lawrence, Chamber of Commerce Bldg., Portland. Owner, J. L. Bowman. The dwelling will be erected on Knott street between 17th and 18th streets and will be designed for a handsome city home. Construction will be fireproof. Details of the building have not been fully decided upon and a description can not be printed at this time. Further mention will be made of the work as plans progress.

Contracts Awarded.

SAN FRANCISCO—Residence, 2 story and base, brick and stone, \$60,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, E. Sheldon Potter. Contractor, Isaac Penny, Phelan Bldg., S. F. Contract price not stated.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$33,000. Architects, Hunt and Burns, Laughlin Bldg., L. A. Owner, Henry House, Contractor, C. J. Nordquist, 532 Patterson street, L. A. Contract price, \$33,000.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence 2 story and base, frame, \$30,000. Architects Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, E. L. Doheny. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$30,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Furnishing crushed rock and repairs to overflow structure. Cost not stated. Engineer, Engineering Department, Temporary City Hall. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing crushed rock for the new City Hall show Enrico Biggio low at \$112 for rock from the old city hall site and the Clinton Fireproofing Co. low on rock from other sources at \$130. Robert Storrie Co. submitted the lowest figure for repairs to the overflow structure at Fourth and Brannan streets at \$750. A complete list of the bids submitted appears under the heading of San Francisco in this issue.

Contracts Awarded.

CENTRALIA, WASH.—Water system, \$135,907. Engineer, Stanley Macomber, City Engineer, Centralia. Owners, City of Centralia. Contractor, W. H. Mitchell, Alaska Bldg., Seattle. Contract price, \$135,907.

SCHOOLS.

SAN JOSE, SANTA CLARA CO., CAL. School gymnasium and manual training building, frame construction. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened by the State Board of Control for the gymnasium building at the San Jose State Normal School show Morrison Bros. of Santa Clara low at \$3,361 and R. O. Summers of San Jose low on the manual training building at \$2,534. A complete list of the figures received for this work will be found under the heading of San Jose and the Santa Clara Valley.

INGLEWOOD, LOS ANGELES CO., CAL.—School, 5 1-, 2- and 3-story, brick, \$150,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood Union High School District. The group will consist of a two-story science hall 110 by 73 feet, a 3-story household economy building 110 by 60 feet, a part one and part two story manual arts building 182 by 94 feet and a one story gymnasium 138 by 68 feet with out-door swimming pool and a building housing a central heating plant. Interior finish will be of pine with maple floors. Plans provide for a vacuum cleaning system and program clocks. Exteriors will be faced with pressed brick. Working drawings are being prepared and figures will be called for about January 1st. Further mention will be made of the work.

TACOMA, WASH.—School gymnasium, 2 and 3 story and base, reinforced concrete, \$62,000. Architects, Heath & Grove, National Realty Bldg., Tacoma. Owners, Stadium High School. Revised plans for this building have been completed and figures are now being called. The building will cover a considerable ground area and will be practically fireproof. Interior will be finished in pine and maple. There will be steam heat and special gymnasium fixtures. Metal window sash and frames are specified. Plumbing will include showers and tub baths. Exterior of the building will be faced with cement plaster. Bids are now being called.

FRESNO, FRESNO CO., CAL.—Normal School group, 1 and 2 story and base

Class A construction, \$370,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. State Architect George B. McDougall states that working drawings are nearly complete for the new State Normal buildings to be erected in Fresno. These buildings will be erected in three wings, covering a ground area of approximately 250 by 400 feet. Details of the construction have not been made public as yet. Architect McDougall states that plans will be complete and out for figures by March 1st. Further mention will be made of this work.

ALHAMBRA, LOS ANGELES CO., CAL.—School group 6 buildings, concrete construction. Cost not stated. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Alhambra. There will be probably six new buildings. The present building will be remodeled and will form the administration building of the group. As soon as Mr. Marsh completes the preliminary work and submits his report on cost, a special election will be called to vote a bond issue for the erection of all or a part of the proposed buildings.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Schools, 3 2-story brick and concrete. Cost not stated. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Long Beach School District. Contractor J. W. Davison, 325 Walnut street, Long Beach, general construction three buildings. Contract price, \$76,718.86.

STORES.

SAN FRANCISCO—Stores, 1 story and base, reinforced concrete, \$5,000. Architect, Marcus M. Meherin, Jr., 307 Scott street, S. F. Owner, A. Bianchi, 317 Washington street. The building will be erected in the wholesale district on the south side of Washington street west of Front and will cover an area of 30 by 120 feet. The building will be carried on a scow foundation and will have reinforced concrete walls and a concrete floor. Interior finish will be of pine throughout. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Market and hall, 2 story and base, frame, \$10,000. Architect none. Owners, Sam and M. E. Spire, 309 Market street, S. F. The building will be erected on Mission street east of 22nd and will cover an area of 15 1/2 feet by 116 feet. The first floor will contain a large market and store and upper floor has been arranged for a lodge hall. Interior finish will be of pine throughout. Some tile and marble will be used in the market. Exterior of the building will be covered with rustle and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Store alterations, 1 story and base, brick, \$5,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteous. This work will include new interior fixtures, finish, plumbing, plastering and electric work. New store fronts set in copper and with plate

glass windows will be installed. Plans are being prepared and figures will be called for shortly.

FRESNO, FRESNO CO., CAL.—Store, 1 story and base, reinforced concrete, \$15,000. Architect, R. E. Felchlin, Fresno. Owner, Mrs. C. B. Shaver. The building will be erected at the southeast corner of J and Merced streets and will cover a large area. Construction will be fireproof throughout with exterior walls of reinforced concrete and interior partitions of hollow tile. Interior finish will be of pine and hardwood. There will be a central heating system, vacuum cleaning and metal window sash and frames. Patent store fronts will be specified. Exterior of the building will be faced with cement plaster. Plans are being prepared.

PORTLAND, ORE.—Stores and loft, 2 story and base, brick and steel, \$20,000. Architects, Camp and De Poy, 426 East Alder street, Portland. Owner, R. L. Gilean. The building will be erected at the corner of 5th and Couch streets covering an area of 100 feet square. The entire building has been leased to one firm who will install a large amount of special fixtures. Interior finish will be of pine with some hardwood veneer. Plans provide for elevator equipment and steam heat. Metal window sash and frames will be specified. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be carried to completion by the architects.

SAN FRANCISCO—Store and nickelodeon, Class C construction, \$12,000. Architect, William Knowles, Hearst Bldg., S. F. Owners, Hind Estate. The building will be erected on the east side of Larkin street north of O'Farrell and will be arranged for a nickelodeon and stores. Interior finish will be of pine throughout. There will be a modern system of ventilation. Patent store fronts are specified. Exterior will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Telephone exchange 6 story and base, Class A construction, \$220,000. Architect, T. W. Burkett, 323 Grant ave., S. F. Owners, Pacific Telephone and Telegraph Co. Contractors, Willard Slater Co., 2314 Santa Fe avenue, Los Angeles. Contract price, \$220,000. Note—The structural steel work has been awarded to the Baker Iron Works for \$25,800.

THEATRES.

SAN FRANCISCO—Theatre, 6 story and base, Class A construction. Cost not stated. Architects, Woollett and Woollett, Newhall Bldg., S. F. Owner's name withheld. Architects Woollett & Woollett have been commissioned to prepare plans for a large theatre and hotel building to be erected on property adjacent to Market street in the neighborhood of Mason street. The new structure will adjoin a six story hotel building now completed, the theatre entrance being through the hotel structure. A large area, formed by the L of these two buildings, will be used for the main auditorium of the theatre, while the rear portion of the lot will contain the stage and dressing rooms. The street frontage will be used for stores. Con-

struction will be of the fireproof type. Names of the owners and the exact location of the building will be made known in a few days.

WATSONVILLE, SANTA CRUZ CO., CAL.—Theatre and stores, 2 story and base, reinforced concrete, \$50,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Appleton Co. The building will be erected on a corner lot covering an area of 60 by 160 feet. The first floor will contain a number of stores besides the theatre entrance and main auditorium and stage. Front portion of the second floor will be arranged for offices. Construction will be fireproof. There will be a central heating system, modern ventilation and a vacuum cleaning system. Interior finish will be of pine. Exterior of the building will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 812—Proposals for Shell Tables for Rifle and Mortar Batteries, Wire Cable, Steel and Iron Pipe, Pipe Fitting, Tire Sizer, Military Netting, Rivets, Bolts, Screws, Tacks, Chain Links, Files, Blacksmiths' Pincos, Wheelbarrows, Machetes, Pliers, Monkey Wrenches, Axes, Shears, Oillocks, Car's Paint Brushes, File Handles, Water Closets, Lavatories, Valves, Manila Rope, Hose, Packing, Tarpaulins, Leather, Vitrified Sewer Pipe, Magnesium Pipe Coverings, Boresaws, Candles, Rock Salt, Belt Dressing, Lard Oil, Paints, Putty, Rules, Paper Clips, Rubber Bands, Level Books, Scratch Pads, Tagboard and Spud Timbers. Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. December 26, 1913**, at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 812) may be obtained from this office or the offices of the assistant purchasing agents, 1686 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; P. C. BOGGS, major, Corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING—Office of the quartermaster, Vancouver Barracks, Wash.—Sealed proposals in triplicate, will be received at this office until **11 a. m. January 2, 1914**, and then opened for constructing six frame mess buildings at this post. Further information may be obtained by applying to this office. **SAMUEL V. HAM**, captain, quartermaster corps.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m., January 6, 1914**, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Grand Junction, Colo. One story and base building, ground area 5,760 square feet, fireproof construction, stone and brick facing, tile and composition roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., or at this office, in the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR METAL SHELVING.

METAL VAULT SHELVING—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **December 22, 1913**, for furnishing and installing metal vault shelving in the U. S. public building at Alameda, Cal. For further information address O. WENDEROTH, supervising architect.

PROPOSALS FOR METAL SHELVING.

METAL VAULT SHELVING—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **December 19, 1913**, for furnishing and installing metal vault shelving in the U. S. public building at Riverside, Cal. For further information address O. WENDEROTH, supervising architect.

PROPOSALS.

OFFICE OF THE BOARD OF HEALTH of the City and County of San Francisco, 1083 Mission street.

Sealed proposals will be received at this office between the hours of **4 o'clock p. m. and 5 o'clock p. m. on Tuesday, the 30th day of December, 1913**, for the following:

"For furnishing, installing and erecting at the Isolation Hospital, 116 Haro and Army streets, in accordance with the requirements of the specifications and to the satisfaction of the Board of Health, a refrigerating plant, consisting of an electric, belt-driven, automatic refrigerating machinery, complete, with brine tank containing ice-making cans, brine pump and refrigerating box with storage tanks."

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal shall be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the Board of Health, and all proposals must be made upon such forms.

The Board of Health reserves the right to reject any and all bids.

By order of the Board of Health,
E. M. COEY, Chief Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 7th day of January, 1914**, for furnishing and delivering the following material:

One machine shop equipment for the Geary Street Municipal Railway.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$5,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
E. J. CHURCHILL,
Secretary.

PROPOSALS FOR REPAIRS.

PAINTING AND REPAIRS—Office of the Custodian, U. S. Public Building, Cheyenne, Wyo.—Sealed proposals will be received at this office until **December 27, 1913**, for repairs and painting to the U. S. post office at Cheyenne, Wyo. Further information may be had

upon application to G. W. HOYT, custodian.

PROPOSALS FOR BRIDGE WORK.

Notice is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of **10 o'clock a. m. on Monday, December 23, 1913**, for constructing a wooden bridge to be used as an overhead crossing at Thornton, in the First Road District, as per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, December 16, 1913, which said plans and specifications are now on file in the office of the clerk of said Board where same may be inspected.

All bids may be addressed to the clerk of said Board of Supervisors at Redwood City, an each bid must be accompanied by a certified check on some reliable bank in a sum equal to the bid, to be held by the clerk of said Board to the undersigned clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county, in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH, County Clerk.

NOTICE TO CONTRACTORS. PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

Sealed proposals will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **10:00 a. m. Friday, December 26, 1913**, for Construction and Installation, Sanitary and Storm Sewers, Western States Sites and Live Stock Section, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (S)

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal. December 8, 1913.

SEALED PROPOSALS in triplicate for electrical work at Army Supply Depot, Fort Mason, and plumbing, heating and electrical work at Letterman General Hospital will be received here

until 11 A. M., December 23, 1913, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to I.T. COL. GEO. McK. WILLIAMSON, Q. M. C. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday, December 26, 1913, for Construction and Installation, Sanitary and Storm Sewers, Western States Sites and Live Stock Section in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent. of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. The bond in the sum of fifty (50) per cent. of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Pre-emptive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of steel tie rods and nuts for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of car bodies for the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$75,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of rail spikes for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of tie plates and rod braces for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of car trucks for the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$20,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of track special work for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$20,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CANAL SALE.

CANAL CIRCULAR 811—Proposals the Purchase of Iron and Steel Scrap, Couplers and Knuckles, and Scrap—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10 A. M., December 23, 1913, at which time they will be opened in public for purchasing the above-mentioned articles.

Blanks and general information relating to this circular No. 811 may be obtained from this office or the offices of the assistant purchasing agents, 24 State street, New York city; 614 Whitney-Central Building, New Orleans, La.; and 1084 N. Polut street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; Baltimore, Md.; Philadelphia, Pa.; Pittsburgh, Pa.; Boston, Mass.; Buffalo, N. Y.; Cleveland, Ohio; Cincinnati, Ohio; Chicago, Ill.; St. Louis, Mo.; Detroit, Mich.; Milwaukee, Wis.; St. Paul, Minn.; Chattanooga, Tenn.; Louisville, Ky.; Mobile, Ala.; Galveston, Texas; Commercial Club, Kansas City, Mo.; Chamber of Commerce, Quincy, Ill.; and Commercial Club, Tacoma, Wash.

C. BOGGS, general purchasing officer.

PROPOSALS FOR BRIDGE WORK.

BRIDGE WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m., December 22, 1913, for the construction of one plain concrete trestle Pratt truss highway bridge of two spans, each 97 feet 6 inches long, for the Milk River project, Mont. For particulars address the United States Reclamation Service, Great Falls, Mont., or Great Falls, Mont. A. P. DAVIS, chief engineers.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913**, for furnishing and delivering the following material:

A quantity of redwood cross ties for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$10,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913**, for furnishing and delivering the following material:

A quantity of steel rails, rail joints and fastenings for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$60,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913**, for furnishing and delivering the following material:

A quantity of air brake equipment for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$5000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 31st day of December, 1913**, for furnishing and delivering the following material:

A quantity of motor equipment for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$55,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including **twelve o'clock, noon, Monday, January 5, 1914**, and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the sand blasting of the granite work on steps of the Capitol Building at Sacramento, California, in accordance with specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the Entire Work.

Cash, a bidder's bond or a certified check in full sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Two (\$2.00) Dollars will be required on the specifications, the deposit to be returned immediately on the return of the specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Sand Blasting of the Capitol Building, Sacramento, California."

[Signed] W. F. McCURE,
State Engineer. (*)

INVITATION TO CONTRACTORS.**PANAMA-PACIFIC COMMISSION OF THE STATE OF NEW YORK.**

SEALED BIDS OR PROPOSALS for the construction of the New York State Building on the grounds of the Panama-Pacific Exposition, San Francisco, Cal., will be received at the offices of the Commission, 140 West 42nd Street, New York City, until **12 o'clock, noon, on the 20th day of December, 1913**. Bids and proposals are invited for furnishing all labor and materials required for the completion of the following works:

1. Erecting a building for the New York Commission for the Panama-Pacific International Exposition at San Francisco.

The time allowed for erecting and completing the building is two hundred and twenty-five (225) Calendar days.

2. Installing the Plumbing, Water Supply and Gas Fitting in the building above mentioned.

The time allowed for completing the work is two hundred (200) Calendar days.

3. Installing the Steam Heating in the building above mentioned.

The time allowed for the completion of the work is two hundred (200) Calendar days.

4. Installing the Electric Work in the building above mentioned.

The time allowed for the completion

of the work is seven-five (75) Calendar days.

The surety required for each bid or proposal is fifty (50) per cent of the bid or proposal.

Contracts will be awarded at a lump sum for each contract.

Contractors must comply with the laws of the State of New York relating to Public Buildings and Structures.

Forms of proposals, together with copies of the Contracts and Specifications, may be had at the office of the Commission, 140 West 42nd Street, New York City, and drawings may be obtained from the Architect, Charles E. Meyers, 1 Union Square West, New York City, and at the office of the Director of Works, Service Building, San Francisco.

Contractors desiring blue prints will be required to deposit six (6) dollars, the cost price of printing.

JOHN R. TALLEY, Vice-Chairman. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 25, 1913.—Sealed proposals will be opened in this office at **3 p. m., January 6, 1914**, for the construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States post office at Grand Junction, Colo. One story and base building; ground area, 5,700 square feet; fireproof construction; stone and brick facing; tile and composition roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., or at this office, in the discretion of the Supervising Architect, O. Wenderoth, Supervising Architect. (*)

PROPOSAL FOR BUILDING.

BUILDING, ETC.—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m., December 18, 1913**, for the construction complete (including mechanical equipment, interior lighting fixtures, and approaches), of the United States post office at La Junta, Colo. The building is two stories and base, with a ground area of approximately 5,240 square feet; stone, stucco, and terracotta facing; tile roof; first floor only of fireproof construction. Drawings and specifications may be obtained from the custodian of site at La Junta, Colo., or at this office, in the discretion of the supervising architect, O. WENDEROTH, supervising architect. (*)

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 17th day of December, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The brick and terra cotta facing work on two large courts of the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred and eighty (180) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per cent of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

REMOVAL NOTICE.

BILL & JACOBSON, formerly of 524-526 Pine street, are now located at 1301 Idaho Bldg. Phone Kearny 1661. Bradshaw Sanitary Garbage Chutes.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

STATE EXHIBIT BUILDING—1 and 2 story, log construction. Cost not stated. San Francisco. Architects, Edward T. Foulkes, associated with Architect Hogue, Oregonian Bldg., Portland, and Crocker Bldg., S. F. Owners, State of Oregon. The building will be erected in the State Exhibit Section of the Panama-Pacific Exposition covering an area of 150 by 250 feet. A general contract, excluding the interior partitions, plumbing, heating and electric work will be let at this time. Plans are now out for figures. Bids will be called for later on the parts of the work not included in this contract. Plans can be secured from the architects' offices in either this city or Portland.

SANITARY AND STORM WATER SEWERS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for the construction of sanitary and storm water sewers for the Western States and Live Stock sections of the Exposition Grounds. Plans are now out for figures and bids will be opened on December 26th. Plans can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

MAIN ENTRANCE TOWER—Steel and frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee for general construction of the Main Entrance Tower show Commary-Peterson Co., 46 Kearny street, low at about \$225,000. The next lowest figure was submitted by Neil A. McLean, Chronicle Bldg. No contract has been awarded.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Joseph M. Geary, 23rd and Folsom streets, S. F. Owners, Parkside Home Building Co. The dwelling will be erected on the west side of 27th avenue near Ulloa street and has been designed for a seven room house with bath. Interior finish will be largely of pine with elm panels in three of the rooms. Oak floors will be used in the living room, dining room and reception hall. There will be two large open fire places with tile and brick mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles and a brick veneer base. Plans are complete and work will be done by Day Labor.

BUNGALOWS—2 1/2 story and base, frame, \$2,000 each. San Francisco. Architect, none. Owner, Emil Nelson, 530 Jersey street, S. F. These houses will be erected on 13th avenue near Judah and on Edinburgh street. Each house will contain six rooms and bath. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be large open fire place in each living room. Mantels will be of tile and brick. Tile wainscot will

be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$20,000. San Francisco. Architect, Charles Edward Hodges, Bankers Investment Bldg., S. F. Owner, H. J. Jones, Southern Pacific Co. This dwelling will be erected in St. Francis Wood and will be designed in the Mission style. Interior has been arranged for 14 rooms, several baths and sleeping porches. Interior finish will be largely of hardwood and white enamel. Oak floors will be used in the principal rooms. Plans provide for a central heating system, hot water supply and a vacuum cleaning system. Bath rooms will have tile floors and wainscot. There will be a number of open fire places with tile and brick mantels. Exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of red clay tile. A frame garage will also be erected on the property.

RESIDENCE—3 story and base, frame, \$10,000. San Francisco. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Edith P. Bliss. The dwelling will be erected at the northeast corner of Lyon and Vallejo streets and has been designed to contain eight rooms, baths and sleeping porch. Interior will be finished in pine, hardwood and white enamel. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and a contract for the general work will be let at once. Other parts of the work will be done by Day Labor.

RESIDENCE—2 2-story, attic and base, Class A construction, \$75,000. San Francisco. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owner, L. Saroni. These buildings have been mentioned here before. A general contract was awarded some time ago to MacDonald & Kahn, Rialto Bldg., but the work has been delayed. Plans are being revised in order to include several more rooms and additional changes will considerably increase the cost of the work.

APARTMENT HOUSE—3 story and base, Class C construction, \$25,000. San Francisco. Architect, Joseph Caben, 45 Kearny street, S. F. Owner, I. Rosenberg. The building will be erected on the west side of Hyde street north of Sutter and has been designed to contain a number of two and three room suites with bath. Interior finish will be of pine and hardwood. There will be steam heat, a hot water system and vacuum cleaning plant. Bath rooms will have cement floors and tile wainscot. There will be one automatic elevator. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

FLATS—2 story and base, frame. Cost not stated. San Francisco. Architects, H. Gelfuss & Son, 45 Kearny street, S. F. Owner's name withheld. The building has been designed to contain a store on the first floor and two modern flats on the upper floor. Interior finish will be of pine throughout. Each of the living rooms will have an open fire place with tile or brick mantel. Bath rooms will have tile wainscot. Patent store fronts will be used in the first floor. Exterior of the building will be covered with rustic and shiplap. Plans are complete and a contract for the grading has been awarded to John Kilso for approximately \$1,000. Bids are being called for on the balance of the work.

FLATS—2 3-story and base, frame, \$6,000 each. San Francisco. Architect, none. Owner, Adrienne E. Thompson, 1576 15th street, S. F. These three buildings will be erected on the east side of Dolores street north of 15th. Each has been designed to contain five small apartment flats. Interior finish will be of pine with some elm panels and oak floors. Each flat will have a private bath with composition floor and tile wainscot. There will be open fire places and tile mantels. Wall beds will be used. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

REFRIGERATING PLANT—Isolation Hospital. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed and are now in the hands of the Board of Public Health for the construction of a refrigerating plant at the Isolation Hospital. Bids will be opened on December 30th. Plans and specifications can be secured from the Board of Health, 1055 Mission street. An official proposal appears in another column of this issue.

HOSPITAL WORK—Plumbing, heating and electrical construction. Cost not stated. San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans have been completed and figures are now being taken for the installation of heating plant, electric work and plumbing at the Letterman General Hospital. Plans can be secured from the Constructing Quartermaster's Office at Fort Mason. Bids will be opened on December 23rd. An official proposal appears in another column of this issue.

HOTEL—2 story and base, frame. Cost not stated. San Francisco. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Sylvain Levy. The building has been designed to contain stores on the first floor and a number of hotel rooms on the second floor. The structure will be erected on Third street near Harrison and will have a frontage of 25 feet by a depth of 80 feet. Only the first floor containing stores will be erected at this time. Interior finish will be of pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

HOTEL—3 story and base, frame, \$25,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street,

S. F. Owner's name withheld. The building, which has been mentioned in these columns before, will be erected at the southwest corner of Lombard and Scott streets, overlooking the Exposition grounds. There will be five stories on the first floor and in the neighborhood of 50 guest rooms in the two upper floors. There will be steam heat, portable vacuum cleaners and a hot water supply. Interior will be finished in pine and hardwood. Stores will have large plate glass windows and patent store fronts. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ROUND HOUSE EQUIPMENT—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids are now being called for by the Board of Public Works for furnishing machine shop equipment for the Geary Street Municipal Car Barns. Plans and full particulars can be secured from the Board of Public Works. Bids will be opened on January 7th. An official proposal appears in another column of this issue.

FURNISHING CRUSHED ROCK AND REPAIRS TO OVERFLOW STRUCTURE—Cost not stated. San Francisco. Engineer, Engineering Department, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing crushed rock for the new City Hall show Enrico Biggio low at \$1.12 for rock from the old city hall site and the Clinton Fireproofing Co. low on rock from other sources at \$1.90. Robert Storrie Co. submitted the lowest figure for repairs to the overflow structure at Fourth and Brannan streets at \$750. A complete list of the bids submitted appears under the heading of San Francisco in this issue.

STORES—1 story and base, reinforced concrete, \$5,000. San Francisco. Architect, Marcus M. Meherin, Jr., 307 Scott street, S. F. Owner, A. Bianchi, 317 Washington street. The building will be erected in the wholesale district on the south side of Washington street west of Front and will cover an area of 30 by 120 feet. The building will be carried on a scow foundation and will have reinforced concrete walls and a concrete floor. Interior finish will be of pine throughout. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

MARKET AND HALL—2 story and base, frame, \$10,000. San Francisco. Architect, none. Owners, Sam and M. E. Spire, 369 Market street, S. F. The building will be erected on Mission street east of 22nd and will cover an area of 45½ feet by 116 feet. The first floor will contain a large market and store and upper floor has been arranged for a lodge hall. Interior finish will be of pine throughout. Some tile and marble will be used in the market. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

THEATRE—6 story and base, Class A construction. Cost not stated. San Francisco. Architects, Woollett and

Woollett, Newhall Bldg., S. F. Owner's name withheld. Architects Woollett & Woollett have been commissioned to prepare plans for a large theatre and hotel building to be erected on property adjacent to Market street in the neighborhood of Mason street. The new structure will adjoin a six-story hotel building now completed, the theatre entrance being through the hotel structure. A large area, formed by the L of these two buildings, will be used for the main auditorium of the theatre, while the rear portion of the lot will contain the stage and dressing rooms. The street frontage will be used for stores. Construction will be of the fireproof type. Names of the owners and exact location of the building will be made known in a few days.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, S. Long. The building will be erected at the corner of 19th and Church streets and has been designed to contain a number of two and three room suites with baths. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat, a vacuum cleaning system and wall beds. All suites will have wall beds. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and ready for figures.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, J. Harold Johnson, 752 9th avenue, S. F. The building will be erected on the east side of 9th avenue south of Cabrillo covering an area of 24 by 59 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine with some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with cement plaster, rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

STORE AND NICKELADEON—1 story and base, Class C construction, \$12,000. San Francisco. Architect, William Knowles, Hearst Bldg., S. F. Owners, Hind Estate. The building will be erected on the east side of Larkin street north of O'Farrell and will be arranged for a nickelodeon and stores. Interior finish will be of pine throughout. There will be a modern system of ventilation. Patent store fronts are specified. Exterior will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

STRUCTURAL STEEL—Main entrance tower. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Dyers Bros., S. F. Contract price not stated.

RESIDENCE—2 story and base, brick and stone, \$60,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, E. Sheldon Potter. Contractor, Isaac Penny. Phenian Bldg., S. F. Contract price not stated.

APARTMENT HOUSE—3 story and

base, brick, \$13,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mrs. Lilly Burbank. Contractor J. Eric Johanson, 2726 20th street, S. F. Contract price, \$13,000.

City Bids Opened.

Board of Public Works Opens Bids For Overflow Structure and For Cleaning Brick at City Hall.

Bids were opened by the Board of Public Works on December 10th for furnishing brick and crushed rock for the new City Hall. Bids were asked for as follows: Prop. A, bricks taken from old City Hall foundations and Prop. B brick from other sources. And

Brick For City Hall.

Robert C. Storrie & Co., Prop. A, \$1.45 Prop. B, \$2.50 per yard.
Preston Wright, Prop. A, \$2.25; Prop. B \$3.50 per yard.
Clinton Fireproofing Co., Prop. A, \$1.40; Prop. B, \$1.90.
Emrico Biggio, Prop. A \$1.12; Prop. B \$4.00.

Repairs to Overflow Structure, Fourth and Brannan.

Robert C. Storrie & Co., \$750
Irwin Scott 1540
Contra Costa Constr. Co., 1200
Contracts have been let by the Board of Public Works for the general construction of the Marshall School to L. Ringrose on Proposition A for \$62,187; electric work to Decker Elec. Co. \$2,260 and plumbing to Alex Coleman, \$6,072.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
4423	Bergerot	Metter	400
4424	Johnson	Johnson	1000
4425	Houle	Houle	3000
4426	Hiermunnus	Herzog	500
4427	On Iron	Dieselskamp	8000
4428	Potter	Penny	33965
4429	Crocker	Lock	825
4430	Houle	Mohler	3000
4431	Howard	Nelson	7400
4432	Joyce	Rednal	4550
4433	Grosh	Norris	11500
4434	Meinert	Feltner	500
4435	Knudsen	Knudsen	1500
4436	Bush	Fulton	5000
4437	Soracco	Cavaglia	3875
4438	Ernst	Ernst	2500
4439	Bianchi	Bianchi	3750
4440	Emhof	Koenig	4600
4441	Main	Brunfield	400
4442	Exley	De Chaine	1900
4443	Neares	W'n Un Bldrs	3000
4444	Fitzhugh	Fitzhugh	2000
4445	Haner	Reynolds	1950
4446	O'Neil	Pearson	1100
4447	Show	Gilbertson	5400
4448	Benard	Moore	165
4449	Shanghai Low	Owner	400
4450	Van Borstel	Meek	400
4451	Selig	Brunswick	400
4452	Ockell	Collin	500
4453	Johnson	Johnson	500
4454	Fassman	Novely	400
4455	Barn	Barn	600
4456	Arkwright	Johnson	900
4457	P J E	Dyer	135598
4458	Ducker	Yates	3000
4459	Bernard	Conlan	17475
4460	Harrison	Vetzel	1013
4461	O'Connell	Bergfeld	2200
4462	P J E	Pringle	2975
4463	Ivanti	Coghino	6000
4464	Jullen	Gen Bldg VV	400
4465	Burbank	Karson	500
4466	Layson	Goodman	400
4467	Chris	Brunfield	400
4468	Canton Mer.	City Cornice	400
4469	Gordon	Gilmore	500
4470	Bliss	Spilo	10000
4471	Spilo	Spilo	9000
4472	Brown	Brown	1600
4473	Nelson	Nelson	1500
4474	National Ice	Owner	2000
4475	Nelson	Nelson	2000



NEW HOBART OFFICE BUILDING
San Francisco

Willis Polk & Co., Architect
San Francisco



PROPOSED OFFICE STRUCTURE FOR SWEENEY ESTATE DESIGNED TO OCCUPY ENTIRE SITE
San Francisco

J. Martyn Haenke, Architect
Los Angeles

4476	Parkside Bldg	Owner	2000
4477	Ferari	Chappe	2100
4478	Crocker	Morehouse	38000
4479	Oldis	Lansing	5000
4480	Same	Same	5000
4481	Ohlandt	Wallace	2500
4482	Thompson	Thompson	6000
4483	Same	Same	6000
4484	Same	Same	6000
4485	Heller	Heller	3000
4486	Armistral	Owner	1400
4487	Barre	Pedeupe	1000
4488	Ellis	Golden Rule S M	400
4489	Johnson	Johnson	4800
4490	Anderson	Anderson	2700
4491	McLane	Parker	2700
4492	Hewett	Jarvis	2700
4493	Rea	Rea	9500
4494	Ario	W'n Un Bldg	3000
4495	National Ice	Vulcan	20660
4496	Crocker	Vulcan	13110

(4423) NO. 238 EDDY. Remodel front
Owner.....J. A. Bergerot, Washing-
ton and Presidio, S. F.
Architect...Oliver Everett, 1940 Web-
ster, San Francisco.

Contractor..L. Metter, 157 Albion Ave.,
San Francisco.
COST, \$400

(4424) E BANKS 150 N Eugenia.
One and one-half-story and basement
frame dwelling.
Owner.....Matt Johnson, 377 Bank,
San Francisco.

Architect...one.
Day's work. COST, \$1000

(4425) W TWENTY-FIFTH AVE 175
S Lincoln Way. Two-story and basement
frame residence.

Owner.....Marion Houle, 3142 Cali-
fornia, San Francisco.
Architect...None.
Contractor..D. Houle, 660 Market, S. F.
COST, \$3000

(4426) NO. 332 MARKET. Erect two
metal signs.
Owner.....J. A. Hiernum, Prem.
Architect...None.

Contractor..Schroeder & Herzog, 415
14th, San Francisco.
COST, \$500

(4427) E MICHIGAN 210 S 20th. In-
stall lavatories, wash rooms and
locker rooms for shop under sidewalk.
Owner.....Union Iron Works, 20th &
Michigan, San Francisco.

Architect...None.
Contractor..E. Diesekamp, 874 Ful-
ton, San Francisco.
COST, \$3000

(4428) NW JACKSON AND CHERRI
W 79-9 N 93 NE 30-0% m or 1 S 100
m or 1 to beg. Excavation, grading,
concrete, steel, iron, brick, terra
cotta, damp proofing, roofing, sheet
metal, carpentry, plaster tile, deaf-
ening, flooring, stairs, sash, screens,
doors, interior finish, glass, granite,
plumbing and electrical work for 2-
story attic and basement brick dwlg.

Owner.....J. Sheldon Potter, Phelan
Bldg., San Francisco.
Architect...Houghton Sawyer, Shreve
Bldg., San Francisco.

Contractor..Isaac Penny, Phelan Bldg.,
San Francisco.

Filed Dec. 8, '13. Dated Dec. 5, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$32,968.50
Bond, \$16,484.25. Surety, U. S. Fidelity
& Guaranty Co. Limit, Aug. 5, '14.
Forfeit, \$20. Plans and specifications
filed.

(4429) SE JESSIE AND ECKER E 105
S 50 W 1-6 S 26 W 103-6 N 76. Altera-
tions and additions to warehouse.
Owner.....Wm. H. Crocker, Crocker
Bank, San Francisco.

Architect...Philip Overman, Shreve
Bldg., San Francisco.

Contractor..Chas. H. Hock, 1788 Fell,
San Francisco.

Filed Dec. 8, '13. Dated Dec. 1, '13.
Brick work completed.....\$2300
Completed and accepted..... 2500
— after acceptance..... 2795

TOTAL COST, \$5397
Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(4430) W TWENTY-FIFTH AVE 175
S Lincoln Way S 25xW 120. All work
for two-story frame residence.

Owner.....David Houle, 660 Market,
San Francisco.
Architect...None.
Contractor..T. E. Mohler, 257A Sth Ave
San Francisco.

Filed Dec. 8, '13. Dated Dec. 4, '13.
Frame up\$750
Brown coated 750
Completed 750
Usual 35 days..... 750

TOTAL COST, \$3000
Bond, none. Limit, 90 days after Dec.
8. Forfeit, none. Plans and specifica-
tions filed.

(4431) S PINE 109 W Van Ness Ave
W 45xS 120. Excavation, fire proofing
and concrete work, except side walk
lights and reinforcing material for
one-story and basement and sub-
basement garage.

Owner.....C. S. Howard by Howard S
Williams, Hearst Bldg.,
San Francisco.

Architect...Frederick H. Meyer, Bank-
ers' Invest. Bldg., S. F.

Contractor..Nilson & Arras.
Filed Dec. 8, '13. Dated Dec. 4, '13.

Concrete poured to sub basement
floor level\$1090
Sub basement and 1st floor slabs
poured and finished..... 2260

Concrete poured to underneath of
roof rafters 22 50
Completed 150
30 days after..... 1850

TOTAL COST, \$7400
Bond, limit, forfeit, none. Plans and
specifications, none.

(4432) E BAKER 76 S Valjejo E 48-5 1/2
m or 1 SE to pt 53-11 1/2 E Baker and
23 S from pt of beg W 53-11 1/2 N 23.
All work for three-story frame dwlg.

Owner.....Maud L. Joyce.
Architect...None.
Contractor..W. W. Rednall, 2500 Fil-
bert, San Francisco.

Filed Dec. 8, '13. Dated Dec. 8, '13.
Frame up\$1133
Brown coated 1140
Completed and accepted..... 1133
Usual 35 days..... 1140

TOTAL COST, \$4550
Bond, \$2275. Sureties, O. F. Sites and
Frank H. Ellis. Limit, 120 days. For-
feit, \$2. Plans and specifications filed.

(4433) N SUTTER 100 W Powell 37-6
x137-6. Reinforcing steel and Clinto-
n electrically welded fabric for 8-
story hotel building.

Owner.....M. D. Grosh, E. G. Larze-
lere and Louise M. Sage, 309
Mills Bldg., S. F.

Architect...N. W. Sexton, Chronicle
Bldg., San Francisco.

Contractor..L. A. Norris Co., Monad-
nock Bldg., S. F.

Filed Dec. 8, '13. Dated Sept. 23, '13.
On 10th of each month..... 25%

Usual 35 days..... 25%

TOTAL COST, \$11,500

Bond, none. Limit, Dec. 11, '13. For-
feit, \$25. Plans and specifications filed.

(4434) NOS. 2520-24 TWENTY-FIFTH.
Lower cottages.

Owner.....H. D. Meinert, 157 Tomaso,
San Francisco.

Architect...None.
Contractor..H. Pelltier.
COST, \$300

(4435) E NAPLES 50 N Munich. One-
story and basement frame dwelling.
Owner.....J. Knudsen, 157 Bon View
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1500

(4436) NO. 743 MARKET. Cut open-
ings in wall and construct gallery.
Owner.....Charles Bush, Premises.

Architect...None.
Contractor..G. M. Fulton Co., 301 Front
San Francisco.
COST, \$5000

(4437) N GREENWICH 37-6 W De-
visadero (rear). Two-story and
basement frame flats.

Owner.....Cesare Soracco, 2434 Green-
wich, San Francisco.
Architect...None.

Contractor..N. Cavaglia, 946 Green-
wich, San Francisco.
COST, \$3875

(4438) W TWENTY-ETH AVE 175 S
Lawton. One-story and basement
frame dwelling.

Owner.....Mrs. Camilla Ernst, 1777
Page, San Francisco.

Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Day's work. COST, \$2500

(4439) S WASHINGTON 65 W Front.
One-story concrete stores.

Owner.....A. Bianchi, 317 Washing-
ton, San Francisco.
Architect...Marcus M. Meherlin, 307
Scott, San Francisco.

Day's work. COST, \$3750

(4440) W EIGHTEENTH AVE 175, 150
and 200 S California. Three two-story
and basement frame flats.

Owner.....Mrs. Katherine Emhof.
Architect...G. L. Pfeoeger, 1017 Guer-
rero, San Francisco.

Contractor..Chas. J. U. Koenig, 520
Church, San Francisco.
COST, \$4600

(4441) NO. 900 GRANT AVE. Electric
sign.
Owner.....John Main, Premises.

Architect...None.
Contractor..Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$400

(4442) S QUESADA 206 1/2 E Lane.
One-story and basement frame dwlg.
Owner.....J. G. Exley, 1540 Thomas
Ave., San Francisco.

Architect...None.
Contractor..L. A. De Chaine, 93 Gates,
San Francisco.
COST, \$1900

(4443) E CULEBRA TERRACE 75 N Lombard. Two-story and basement frame residence.
Owner.....James Meares, 2311 Polk, San Francisco.
Architect...None.
Contractor...Western Union Home Bldrs., Inc., 1617 Telegraph Ave., Oakland.
COST, \$3000

(4444) NO. 2350 BROADWAY. Alter roof and general repairs.
Owner.....W. M. Fitzhugh, 2827 Bancroft Way, Berkeley.
Architect...Reid Bros., Cali-Pacific Bldg., San Francisco.
Day's work. COST, \$2000

(4445) E DOUGLASS 422 S 19th. One and one-half-story and basement frame residence.
Owner.....John F. Haner, 3579 19th, San Francisco.
Architect...None.
Contractor...E. A. Reynolds, 2 De Wolf, San Francisco.
COST, \$1950

(4446) NOS. 2722-2726-2730-2740 POLK Raise building, concrete foundation and underpin.
Owner.....D. J. O'Neil, 2740 Polk, San Francisco.
Architect...Paul F. De Martin, 451 Columbus Ave., S. F.
Contractor...N. A. Pearson, 2737 22nd, San Francisco.
COST, \$1100

(4447) N BUSH 171-10 1/2 W Hyde W 34-1/2 X N 137-6. Brick work for a three-story and basement Class "C" apartment building.
Owner.....Martin S. Show, 1235 Pine, San Francisco.
Architect...C. O. Clausen, Phelan Bldg., San Francisco.
Contractor...L. Gilbertsen and F. A. John, 2154 Hayes, S. F.
Filed Dec. 9, '13. Dated Dec. 6, '13.
Brick work up to 1st floor joists \$1250
Brick work up to 3d floor joists 1250
Completed and accepted..... 1250
Usual 35 days..... 13.
TOTAL COST, \$3400
Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications filed.

(4449) NO. 2121 FILLMORE. Carpenter work for store.
Owner.....Peter Demar.
Architect...None.
Contractor...Wm. Howard Moore, 112 Eureka, San Francisco.
Filed Dec. 9, '13. Dated Dec. 9, '13.
When carpenter labor amounts to \$25\$50
When carpenter work completed 75 30 days after..... 40
TOTAL COST, \$165
9. Forfeit, none. Plans and specifications, none.
Bond, none. Limit, 12 days after Dec.

(4449) NO. 532 GRANT AVE. Electric sign.
Owner.....Shanghai Low Restaurant Premises.
Architect...None.
Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$400

(4450) NE FOURTH AND JESSIE. Install entrance partition.

Owner.....F. Von Borstel, 4th and Townsend, San Francisco.
Architect...None.
Contractor...J. T. Meek Co., 1157 Mission, San Francisco.
COST, \$400

(4451) NO. 29 MONTGOMERY. Erect mezzanine floor and minor repairs.
Owner.....M. Selig.
Architect...None.
Contractor...Brunswick, Balke, Collier Co., 765 Mission, S. F.
COST, \$400

(4452) W STEINER 50 S Ellis. Excavate, concrete floors and brick underpinning.
Owner.....S. Beck & Co., 1308 Steiner San Francisco.
Architect...None.
Contractor...J. Collins, 531 Waller, S. F.
COST, \$500

(4453) E NOE 59 N 28th. One-story and basement frame dwelling.
Owner.....Peter Johnsen, 262 Anderson, San Francisco.
Architect...None.
Day's work. COST, \$500

(4454) NO. 29 STOCKTON. Electric sign.
Owner.....E. F. Fassman, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400

(4455) W BERLIN 197 S Wilde. One-story and basement frame dwelling.
Owner.....Kathryn Barn, 564 Mississippi, San Francisco.
Architect...None.
Contractor...S. V. Barn, 564 Mississippi, San Francisco.
COST, \$600

(4456) E ARGUELLO BLVD 784-1 N Geary S 26-6 E 120 N 21-35 NW 120-1 1/2 W A 647. All work for two-story frame flats.
Owner.....Isaiah B. Arkwright, 3931 California, San Francisco.
Architect...M. A. Schmidlin, 3115 Jackson, San Francisco.
Contractor...J. Johnson, 488 9th Ave., San Francisco.
Filed Dec. 10, '13. Dated Dec. 10, '13.
Rough frame up.....\$1225
Brown coated 1225
Accepted 1225
Usual 35 days..... 1225
TOTAL COST, \$4900
Bond, \$2450. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4457) EXPOSITION SITE. Furnishing, fabricating and erecting structural steel and cast iron work for main Entrance Tower.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., San Francisco.
Architect...Thomas Hastings.
Contractor...Dyer Bros. Golden West Iron Works, 17th & Kansas San Francisco.
Filed Dec. 10, '13. Dated Dec. 6, '13.
As work progresses..... 77
Usual 35 days..... 2
TOTAL COST, \$138,598
Bond, \$75,000. Surety, Globe Indemnity Co. Limit, 200 days. Forfeit, \$100. Plans and specifications filed.

(4458) E TWENTY-FIRST AVE 250 S Geary 25x120. All work for two-story and basement frame residence.
Owner.....George A. Ducker, 334 27th Ave., San Francisco.
Architect...Martin A. Schmidlin, 3115 Jackson, San Francisco.
Contractor...Wm. F. Yates, 335 21st Ave San Francisco.

Filed Dec. 10, '13. Dated Nov. 12, '13.
Ded to E 27th Ave 208 S California 25x120 to be delivered to contractor when building brown coated together with \$800 in cash
When completed\$1100
Usual 35 days..... 1100
TOTAL COST, above deed and \$3000
Bond, none. Limit, 50 days after Nov. 24. Forfeit, none. Plans and specifications filed.

(4459) NE PAGE AND GOUGH N 120x E 27-6. Grading, brick, concrete, structural steel, carpenter, plaster, painting, electrical, glazing, roofing, sheet metal, marble, tile and mill work for three-story and basement frame apartments.
Owner.....George F. Bernard, 3384 16th, San Francisco.
Architect...O'Brien & Werner, 68 Post, San Francisco.
Contractor...Jas. F. Conlan, 542 Guerrero, San Francisco.

Filed Dec. 10, '13. Dated Dec. 8, '13.
2nd floor joists in place.....\$2600
Frame up and roof on..... 2600
Brown coated 2600
Inside standing finish on..... 2600
Completed and accepted..... 2600
Usual 35 days..... 4475
TOTAL COST, \$17,475
Bond, \$8740. Sureties, Jas. G. Lennon and Wm. Tegeler. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

(4460) LOTS 13 AND 14 BLK 9 St. Francis Wood; beg at pt of intr of dividing line bet Lots 14 and 15 Blk 9 and E line San Fernando Way N 75 deg 19 min 59 sec E 100 S 32 3/3 S 80 deg 26 min 55 sec W 100 N 25, bearing pt Lot 15 Blk 9 St. Francis Wood
Plumbing for two-story and basement residence and garage.
Owner.....H. O. Harrison, Van Ness and Post, San Francisco.
Architect...Ward & Blohme, Alaska-Commercial Bldg., S. F.
Contractor...Theodore Wetzel Jr., 118 Jessie, San Francisco.

Filed Dec. 11, '13. Dated Dec. 2, '13.
Roughing in completed.....\$379.87
Completed and accepted..... 379.88
36 days after..... 253.25
TOTAL COST, \$1013.00
Bond, \$507. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(4461) N CLIPPER 80 E Castro. Alterations and additions to make a two-story frame flats.
Owner.....J. J. and Hannah O'Connell, 386 Clipper, S. F.
Architect...H. H. Bergfeld.
Contractor...Herman H. Bergfeld, 496 Utah, San Francisco.
Filed Dec. 11, '13. Dated Nov. 28, '13.
When up\$ 400
When completed 1800
TOTAL COST, \$2200
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(4462) EXPOSITION SITE. Construction and installation of storm water box drain westerly end of Race Tract and Drill Ground.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...Pringle-Dunn & Co., 338 Pine, San Francisco.

Filed Dec. 11, '13. Dated Dec. 6, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2975

Bond, \$2000. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(4463) SW FRANCIS AND MISSION. Two-story and basement frame store and flat.

Owner.....G. Ivani, 6 Marshall, S. F. Architect...Welsh & Carey, 712 Merchants National Bank, S. F.

Contractor...L. Cereghino & Son, 6 Marshall, San Francisco.
COST, \$6000

(4464) NO. 1624 TAYLOR (rear). Erect concrete wall.

Owner.....Mrs. Julien. Architect...Mr. Fabre, San Francisco

Contractor...The General Bldg Work Co., 712 Sansome, S. F.
COST, \$400

(4465) BEALE AND MARKET. Erect four board signs.

Owner.....Burbank Co., 16 Beale, San Francisco.

Architect...None.
Contractor...Karsten & Thomas, 15 Beale, San Francisco.
COST, \$400

(4466) NO. 15 ARGUELLO BL., W. Cement yard and bulkhead.

Owner.....John Lawson, 15 1st Ave., San Francisco.

Architect...None.
Contractor...Geo. Goodman & Co., 62 Post, San Francisco.
COST, \$500

(4467) NO. 219 O'FARRELL Electric sign.

Owner.....Chris's Restaurant, Prem. Architect...None.

Contractor...Brumfield Elec. Co., 18 7th San Francisco.
COST, \$400

(4468) NO. 839 CLAY. Erect marquise.

Owner.....Canton Mercantile Co. Architect...None.

Contractor...City Cornice Works, 3020 Broadway, San Francisco.
COST, \$400

(4469) NO. 208 POWELL. Erect balcony and cases.

Owner.....A. Gordon, 4 Mason, S. F. Architect...A. P. Herde, 46 Kearny, San Francisco.

Contractor...T. D. Gilmore, Federal Hotel, San Francisco.
COST, \$500

(4470) NE LYON AND VALLEJO. Three-story frame residence.

Owner.....Edith P. Bliss, 2758 Green, San Francisco.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Day's work. COST, \$10,000

(4471) S MISSION 125 E 22nd. Two-story frame market store.

Owner.....Sam and M. E. Spiro, 309 Market, San Francisco.

Architect...None.
Day's work. COST, \$9000

(4472) N LISBON 175 S Excelsior One and one-half-story end basement frame dwelling.

Owner.....Ward C. Brown, 2945 Harrison, San Francisco.

Architect...None.
Day's work. COST, \$1600

(4473) E EDINBURGH 225 N Excelsior. One-story and basement frame dwelling.

Owner.....Emil Nelson, 580 Jersey, San Francisco.

Architect...None.
Day's work. COST, \$1000

(4474) W SIXTEENTH 250 N Guerrero Concrete floor and walls, install ventilation and repair roof.

Owner.....National Ice Cream Co., 366 Guerrero, S. F.

Architect...None.
Day's work. COST, \$1500

(4475) W THIRTEENTH AVE 175 S Judah. One and one-half-story and basement frame residence.

Owner.....Emil Nelson, 580 Jersey, San Francisco.

Architect...None.
Day's work. COST, \$2000

(4476) W TWENTY-SEVENTH AVE 130 N Ulloa. Two-story and basement frame dwelling.

Owner.....Parkside Home Bldg. Co., 408 Crocker Bldg., S. F.

Architect...Jos. M. Geary, 23rd and Polson, San Francisco.

Day's work. COST, \$3000

(4477) N VALPARAISO 183 E Taylor E 23xN 40. All work except shades, gas fixtures and finish hardware for two-story frame flats.

Owner.....G. Ferari, Premises.

Architect...L. Traverso, 854 Union, San Francisco.

Contractor...G. Chlappe, 28 Vincent Pl., San Francisco.

Filed Dec. 12, '13. Dated Dec. 9, '13.

Enclosed and roof on.....\$525

Brown coated..... 525

Completed and accepted..... 525

Usual 35 days..... 525

TOTAL COST, \$2100

Bond, limit, forfeit, none. Plans and specifications, filed.

(4478) SW POST AND POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 th - 57 to beg. Metal furring, lathing, plastering and all work in old building where changes are made for addition to St. Francis Hotel.

Owner.....Crocker Hotel Company.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor...C. C. Morehouse, Sharon Bldg., San Francisco.

Filed Dec. 12, '13. Dated Dec. 10, '13.

On list of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$38,000

Bond, \$19,000. Surety, Equitable Surety Co. Limit, 63 days. Forfeit, \$25. Plans and specifications, filed.

(4479) W SECOND AVE 173-11½ S Cabrillo. Two-story and basement frame flats.

Owner.....F. E. Oldis and E. F. Dammick, 27 Parsons, S. F.

Architect...E. E. Young, 251 Kearny, San Francisco.

Contractor...Frank P. Lansing, 110 Jessie, San Francisco.
COST, \$5000

(4480) W SECOND AVE 144-11½ S Cabrillo. Two-story and basement frame flats.

Owner.....F. E. Oldis and E. F. Dammick, 27 Parsons, S. F.

Architect...E. E. Young, 251 Kearny, San Francisco.

Contractor...Frank P. Lansing, 110 Jessie, San Francisco.
COST, \$5000

(4481) E KANSAS 150 N Alameda. Two-story frame office.

Owner.....N. Ohlandt (National Ice Cold Storage Co.).

Architect...None.
Engineer...Chas. Wallace, National Ice & Cold Storage Co.
COST, \$2500

(4482) E DOLORES 55-9 N 15th. Three story and basement frame apartment flats.

Owner.....Adrienne E. and Nellie Thompson, 1876 15th, S. F.

Architect...None.
Day's work. COST, \$6000

(4483) E DOLORES 165-9 N 15th. Three story and basement frame apartment flats.

Owner.....Adrienne E. and Nellie Thompson, 1876 15th, S. F.

Architect...None.
Day's work. COST, \$6000

(4484) E DOLORES 100-9 N 15th. Three story and basement frame apartment flats.

Owner.....Adrienne E. and Nellie Thompson, 1876 15th, S. F.

Architect...None.
Day's work. COST, \$6000

(4485) NO. 10 KEARNY. Alter and enlarge window.

Owner.....E. C. Heller & Co., Prem.

Architect...None.
Contractor...The Fink Schindler Co., 226 13th, San Francisco.
Cost, \$1000

(4486) W FORTY-THIRD AVE 100 S Lincoln Way. One-story and basement frame dwelling.

Owner.....H. McL. Armistral, 1373 Clay, San Francisco.

Architect...None.
Day's work. COST, \$1400

(4487) E VIENNA 200 N Italy. One-story and basement frame dwelling.

Owner.....L. Barre, 30 Washburn, San Francisco.

Architect...None.
Contractor...John Pedeupe, 606 Walbridge, San Francisco.
COST, \$1000

(4488) NO. 34 ELLIS. Galvanized iron marquise.

Owner.....The Ellis, Inc., Premises.

Architect...None.
Contractor...Golden Rule Sheet Metal Works, 255 Jersey, S. F.
COST, \$400

(4189) E NINTH AVE 223 S Cabrillo.
Two-story and basement frame (2)
flats.
Owner.....J. Harold Johnson, 732 9th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1800

(4190) E TWENTY-FIFTH AVE 125
N Judah. Two-story and basement
frame residence.
Owner.....Charles Anderson, 762 Cole
San Francisco.
Architect...A. H. Peterson, Mills Bldg
San Francisco.
Day's work. COST, \$2700

(4191) W SIXTEENTH AVE 100
Fulton. Two-story and basement
frame residence.
Owner.....Helen E. McLane, 141 Sutter,
San Francisco.
Architect...None.
Contractor...Geo. Parker, 141 Sutter,
San Francisco.
COST, \$27

(4192) NO. 2026 PIERCE. Raise, add
to and alter frame building.
Owner.....Mrs. Freda Hewett, Prem
Architect...None.
Contractor...J. Mc L. Jarvis, 3641 24th,
San Francisco.
COST, \$2700

(4193) N MISSION 325 E Seventh.
Two-story and basement brick art
glass works.
Owner.....Mrs. Carrie Rea, 79 Post,
San Francisco.
Architect...Wm. Knowles, 1301 Hearst
Bldg., San Francisco.
Day's work. COST, \$8500
NOTE:—Job is started.

(4194) NO. 5515 CALIFORNIA. Two-
story and basement frame store and
flat.
Owner.....Mrs. Henrietta Arjo, Prem.
Architect...None.
Contractor...Western Union Home
Bldrs., Inc., 1617 Telegraph
Ave., Oakland.
COST, \$3000

(4195) SW UNION AND BATTERY.
Structural steel and cast iron work
for four-story Class "C" building.
Owner.....National Ice & Cold Storage
Company.
Engineer...Chas. Wallace.
Contractor...Vulcan Iron Works, Francisco
& Kearny, S. F.
Filed Dec. 13, '13. Dated Dec. 11, '13.
On arrival of each shipment of
material in San Francisco, \$34 per
net ton
On 1st and 15th of each month \$17
per net ton of all material erected
On completion and acceptance,
balance of what may remain of
75% of contract price.....\$5165
Usual 35 days, 25%.....
TOTAL COST, \$20,660
Bond, \$10,330. Surety, Equitable Surety
Co. Limit, as fast as required. For-
feit, \$20. Plans and specifications filed.

(4196) SW POST AND POWELL W
137-6 S 63-6 E 69-7 N 6-6 E 67-11 r a
57 to beg. Refrigerating and ice
making plant for St Francis Hotel.
Owner.....Crocker Hotel Company.
Architect...Bliss & Paville, Balboa
Bldg., San Francisco.
Contractor...Vulcan Iron Works, Francisco
& Kearny, S. F.
Filed Dec. 13, '13. Dated Dec. 11, '13.

On 1st and 15th of each month
as work progresses..... 75%
Usual 35 days, 25%.....\$3277.50
TOTAL COST, \$13,110
Bond, \$6555. Surety, Equitable Surety
Co. Limit, 90 days. Forfeit, \$25. Plans
and specifications filed.

COMPLETION NOTICES.

San Francisco.

Dec. 1, 1913—NW POST AND SCOTT
N 165 W 192-6 S 55 E 55 S 110 E
137-6. Mount Zion Hospital to City,
Street Imp Co, Jas B Clow & Sons,
Nov. 29; John G Sutton Co, Nov. 26; John
G Sutton Co.....Nov. 26, 1913
Dec. 1, 1913—S SUTTER 137-6 E
Larkin E 57-6 S 110-8 E 40 S 26-10
W 97-6 N 137-6. Winslow Anderson
to Wm Schaffer.....Oct. 30, 1913
Dec. 1, 1913—E TWENTIETH AVE
275 N Clement N 25xE 120. Charles
A and Anna E Newcomb to Charles
R Hawcroft.....Nov. 24, 1913
Dec. 1, 1913—N GREENWICH 137-6
E Jones E 22-10x 137-6. Giovanni
Battista Torre to Norio Cavaglia.....
Nov. 26, 1913
Dec. 1, 1913—N LOMBARD 82-6 E
Jones E 27xN 100. E Boschetti to
G Chiappe.....Nov. 29, 1913
Dec. 1, 1913—SW SECOND 100 NW
Townsend NW 50xSW 160. Moore
Inv Co to Butte Eng & Elec. Co.....
Nov. 22, 1913
Dec. 1, 1913—SE VAN NESS AND
Pacific Aves S 102-84xE 100. M
Krotoszyner to T W McClellan &
Co.....Nov. 28, 1913
Dec. 1, 1913—S TWENTY-SECOND 67
E Shotwell E 29-3xS 95. J P
Mirassout to Gustave Anderson.....
Nov. 19, 1913
Dec. 2, 1913—S POST 162-6 W Frank-
lin W 75xS 137-6. George W Frank
(as Frank Printing Co) to Barrett
& Hilt.....Nov. 28, 1913
Dec. 2, 1913—W NINETEENTH AVE
356 N Cabrillo 31-6x120. Jeanette
Yates to whom it may concern.....
Nov. 29, 1913
Dec. 2, 1913—E TWENTY-FIRST AVE
79 S Lake 25x82-6. Jeanette Yates
to whom it may concern.....
Nov. 29, 1913
Dec. 2, 1913—S TWENTY-SECOND
90 E Valencia S 55xE 35. Howse
Bros, Inc to J M Ploeger.....Dec. 2, 1913
Dec. 2, 1913—LOT 9 BLK 11 St. Francis
Wood. Westgate Park Co to
O C Holt.....Nov. 19, 1913
Dec. 2, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Geo Haub
.....Nov. 20, 1913
Dec. 2, 1913—E THIRTEENTH AVE
100 N Kirkham N 25xE 120. Jno
Bjorkman and Oscar Swanson to
whom it may concern.....Dec. 1, 1913
Dec. 3, 1913—S SUTTER 164-6 E Taylor
E 60-9xS 137-6. Trowbridge &
Perkins to H Maundrell, Nov 26, '13
Larsen & Larsen.....Nov. 26, 1913
Dec. 3, 1913—NW SCOTT AND POST
N 165 W 192-6 S 55 E 55 S 110 E
137-6. Mount Zion Hospital to
Atlas Heating & Ventilating Co.....
Nov. 26, 1913
Dec. 3, 1913—E POTRERO AVE 150
N 25th N 25xE 100. Theodore E
Stelner to Jacob F Nielsen, Dec. 1, 13
Dec. 3, 1913—E HYDE 68-9 S Filbert
S 25-10xE 68-9. Henry C Pausmann
to Paul De Martini.....Dec. 2, 1913

Dec. 3, 1913—S CALIFORNIA 87-6 W
Davis W 50xS 137-6. John A Grenan
to J H Hjul.....Completed
Dec. 3, 1913—NE WASHINGTON &
Octavia W 137-6 N 127-84 W 127-6
S 127-84. A B Spreckels to Ver-
mont Marble Co.....Nov. 28, 1913
Dec. 3, 1913—E MASON 137-6 N O'Far-
rell N 32-6 E 17-6 S 50-104 W 60
—77-6. Wm F Wilson Estate to I
Kissel.....Nov. 29, 1913
Dec. 3, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 50-104
W 60 —77-6. Wm F Wilson Estate
to Central Elec Co.....Dec. 3, 1913
Dec. 3, 1913—NW JACKSON AND
Drum N 20xW 60. Thos W
Butcher to Harry Maundrell.....
Dec. 2, 1913
Dec. 3, 1913—S SUTTER 164-6 E
Taylor E 60-9xS 137-6. W F
Perkins and H O Trowbridge to
John G Sutton.....Nov. 29, 1913
Dec. 4, 1913—N NINETEENTH 185 W
Church W 25xN 114. Mary T Ren-
ault to Bell & Rosstow.....Nov. 19, 1913
Dec. 4, 1913—W BUCHANAN 112-6 S
Waller 25x117. Mary J McLeod to
J J Heaphy.....Dec. 1, 1913
Dec. 4, 1913—NW GEARY AND VAN
Ness Ave N 275xW 137-6. Van Ness
Realty Co to Pacific Floor Sanding
Co.....Nov. 20, 1913
Dec. 4, 1913—E STOCKTON 50 S
Sutter E 80xS 40-84. Sierra Inv
Co to Gus N Daniels.....Dec. 4, 1913
Dec. 4, 1913—N VALLEJO 81-3 W
Octavia W 27xN 125. John V Leon-
ard and Celia S Leonard to whom
it may concern.....Dec. 4, 1913
Dec. 4, 1913—NE EIGHTEENTH AND
Guerrero N 27xE 32. Eisenbach Co
to A Dahlberg.....Dec. 3, 1913
Dec. 4, 1913—N HOWARD 375 E 5th
N 80 W 100 N 80 E 125 S 160 W 25.
Boyd Inv Co to Brandon & Lawson
.....Dec. 3, 1913
Dec. 5, 1913—SW TWENTIETH AVE
and Lake W 43-6xS 104. J W
Leavitt to Thos Elam & Son.....
Dec. 5, 1913
Dec. 5, 1913—N OTSEGO AVE 200 S
Santa Ysabel Ave S 25xW 125. A
Wesendunk to whom it may concern
.....Dec. 5, 1913
Dec. 5, 1913—S ROSE AVE 110 E
Gough E 27-6 S to NW Market SW
to a pt caused by intersection of a
line at ra to Rose Ave at pt of beg
with NW Market N to S. Rose
Bruce Cornwall to Gus V Daniels,
Nov. 28; Frank M Garden & Frank
B Peake, co-partners.....Nov. 28, 1913
Dec. 5, 1913—E COMMONWEALTH
Ave 200 S California S 33-4xE 120.
William H Cobb to J C Warner &
Sons.....Dec. 3, 1913
Dec. 6, 1913—W NINTH AVE 150 S
Cabrillo S 50xW 120. Chas A Rush-
ton to whom it may concern.....
Dec. 4, 1913
Dec. 6, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 50-104
W 60 —77-6. Wm F Wilson Est-
to C J Hillier & Co.....Dec. 6, 1913
Dec. 6, 1913—N WASHINGTON 148-9
W Presidio Ave W 32xN 127-84.
Mrs Andrew A Jacobs to H W
Arnold.....Dec. 6, 1913
Dec. 6, 1913—SE MINNA 66 SW Russ
SW 25x75. Norman A Elsnor to
John Hayes.....Dec. 5, 1913
Dec. 6, 1913—E MASON 137-6 N
Dec. 8, 1913—W TWENTY-SIXTH
Ave 100 N 26th Ave N 25 W 120 S 25
E 120. Jacob H Thorup to whom it
may concern.....Dec. 6, 1913

Dec. 8, 1913—SW EIGHTEENTH AND Lexington Ave W 30x85. E Prat to Louis Metter.....Dec. 6, 1913
Dec. 8, 1913—NW CEDAR AVE AND Octavia N 22xW 77-6. Luigi Solari to R Fahy.....Dec. 6, 1913
Dec. 8, 1913—E JORDAN AVE 132-3½ S California S 33-4x E 120. Rearden T Lyons to L C Wooldridge Dec. 3, '13
Dec. 8, 1913—SE HOWARD 100 SW 8th SE parallel with 8th 160-11 NW 50 SW 34 NW 25 SW 55 NW 85 — 100. Richard I Whelan to Henry Jacks.....Dec. 6, 1913
Dec. 8, 1913—NW TEHAMA 111 SW 8th NW 50xSW 34. Richard I Whelan to Henry Jacks.....Dec. 6, 1913
Dec. 8, 1913—W STOCKTON 75 A Washington N 67-6xW 105. The A P Giannini Co to Frank Rolandi.....Dec. 6, 1913
Dec. 8, 1913—N ELLIS 137-6 E Leavenworth E 40 N 120 W 20 S 60 W 20 S 60. Frank J Klamm to N P Anderson.....Dec. 5, 1913
Dec. 8, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10½ W 60 — 77-6. Wm F Wilson Estate to Klernan & O'Brien.....Dec. 5, 1913
Dec. 8, 1913—E PATTON 150 N Highland (Plymouth) Ave E 100 N 19 m or 1 W 108-3 S 26 ptn Lots 5-43 Blk 2, Holly Park. Mercy J & Chas E Hills to Jacob Witzelsberger.....Dec. 8, 1913
Dec. 8, 1913—FILLMORE NO. 537, bet Oak and Fell. Margaret Hannon Thorne to Ellingson & Holt.....Dec. 8, 1913
Dec. 8, 1913—LOT 14 BLK 4, Crocker Amazon Tract. Arthur G Duncan to L L Allen.....Dec. 8, 1913
Dec. 8, 1913—SW OAK AND DEVIADERO S 56xW 90. Richey Riddell to W H Bagee.....Dec. 8, 1913
Dec. 9, 1913—N GEARY 112-6 W Jones W 25xN 137-6. Florentina and Wm Wankowski to Mutual Constr Co.....Dec. 1, 1913
Dec. 9, 1913—W TWENTY-SIXTH Ave 100 N California N 25xW 120. Jacob H Thorup to whom it may concern.....Dec. 6, 1913
Dec. 9, 1913—S IRVING 95 E 9th Ave E 25xS 100. Henri Leste to Jacques Narberbury.....Dec. 8, 1913
Dec. 9, 1913—SE BATTERY AND Halleck S 34-6x E 77-6. Isaac Kohn to J J Connolly & Son.....Dec. 8, 1913
Dec. 9, 1913—NE GOLDEN GATE Ave and Hyde N 92-9 E 82-6 S 24 W 48 S 69-9 W 34-6. James H Garrett to F L Hansen.....Dec. 4, 1913
Dec. 9, 1913—E POWELL 37-6 N Jackson N 40x E 57-6. J A Mackenzie to H J Perazzi.....Dec. 6, 1913
Dec. 10, 1913—S UNION 55 E Taylor E 27-6xS 100. Matteo Brocato & Bros to Frank C Amoroso.....Dec. 9, 1913
Dec. 10, 1913—SE BATTERY AND Halleck S 34-6x E 77-6. Isaac Kohn to H L Petersen (as The S F Artificial Stone Paving Co).....Dec. 9, 1913
Dec. 10, 1913—SW EAST & OREGON (if extended) W 74 m or 1 N 30 m or 1 E 53-4 m. or 1 E 37 m or 1 ptn Blk "E" of 50 vara. Waterfront Realty Co to Z Narberbury.....Dec. 10, 1913
Dec. 10, 1913—LOT 12 BLK "A" Mission Terrace. Raymond H Banning and Ernest Leo Garcia and James E Stewart to whom it may concern.....Dec. 5, 1913
Dec. 10, 1913—E NINTH AVE 25 S

Ortega S 75x E 95. Guerrero Realty Co to Emil Nelson.....Dec. 10, 1913
Dec. 10, 1913—E CASTRO 35 S 19th S 25x E 83. Benedict & Theresia Steinauer to John Carlson & Edwin Anderson.....Dec. 9, 1913
Dec. 11, 1913—E FIFTH AVE 300 N Geary N 25x E 120. Manuel C and Clara E Garcia to W E Grant.....Dec. 11, 1913
Dec. 11, 1913—PINE NO. 1617. M A Moldenhauer to Chas Wright.....Dec. 11, 1913
Dec. 11, 1913—W SCOTT 97-5½ S Sacramento S 30xW 112-6. Henry A Jacobs to Peterson-James Co. Dec 10; J W Cobby.....Dec. 11, 1913
Dec. 12, 1913—W UTAH 91-6 N 15th N 46xW 100. Tamm & Nolan Co to Stanquist & Forbes.....Dec. 9, 1913
Dec. 12, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Healy Tibbitts Constr Co, Oct 6; The Turner Co Dec. 11, 1913
Dec. 12, 1913—S ROSE AVE 170 E Gough E 27-6 S to NW Market SW to a pt caused by intersection of a line drawn at r a to Rose Ave at a pt of beg with NW Market N to S Rose Ave and pt of beg. Bruce Cornwall to H A Chalmers, Dec 11; Otis Elevator Co.....Dec. 10, 1913
Dec. 12, 1913—COM 165 W TAYLOR and 60 S Pacific S 77-6 W 110 N 30 W 5-6 N 47-6 E 115-6. Theodore Gibson to whom it may concern.....Dec. 11, 1913
Dec. 12, 1913—LOT 10 BLK "X" of Park Lane Tract No. 3. David and Lucy Caen to Jacob F Nielsen.....Dec. 4, 1913
Dec. 12, 1913—W KEARNY 97-6 N Union N 37-6xW 60. Paolo and Giuseppe Tufo to F C Amoroso.....Dec. 11, 1913
Dec. 12, 1913—SE MARKET 43 SW Noe SW 62-2x S 85-4½ E 80 N 42-9½ W 32-8 N 86-0½. Wm and Elias Nasser to Higginson Co.....Dec. 10, 1913

LIENS FILED

San Francisco.

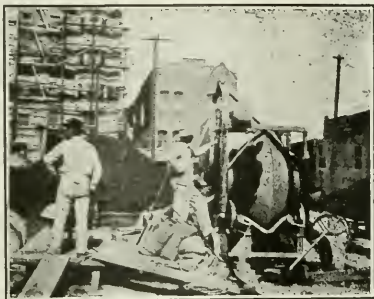
Dec. 1, 1913—E FORTY-SEVENTH Ave 260 S Balboa S 100x E 120. J H Kruse vs E B Hallett.....\$327.10
Nov. 29, 1913—S BRUCE 50 E Harold Ave. The Greater City Lumber Co vs Joseph Brayshaw.....\$1513.25
Dec. 2, 1913—S DUNCAN 180 W Castro W 25xS 114. Spring Valley Lumber Yard vs Theodore and Dora Werner.....\$111.26
Dec. 2, 1913—NO. 131 ROTTECK N In 289 E Rosworth. The Greater City Lumber Co vs August Hormay.....\$648.05
Dec. 2, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E 75. Frederick Rogers.....\$56.25
Geo H Standish.....\$60.50; N Rhine.....\$33.75 vs S A Haas.....
Dec. 3, 1913—E TWENTY-NINTH Ave 225 N Anza N 25x E 120. H O Bowen vs J B Levy and Miss F Levy and James Tarbett and Fred Knott.....\$129
Dec. 3, 1913—N TWENTY-EIGHTH 292 W Noe W 25xN 114. William Myers vs Charles Anderson.....\$110
Dec. 3, 1913—E HOLLIS 75 S O'Farrell S 25x E 90. David Gibbs vs J A Bergerot and Peter Hansen.....\$243.55
Dec. 4, 1913—W JONES 43 N O'Farrell N 50xW 137-6. Durable Paint & Color Co, Inc vs S A Haas and

R W Rogers.....\$139.90
Dec. 4, 1913—SE PINE AND POWELL B C Van Emon vs J Bohlig or J H Bohlig.....\$375
Dec. 5, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E 75. Pacific Hardware & Steel Co vs S A Haas, J Steur, W L Bury and L Helper.....\$84.45
Dec. 5, 1913—NE BUSH AND GRANT Ave E 60xN 77-6. Pacific Hardware & Steel Co vs Louis Friedman Wm Van Herick and L Helper.....\$136.60
Dec. 5, 1913—NW BALBOA AND LA Playa W 229-1¼ N along curve line of Great Highway 630 to S Anza E 280 S 210 E 168-4¼ S 381-5 A Savage.....\$495
Dec. 5, 1913—E SAN BRUNO AVE 200 N 22nd N 25x E 100. Niels Jacobsen vs John Harang and W P Montague Co vs Hoteling Estate Co and Commercial Bldg Co.....\$75
Dec. 4, 1913—NE BUSH & GRANT Ave E 60xN 77-6. The Daniel O'Day Co vs Louis Friedman and Leopold and C Mollath.....\$86.10
Dec. 6, 1913—W FILLMORE 40 S Chestnut S 50xW 80. Pacific Portland Cement Co Consolidated vs Johanna Hession and California Sheet Monolithic Co.....\$194.91
Dec. 8, 1913—NW VAN NESS AVE & Post N 120xW 159-9. Lindgren Co vs Hecht Invest Co.....\$4047.26
Dec. 8, 1913—W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E 5 S 22 E 75. J H Kruse vs S A Haas, J Steur and W L Bury, \$291.42; J S Guerlin vs Sime and R De Luca, Same.....\$11
Dec. 8, 1913—E TWENTY-NINTH Ave 225 N Anza N 25x E 120. Eureka Sash, Door & Moulding Mills vs J B Levy, Fannie Levy and James Tarbett and Fred Knott (Tarbett & Knott).....\$345.08
Dec. 8, 1913—NE BUSH AND GRANT Ave E 60xN 77-6. Frank Ingigueri vs Louis Friedman and Leopold Mollath and C Mollath.....\$165
Dec. 9, 1913—SE POWELL & PINE E 69-6xS 60. L A Hufschmidt Mfg Co vs John H Bohlig and Geo H Stoffels.....\$202.50
Dec. 10, 1913—W LELAND AVE 400 W San Bruno Road W 25xN 100. Redwood Mfgs Co vs Eli Radmonovich.....\$141.21
Dec. 10, 1913—E TWENTY-NINTH Ave 225 N Anza N 25x E 120. F G Norman & Sons vs J B and Fannie Levy, Jas Tarbett & Fred Knott.....\$50.53
Dec. 11, 1913—SE PINE & POWELL E 68-6xS 60. Ideal Cornice Co vs John H Bohlig and G H Stoffels.....\$21

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, P. A. Denmore. The dwelling will be erected in Piedmont and has been designed for an eight room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of the tile and brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement

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plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$6,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Frederick A. Allardt. The dwelling will be erected in the Crocker Highlands Tract and has been designed for an eight room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer in the living and dining rooms. Oak floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. A garage will be erected on the lot. Exterior of both house and garage will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$6,000. Alameda, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, W. P. Edwards. The dwelling will be erected on Waterside Terrace and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine, white enamel and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Tile wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base,

frame, \$4,000. Oakland, Cal. Architect, none. Owners, Barry Building Co., 2527 Market street, Oakland. The dwelling has been designed for a seven room house and will be erected on Linden avenue south of Ashby. Interior finish will be of pine and hardwood. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Oak floors will be used in the principal rooms. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster with a brick base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. Cleveland Baker. The dwelling has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of brick. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$3,900. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, F. R. Jordan, Security Bank Bldg., Oakland. The dwelling will be erected at the southwest corner of Cottage and Warfield avenues and has been designed for a seven room

house. Interior finish will be of pine and redwood with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Oak floors will be used in the living room, dining room and reception hall. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOWS — 2 1-story and base, frame, \$2,500 each. Piedmont, Alameda Co., Cal. Architect, none. Owner, Joseph T. Collin, 825 57th street, Oakland. These houses have been designed for six room bungalows and will be erected on Ricardo avenue. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be large open fire places in the living rooms and brick or tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE — 5 story and base, Class C construction, \$80,000. Berkeley, Alameda Co., Cal. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owner, J. A. Elston. The building, which will be one of the largest apartment houses yet erected in Berkeley, will occupy a site on Telegraph avenue at the intersection of Durant avenue. There will be several stores on the first floor besides the main entrance and lobby. Upper floors will contain a large number of two and three room suites equipped with all modern conveniences. Interior finish will be of pine throughout. Oak floors will be used in the living rooms and corridors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. There will be patent store fronts. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

FIRE HOUSE — 2 story and base, reinforced concrete, \$25,000. Berkeley, Alameda Co., Cal. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. Plans have been completed for a modern fire house which is to be erected on Durant avenue east of Shattuck. The building will contain apparatus rooms, office and store rooms on the first floor. Upper floor will be arranged for living quarters for the men, a general assembly room and reading and card room. Plans provide for steam heat, an oil burning system, special plumbing, vacuum cleaning and a hot water supply. Interior finish will be of pine and hardwoods. Wall beds will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened on December 23rd.

GARAGE AND SALES ROOMS — 1 story and base, reinforced concrete, \$35,000. Oakland, Cal. Architects, Willis Polk and Co., Merchants' Exchange Bldg., S. F. Owner, Cuyler Lee. This building, which has been mentioned here before, has been increased in size since the original plans were prepared. These drawings provided for but one story and since new plans

have been prepared for a four story structure. Construction will be practically fireproof. The design is in the classic style. Exterior will be faced with cement plaster. Interior of the front portion of the building will be finished in hardwoods, tile and marble. There will be patent store fronts and plate glass windows. The building is to be erected at the corner of 21th and Broadway. Bids are now being taken.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
3517	McNroe	Monroe	2000
3518	Rountree	Rountree	2000
3519	Reanley	Wells	5000
3520	Sprattly	Sprattly	1500
3521	Bull	Carson	7500
3522	Fish	Sheridan	500
3523	Mayer	Brasch	2500
3524	Reavley	Wells	8000
3525	Ericson	Rose	500
3526	Bell	Stewart	2200
3527	Settles	Settles	2000
3528	McDonald	Cooley	500
3529	Robenson	Rogers	7500
3531	Bruguiere	Franze	3118
3532	W'n Pacific	Layne	2000
3533	Lichtig	Burritt	2960
3538	Benzline	Componenosi	500
3542	Hargrave	Silva	4000
3546	Pague	Anderson	400
3547	Malley	Malley	1000
3548	Pfrang	Pfrang	2500
3549	Pfrang	Pfrang	2500
3551	Kroeger	Bay Bldg	2750
3552	Beamer	Whalen	2600
3554	Collin	Collin	2500
3555	Collin	Collin	2500
3556	Rosseter	Thornally	4650
3558	Whalen	Whalen	2500
3559	Sydes	Sydes	1000
3560	Alison	Minner	2475
3561	Laing	Laing	1600
3562	McArthur	McArthur	2000

(3517) N ROSE 175 E Howell, Oakland. One-story 5-room dwelling. Owner.....J. W. Monroe, 690 61st, Oakland. Architect...None. Day's work. COST, \$2000

(3518) N YGNACIO 50 W Trask, Oakland. One-story 5-room dwlg. Owner.....Jas. Rountree, Premises. Architect...None. Day's work. COST, \$2004

(3519) NO. 422 E-FOURTEENTH, Oakland. Two-story 16-room apartments. Owner.....G. S. Reanley, Premises. Architect...None. Contractor..W. B. Wells, 2781 Telegraph Ave., Oakland. COST, \$5000

(3520) S EDGERLY 200 W 37th Ave., Oakland. One-story 5-room dwlg. Owner.....J. R. Surattly, 5631 Edgerly Oakland. Architect...None. Day's work. COST, \$1500

(3521) W FILBERT 115 S 12th, Oakland. Two-story 17-room flats. Owner.....A. C. Bull, 1320 Union, Oakland. Architect...None. Contractor..John Carson, 49 Bacon Bldg., Oakland. COST, \$7500

(3522) E THIRTY-FIFTH 200 N E-11th, Oakland. Addition. Owner.....W. F. Fish, 1414 35th Ave., Oakland. Architect...None. Contractor..K. M. Sheridan, 1020 Broadway, Oakland. COST, \$500

(3523) SE MANILA AVE & CLIFTON, Oakland. One-story 5-room dwlg. Owner.....Philip Mayer, 5836 Ocean View Drive, Oakland. Architect...None. Contractor..M. P. Brasch, 5836 Ocean View Drive, Oakland. COST, \$2500

(3524) REAR NO. 422 E-FOURTEENTH NE E-14th 100 SE 4th Ave SE 40 NE 125, Oakland. Add two-story (6) apartments. Owner.....John S. and Mary Belle Reavley, Oakland. Architect...None. Contractor..W. B. Wells, Oakland. Filed Dec. 5, '13. Dated Dec. 5, '13.

Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications, none.

(3525) NO. 526 FIFTY-SECOND, Oakland. Additions. Owner.....Edwin J. Ericson, Okd. Architect...None. Contractor..A. H. Rose & Co., 545 17th, Oakland. COST, \$500

(3526) W THIRTY-NINTH 535 V Market, Oakland. One-story 3-room dwelling. Owner.....Glenn R. Bell, 616 41st, Oakland. Architect...None. Contractor..B. A. Stewart, 616 41st, Oakland. COST, \$2200

(3527) N WALNUT 80 E Renwick, Oakland. One-story 6-room dwlg. Owner.....J. E. Settles, 1544 Broadway, Oakland. Architect...None. Day's work. COST, \$2000

(3529) E BROWN 245 N Wisconsin Oakland. Two one-story 3-room dwellings. Owner.....L. McDonald. Architect...None. Contractor..O. C. Cooley. COST, \$500

(3530) SW COTTAGE & WARFIELD Ave., Oakland. Two-story 7-room dwelling. Owner.....F. R. Jordan, Security Bk. Bldg., Oakland. Architect...A. A. W. Smith, 1010 Broadway, Oakland. Day's work. COST, \$3300

(3531) NW TWELFTH AND GROVE 50x112, Oakland. Heating for six-story & basement steel frame apartment house. Owner....The Bruguiere Co., 133 Geary San Francisco. Architect...Chas. W. McCall, Central Bank Bldg., Oakland. Contractor..L. D. Frazee, 3230 Courtland Ave., Oakland. Filed Dec. 9, '13. Dated Dec. 4, '13. Roughed in\$79
Completed and accepted.....1558
Usual 35 days.....260
TOTAL COST, \$2318
Bond, \$1559. Surety, Chicago Bonding and Insurance Co. Limit, none. Forfeit, none. Plans and specifications filed.

(3532) OAKLAND SITE PROPERTY, Oakland. All work for boring well. Owner.....Western Pacific Railway Co., Mills Bldg., S. F. Architect...None. Contractor..The Layne & Bowler Corporation, Los Angeles.

Filed Dec. 9, '13. Dated Dec. 4, '13. Completed and accepted..... 75%
30 days after..... 25%
\$2.00 per hour for drilling through rocks \$1 a day board for each man; \$175 for pump and pit; \$1 ft. for Layne screen used oved estimate; \$3 per ft. for test holes; \$5.50 per lin. ft. Bond, \$2500. Surety, Aetna Accident & Liability Co. Limit, none. Forfeit, none. Plans and specifications, none.

(3533) S RAMONA AVE 165 SW Bonita Ave SW 50 SE 47.50 SE 55.55 NW 66.895, Piedmont. All work for two-story and basement dwelling. Owner.....Mrs. Bess L. Lichtig, OKd. Architect...None. Contractor..Oscar L. Burritt, 427 63rd, Oakland. Filed Dec. 9, '13. Dated Dec. 9, '13.

Frame up 1/4
Plaster coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3960
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(3534) E UNION 200 S 30th, Oakland. Two-story 2-room barn. Owner.....G. Benzline. Architect...None. Contractor..E. Camponenosi. COST, \$500

(3542) S FORTIETH 127 W Howe, Oakland. Two-story 10-room apartments. Owner.....Arthur Hargrave, 1527 Broadway, Oakland. Architect...None. Contractor..J. P. Silva, 1732 7th, Bkly. COST, \$1000

(3546) NO. 389 ADAM, Oakland. Alter and repair. Owner.....Dr. F. C. Pague, Premises. Architect...None. Contractor..Jno. Anderson, 1422 Broadway, Oakland. COST, \$400

(3547) E WEST 56 N 41st, Oakland. One-story 3-room dwelling. Owner.....F. T. Malley, 301 Grove, Oakland. Architect...None. Contractor..H. Malley, 3001 Grove, Oakland. COST, \$1800

(3548) E DOVER 42 N Alleen, Oakland. One-story 5-room dwlg. Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland. Architect...None. Day's work. COST, \$2500

(3549) E DOVER 2 N Alleen, Oakland. One-story 5-room dwelling. Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland. Architect...None. Day's work. COST, \$2500

(3554) W CLAREMONT AVE 10 S 60th, Oakland. All work for two-story five-room dwelling. Owner.....Henry and Mary Kroeger, 361 60th, Oakland

Architect...Al. J. Mazurette, Bacon Bldg., Oakland.
 Contractor...Bay, Cities Bldg & Realty Company, Oakland.
 Filed Dec. 11, '13. Dated Sept. 29, '13.
 Frame up\$1600
 Rough plaster 385
 Completed
 Usual 35 days..... 380
TOTAL COST, \$2750

Bond, none. Limit, 60 days after Sept. tions, none.

29. Forfeit, none. Plans and specifica-

(3552) NW ALCATRAZ AVE & DANA
 Oakland. Two-story 5-room dwlg.
 Owner.....J. H. Beamer, 2414 Prince,
 Oakland.
 Architect...None.
 Contractor...Alex C. Wieben, 2010 35th
 Ave., Oakland.
COST, \$2600

(3554) RICARDO AVE 72 E El Cerrito,
 Piedmont. Six-room dwelling.
 Owner.....Joe T. Collin, 825 57th, Okd.
 Architect...None.
 Day's work. **COST, \$2500**

(3555) RICARDO AVE — E El Cerrito
 Piedmont. Six-room dwelling.
 Owner.....Joe T. Collin, 825 57th, Okd
 Architect...None.
 Day's work. **COST, \$2500**

(3556) NW TWENTY-EIGHTH AVE
 98 NE E-16th NE 50 NW 173.27 SW
 50 SE 173.27, Oakland. All work for
 two-story frame building.
 Owner.....E. S. & Minerva C. Rosseter
 1619 28th Ave., Oakland.
 Architect...None.
 Contractor...W. G. Thornally, Oakland.
 Filed Dec. 12, '13. Dated Dec. 10, '13.
 Frame up\$1162
 Rough plaster 1162
 Completed and accepted..... 1162
 Usual 35 days..... 1164
TOTAL COST, \$

Bond, none. Limit, 90 days after Dec.
 12. Forfeit, none. Plans and specifica-
 tions, none.

(3558) S NINETEENTH 100 E Union,
 Oakland. One-story 5-room dwelling.
 Owner.....J. P. Whalen, 1542 Broad-
 way, Oakland.
 Architect...None.
 Day's work. **COST, \$2500**

(3559) N BOULEVARD AVE 130 E
 Rosedale Ave., Oakland. One-story 4-
 room dwelling.
 Owner.....E. C. Sydes, 1807 Rosedale
 Ave., Oakland.
 Architect...None.
 Day's work. **COST, \$1000**

(3560) E TELEGRAPH AVE 60 N 66th
 Oakland. One-story 6-room dwelling.
 Owner.....C. H. Allison, 34 Brookside,
 Berkeley.
 Architect...None.
 Contractor...J. W. Minner, 498 50th, Okd
COST, \$2475

(3561) SE FORTY-FIFTH AND MEL-
 rose Ave., Oakland. One-story 5-room
 dwelling.
 Owner.....J. A. Laing, 4506 Melrose
 Ave., Oakland.
 Architect...None.
 Day's work. **COST, \$1600**

(3562) SE FIFTIETH & SHAFER
 Ave., Oakland. One-story five-room
 dwelling.

Owner.....Margaret McArthur, 392
 51st, Oakland.
 Architect...None.
 Contractor...Chas. McArthur, 392 51st,
 Oakland. **COST, \$2000**

Building Contracts Awarded Berkeley.

3514 Barry	Barry	4000
3515 Davis	Davis	450
3516 Whiting	Whiting	2000
3530 Jordan	Jordan	3800
3537 Younger	Buskirk	400
3539 Guerrelro	Cardaze	1800
3540 Fleming	Kennedy	450
3541 Boothby	Weitzel	1800
3543 Splitter	Splitter	1800
3544 Same	Same	1800
3545 Lea	Lea	400
3550 Cony	Livingston	4500
3553 Wilson	Wilson	1000
3557 Lyons	Kollmer	2500

(Correction in Location)

(3511) E HILLCREST ROAD 120 N
 Euclalyptus, Berkeley. Two-story 12
 room dwelling.

Owner.....J. C. Bowman,
 Architect...John Bauer, Clunie Bldg.,
 San Francisco.

Contractor...Bay City Bldg. Co., Mo-
 nadnock Bldg., S. F.
COST, \$7880

(3514) W LINDEN AVE 87½ S Ashby
 Ave., Berkeley. Two-story 6-room
 dwelling.

Owner.....Barry Bldg. Co., 2527 Mar-
 ket, Berkeley.
 Architect...None.
 Day's work. **COST, \$4000**

(3515) W GROVE 50 S Alston, Ber-
 keley. Addition.
 Owner.....Mrs. F. E. Davis, 2206
 Grove, Berkeley.
 Architect...None.
 Contractor...F. E. Davis, 2206 Grove,
 Berkeley.
COST, \$450

(3516) W JEFFERSON 32 S Alston
 Way, Berkeley. One and one-half-
 story 5-room dwelling.
 Owner.....Homer Whiting, 3069
 Bateman, Berkeley.
 Architect...None.
 Day's work. **COST, \$2000**

(3529) N HASKELL 170 W Mable,
 Berkeley. One-story 5-room dwlg.
 Owner.....A. R. Robenson, 1145
 Haskell, Berkeley.
 Architect...None.
 Contractor...Chas. Rogers, 330 49th,
 Oakland. **COST, \$1500**

(3537) E ETNA 150 S Dwight Way,
 Berkeley. Alterations.
 Owner.....Mrs. Younger, 2519 Etna,
 Berkeley.
 Architect...None.
 Contractor...J. W. Buskirk, 2432 Hil-
 gard Ave., Berkeley.
COST, \$100

(3539) SW EIGHTY-THIRD AVE &
 Olive Ave., Berkeley. One-story six-
 room dwelling.
 Owner.....A. Gerrelro, 2001 83rd Ave.,
 Berkeley.
 Architect...None.
 Contractor...J. S. Cardazo, 2001 83rd
 Ave., Berkeley.
COST, \$1800

(3540) NO. 423 THIRTEENTH, Ber-
 keley. Alterations.

Owner.....Ed Fleming, Premises.
 Architect...None.
 Contractor...F. T. Kennedy, 954 Rose
 Ave., Berkeley.
COST, \$150

(3541) E EDITH 60 N Sincon, Ber-
 keley. One-story 5-room dwelling.
 Owner.....Sarah E. Boothby, 2109
 Carlton, Berkeley.
 Architect...None.
 Contractor...Jno. Weitzel, 1730 Virginia
 Berkeley.
COST, \$1500

(3543) E BAKER 200 S Ward, Ber-
 keley. One-story 5-room dwelling.
 Owner.....E. B. Splitter, 2154 Ashby,
 Berkeley.
 Architect...None.
 Day's work. **COST, \$1800**

(3544) N CARRISON 240 W Mabel,
 Berkeley. One-story 5-room dwlg.
 Owner.....E. B. Splitter, 2154 Ashby,
 Berkeley.
 Architect...None.
 Day's work. **COST, \$1800**

(3545) S PARKER 90 W Waring, Ber-
 keley. Addition.
 Owner.....E. J. Lea, 2840 Parker,
 Berkeley.
 Architect...None.
 Day's work. **COST, \$400**

(3550) PIEDMONT PLACE, Berkeley.
 Two-story 8-room dwelling.
 Owner.....C. L. Cony, 2227 College
 Ave., Berkeley.
 Architect...None.
 Contractor...W. Livingston, 2918 Ellis,
 Berkeley.
COST, \$4500

(3553) N OREGON 185 E Telegraph
 Ave., Berkeley. One-story 5-room
 dwelling.
 Owner.....Mrs. C. M. Wilson, 2815
 Telegraph Ave., Berkeley.
 Architect...C. M. Wilson, 2815 Tele-
 graph Ave., Berkeley.
 Contractor...C. M. Wilson.
COST, \$1000

(3557) S PRINCE 376.2 E Dana E 41.8
 xS 78, Berkeley. All work for two-
 story dwelling.
 Owner.....William M. Lyons, 2314
 Telegraph Ave., Berkeley.
 Architect...None.
 Contractor...Jacob Kollmer, 2811 Stuart
 Berkeley.

Filed Dec. 12, '13. Dated Dec. 11, '13.
 Frame up and roof sheathing on ¼
 1st coat plaster on..... ¼
 Completed ¼
 Usual 35 days..... ¼
TOTAL COST, \$2500
 Bond, none. Limit, 75 days. Forfeit,
 none. Plans and specifications filed.

Building Contracts Awarded Alameda.

No.	Owner	Contractor	Amt.
3534	Petaluma Rlty.....	Noble	1800
3535	Cole	Cole	2000
3536	Strang	Strang	1800

(3534) NO. 1508 WALNUT, Alameda.
 One-story 5-room dwelling.
 Owner.....Petaluma Realty Co., Peta-
 luma, California.
 Architect...None.

Contractor...G. H. Noble, 2220 Central Ave., Alameda.

COST, \$1800

(3535) NO. 3216 FAIRVIEW AVE., Alameda. One-story 6-room dwlg. Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.

Architect...Leonard H. Ford, 1704 Oxford, Berkeley.

Day's work. COST, \$2000

(3536) NO. 1611 PACIFIC AVE., Alameda. One-story 5-room dwlg.

Owner.....V. N. Strang, 1319 Burbank Alameda.

Architect...None.

Day's work. COST, \$1800

COMPLETION NOTICES.

ALAMEDA COUNTY

Nov. 29, 1913—LOT 12 Map Ruffs Tct Okd. Fred W Hatch to whom it may concern.....Nov. 26, 1913
Nov. 29, 1913—LOT 10 and NE 1/2 Lot 11 Blk 8 Map Key Route Heights, Okd. Fruitvale Blvd Land Co to whom it may concern.....Nov. 28, 1913
Nov. 29, 1913—BLK 67 Map Estudillo Tct, San Leandro. James Dalziel to W S Simpson.....Nov. 15, 1913
Nov. 28, 1913—S SIXTIETH 100 W Colby W 43-1 S 100 E 39-5 N to pt beg, Okd. J D Keys to whom it may concern.....Nov. 28, 1913
Nov. 28, 1913—S SIXTIETH 100 W Colby W 43-1 S 100 E 39-5 N to pt beg, Okd. J D Keys to whom it may concern.....Nov. 28, 1913
Dec. 1, 1913—NW 35 LOT 1 BLK 7, Map Boulevard Park, Okd. Mrs M Richardson to E C Sydes.....Nov. 24, 1913
Dec. 1, 1913—LOT 111 Sbdvn 30 Map Reshdvn Peralta Park, Bkly. Western Union Home Bldrs to Frank C Nye.....Nov. 29, 1913
Dec. 1, 1913—LOT 21 BLK 2 Map Sbdvn No. 1 Adams Point Ppty, Okd. M E Hennings to John Lehman.....Dec. 1, 1913
Dec. 2, 1913—N FIFTEENTH 60 E Clay E 120 N 93-9 NW 14-1.7 W 110 S 103-9, Okd. Robert Dalziel Co to Otto Kurtz, Dec 2; Lewis A Hicks Co.....Dec. 2, 1913
Dec. 2, 1913—E SIXTY-FIRST AVE 240 S Taylor; No. 1246 61st Ave., Okd. Loretz Peterson to W H Judson.....Nov. 26, 1913
Dec. 2, 1913—SW FORTY-SIXTH & Melrose Ave W 120x33, Okd. Jimima A Laing to whom it may concern.....Aug. 18, 1913
Dec. 2, 1913—PTN PLOT 18 Map Part Rancho Arroyo de la Alameda, Niles. Emily L Chittenden to A T Spence.....Oct. 22, 1913
Dec. 3, 1913—NW TWELFTH AND Grove 50x112, Okd. Bruguiere Co to Judson Mfg Co.....Dec. 2, 1913
Dec. 2, 1913—LOT 2 BLK 6 Wheeler Tract, Bkly. Dr C L Roadhouse to Alfred Peterson.....Nov. 15, 1913
Dec. 3, 1913—LOT 8 BLK 5 Berkeley Square, Bkly. Marla Callender and Caroline C Condit to whom it may concern.....Dec. 2, 1913
Dec. 3, 1913—SW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to F M Maestretti and J M Younger.....Dec. 1, 1913
Dec. 4, 1913—PTN LOT 1 Map Harris & Donahue Tract, Pleasanton. Peter Kroeger to C A Bruce.....Dec. 1, 1913
Dec. 4, 1913—LOT 6 AND PTN LOT 5 Blk "F" Corrected Map Nicol Tract,

Okd. Edith Dell Bush to whom it may concern.....Nov. 29, 1913
Dec. 4, 1913—W PERALTA AVE Ptn Lots 3, 4, and 5 Blk "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern.....Nov. 29, 1913
Dec. 4, 1913—S BENCINAL AVE 175 W Union W 44xS 140, Ala. A H Knox to D M Etter.....Dec. 4, 1913
Dec. 5, 1913—LOT 7 BLK 4 Map Havenscourt, Oakland. Piedmont Heights Bldg Co to C F Lodge.....Dec. 5, 1913
Dec. 5, 1913—S WARD 302.5 E Ellisworth 37 1/2 x 134 1/2, Bkly. F R Peake Co to G Johanson.....Dec. 4, 1913
Dec. 5, 1913—PTN LOT 8 BLK "B" Revised Map Piedmont Park, Piedmont. Cora H Shores to whom it may concern.....Dec. 1, 1913
Dec. 6, 1913—E SAN PABLO AVE 75.62 N Addison N 30.12 E 109.52 S 35 W 106.35, Bkly. Z G Hadjopoulos to E J Aalto.....Dec. 4, 1913
Dec. 6, 1913—LOT 9 BLK "B" Map Waterside Terrace, Ala. F N Strang to whom it may concern.....Nov. 24, 1913
Dec. 6, 1913—E BOULEVARD 175 N 12th E 136 N 50 W 148 S 50, Okd. Robert Irvine to O M Bullock.....Dec. 5, 1913
Dec. 6, 1913—N FIFTEENTH 60 E Clay E 120 N 93-9 NW 14-1.7 W 110 S 103-9, Okd. Robert Dalziel Co to whom it may concern.....Dec. 2, 1913
Dec. 8, 1913—E BENVENUE AVE 147-5 S Russell S 45x E 148.53, Bkly. W J Bell to John Weitzel.....Dec. 4, 1913
Dec. 8, 1913—LOT 3 BLK "B" Northbrae Business Ppty, Bkly. F R Peake Co to whom it may concern.....Dec. 6, 1913
Dec. 10, 1913—S TAFT AVE 125 E College Ave being Lot 84 Woodlawn Park, Okd. C A Covalt to Fred Hamblenton.....Nov. 15, 1913
Dec. 10, 1913—LOT 6 BLK 4 Map Claremont, Bkly. Caroline Wolbold to Jacob Kollmer.....Dec. 9, 1913
Dec. 10, 1913—LOT 2 BLK 17 Regents Park No. 4, Albany. Carl Ericsson to whom it may concern.....Dec. 8, 1913
Dec. 10, 1913—LOT 19 BLK 16 Map No. 4 Regents Park, Albany. Carl Ericsson to whom it may concern.....Dec. 8, 1913
Dec. 11, 1913—LOT 24 Map Ford Tct, Okd. A M Odgers to Joseph St. Mary.....Dec. 11, 1913
Dec. 11, 1913—SE FIFTH AVE 100 NE E-15th, Okd. Ellen M Humphrey to J E Baughman.....Dec. 8, 1913
Dec. 11, 1913—S TWENTY-EIGHTH 68 E Chestnut being No. 1072 28th, Okd. E V Christensen to E J Coleman & James Grimmings.....Dec. 11, 1913

Fifth E 40xN 100, Ala. Reliance Mill & Lumber Co vs Wm G Le Boyd\$219.07
Dec. 3, 1913—N CENTRAL AVE 40 E 5th E 34xN 100, Ala. Reliance Mill & Lumber Co vs Wh G LeBoyd\$183.33
Dec. 4, 1913—LOT 28 AND SW 10 LOT 29 Map Holway and Laine's Sbdvn Lots 31, 32 and 33, Kingsland Tract, Okd. Zenith Mill & Lumber Co vs S A Potter and H C Miller.....\$256
Dec. 4, 1913—N CENTRAL AVE 40 E Fifth E 34xN 100, Ala. Rhodes-Jamieson & Co vs W G Le Boyd\$126.25
Dec. 4, 1913—NE FIFTH & CENTRAL AVE 40xN 100, Ala. Rhodes-Jamieson & Co vs W G Le Boyd, W Ehrenport, A A & C O'Brien.....\$144.70
Dec. 5, 1913—S SANTA CLARA AVE 506.25 W Union W 27.33xS 137.5, Alameda. H C Nelson vs W G Le Boyd\$106
Dec. 6, 1913—N TWENTY-SIXTH & W Broadway NE 189 N 52.66 W 109 11-12 S 232 1/2 E 153 1/2, Okd. D Scaglia, \$70.50; Geo Chiantaretto, \$126 vs First Presbyterian Church of Oakland and Atlas Stone Co.....
Dec. 6, 1913—SUBDVN C, D, AND E Lot 7 Blk 792 Map No. 2 Watts Tct, Okd. Zenith Mill & Lumber Co vs Rose Marcou and L S Barnett.....\$235.31
Dec. 6, 1913—LOT 23 BLK 6 Map 4th Ave Heights, Okd. Berkeley Lumber Co vs E O and Elizabeth G Pendleton and O M Bullock.....\$422.40
Dec. 8, 1913—N TWENTY-SIXTH & W Broadway W 153.63 N 233.20 E 199.94 S 52.13 SW 187, Okd. Royal Heating Co vs First Presbyterian Church of Oakland and General Eng Co.....\$120.95
Dec. 8, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 th 187 to pt beg, Oakland. Joseph Triboli, \$56; Americo Cristiani, \$56; Anglio Perli, \$61 vs Atlas Stone Co and 1st Presbyterian Church of Oakland.....
Dec. 9, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 th 187 to pt beg, Oakland. Virgilio Raiteri, \$168.25; Daniel McFee, \$128.75; Thomas Hill, \$200 vs Atlas Stone Co and 1st Presbyterian Church of Oakland.....
Dec. 9, 1913—LOT 4 BLK 18 Map Northbrae, Bkly. Otto Bechtie vs H H Gastman and Sequola Constr Co.....\$55
Dec. 9, 1913—PTN LOT 13-A Map Lands Teutonia Park and Homestead Ass'n, Ala. Rhodes-Jamieson & Co vs W G Le Boyd.....\$118.05
Dec. 9, 1913—N CENTRAL AVE 176 E 5th N 135-2 to find pt of beg W 76 N 34, Ala. Rhodes-Jamieson & Co vs W G Le Boyd.....\$37.35
Dec. 8, 1913—LOT 11, Robinson Tct being No. 1329 Palm, Ala. R B Stuart vs J B Randall.....\$270
Dec. 10, 1913—N TWENTY-SIXTH & W Broadway NE 189 N 52.66 W 109 11-12 S 232 1/2 E 153 1/2, Oakland. Frank Poletto vs 1st Presbyterian Church of Oakland and Atlas Stone Co.....\$42.25
Dec. 11, 1913—SBDVN NO. 1 LOT 23 Map No. 3, Glen Echo Tct, Piedmont. J Cuccel vs Gertrude and E E Huddleson.....\$38.10
Dec. 11, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 W 187 to pt of beg, Okd. Frank Puccinelli, \$180; A. Purini, \$48; Phillip Zappettini, \$124.75; G

LIENS FILED.

ALAMEDA COUNTY.

Nov. 28, 1913—SW LAVERNE AVE 387.05 NW 55th Ave NW 35xSW 100, Okd. Sunset Lumber Co vs May H Drake, T M Drake and C O Brad-hoff\$381.55
Nov. 28, 1913—NW LAVERNE AVE 387.05 NW 55th Ave NW 35xSW 100, Okd. Sunset Lumber Co vs May H Drake, T M Drake and C O Brad-hoff\$381.55
Dec. 1, 1913—S YGNACIO AVE 200 E Cole S 125x E 40, Okd. John Peters vs C D Penick.....\$37.60
Dec. 3, 1913—NE CENTRAL AVE &

Paroni, \$45; Joe Lunardi, \$193 vs First Presbyterian Church of Oakland and Atlas Stone Co.	.....
Dec. 11, 1913—OLD MAY RANCH, blded on N County Road No. 818, E land of Murphy, S land Fasset, W by land Tonder et al. Murray Tp. J. G. Hart vs Herman D. Murphy and L. A. Myers.	.....	\$12
Dec. 11, 1913—N TWENTY-SIXTH & W Broadway N 187 N 52.13 W 199.94 S 233.20 E 153.63, Okd. S. M. Pierson vs First Presbyterian Church of Oakland and Atlas Stone Co.	.....	\$137.60
Dec. 11, 1913—SW TWENTY-FIFTH and Telegraph Ave 50x100, Oakland Marshall & Stearns, \$568, E. Rosenberg (Wedel Elec Co), \$385.50 vs Wilhelmina Street and Christiansen & Smith.	.....
Dec. 12, 1913—SW TELEGRAPH AVE and 25th S 50xW 100, Okd. George H. Tay vs Wilhelmina Street and Wara Bros.	.....	\$142.91
Dec. 12, 1913—NE E-FOURTEENTH and NW 9th Ave NW 50xNE 100, Okd. George H. Tay Co vs J. B. Cabana and Wara Bros.	.....	\$133.61
Dec. 12, 1913—S SANTA CLARA AVE 306.25 W Union W 27.33xS 137.6, Ala. Sunset Lumber Co vs W. G. Le Boyd and N. J. Pickle.	.....	\$558.76
Dec. 12, 1913—S CENTRAL AVE 97-6 W Elm W 32-6xS 90, Ala. Sunset Lumber Co vs W. G. Le Boyd and A. P. Pollard.	.....	\$266.71
Dec. 12, 1913—E FIFTH 100 N Central Ave N 34-9xNE 100, Alameda. Sunset Lumber Co vs W. G. Le Boyd and W. F. Kroll.	.....	\$320.76
Dec. 12, 1913—N CENTRAL AVE 243.2 E Fifth E 34xN 100, Ala. Sunset Lumber Co vs W. G. Le Boyd, G. W. and W. Ehrenpfort.	.....	\$487.28
Dec. 12, 1913—SW TWENTY-FIFTH and Telegraph Ave 50x100, Okd. Charles Rutherford vs Christiansen & Smith and Wilhelmina Street.	.....	\$90.75
Dec. 12, 1913—S NINETY-NINTH AVE 127 W E-14th S 94.185xW 35, Okd. Sunset Lumber Co vs Lou and Justus Norris.	.....	\$260
Dec. 12, 1913—S TWENTY-FIFTH 100 W Telegraph Ave E 100xS 50, Okd. L. J. Neal vs Christiansen & Smith and Wilhelmina Street.	.....	\$768.75
Dec. 12, 1913—W PALM 215 S Central Ave W 100xS 35, Ala. Sunset Lumber Co vs Edwin B. Robinson and J. B. Randell.	.....	\$406.57
Dec. 12, 1913—W PALM 215 S Central Ave W 100xS 35, Ala. H. C. Bigge and C. W. Lannon vs C. B. Robinson and J. B. Randell.	.....	\$400
Dec. 12, 1913—N BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.12 th 187 to pt beg, Oakland. Giovanni Gotelli, \$78.25; Joe Zanabria, \$144.25; Rhodes-Jamieson Co, \$160.80; Sullivan Bros, \$52.50 vs Atlas Stone Co and First Presbyterian Church of Oakland.	.....

SAN JOSE AND THE SANTA CLARA VALLEY

BUNGALOW—1½ story and base, frame, \$3,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, C. Rasmussen, 415 17th street. The house will contain six rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors all be used in the living room, dining room and reception hall. There will be furnace heat and

open fire place. Mantel will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BRIDGE—Wood construction. Cost not stated. San Mateo, San Mateo Co., Cal. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. Plans have been approved for the construction of a wooden highway bridge in the First Road District. Plans are now out for figures. Bids will be opened by the County supervisors on December 29th. Plans can be secured from the County Surveyor, Redwood City. An official proposal appears in another column of this issue.

SCHOOL GYMNASIUM AND MANUAL TRAINING BUILDING—Frame construction. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened by the State Board of Control for the gymnasium building at the San Jose State Normal School show Morrison Bros. of Santa Clara low at \$3,364 and R. O. Summers of San Jose low on the manual training building at \$2,854. A complete list of the figures received for this work will be found under the heading of San Jose and the Santa Clara Valley.

THEATRE AND STORES—2 story and base, reinforced concrete. \$50,000. Watsonville, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street. S. F. Owners, Appleton Co. The building will be erected on a corner lot covering an area of 60 by 100 feet. The first floor will contain a number of stores beside the theatre entrance and main auditorium and stage. Front portion of the second floor will be arranged for offices. Construction will be fireproof. There will be a central heating system, modern ventilation and a vacuum cleaning system. Interior finish will be of pine. Exterior of the building will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

Bids For San Jose State Normal Opened.

Morrison Bros. Will Get Gymnasium Job and Manual Training Building Will go to R. O. Summers.

(By Special Wire).

SACRAMENTO, CAL. Dec. 9, 1913—Bids were opened by State Board of Control on Monday, December 8th, for two buildings to be erected at the State Normal School at San Jose.

R. O. Summers of San Jose submitted the lowest bid at \$2,854 for the work on the Manual Training Building.

Morrison Bros. of Santa Clara submitted the lowest bid for the gymnasium building at \$3,364. Other bids were received as follows:

Manual Training Building.	
R. O. Summers.....	\$2,854
O. B. Ackerman Son Co.....	2932
Morrison Bros.	3040
The Acme Co.....	3096

Boxton-Dillon Co.....	3344
Fred L. Hansen.....	3640

Gymnasium Building.

Morrison Bros.	\$3364
O. B. Ackerman Son Co.....	3598
R. O. Summers.....	3657
Boxton-Dillon Co	3744
The Acme Co.....	3950
L. A. Rose.....	4700
Fred L. Hansen.....	5530

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 18 AND 19 BLK 15, City of Richmond. All excavating, concrete and cement work, plumbing, plastering, painting, carpenter and tile work for two-story brick fire house building. Owner.....City of Richmond. Architect...James T. Narbett, Richmond, Cal. Contractor...Paul Glaser, Richmond, Cal. Filed Dec. 11, '13. Dated Dec. 8, '13. Brick walls completed.....\$221.20 All walls completed and roof finished 221.20 Floors are finished..... 221.20 When completed 221.20 Usual 35 days..... 2961.60 **TOTAL COST, \$11,846.40** Bond, none. Limit, 90 working days. Forfeit \$10 per day. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED **ACCEPTED**
Dec. 3, 1913—BLK 3 Map of Reshdn of Parallane City Except Blks 6, 13, 14, 19, 20, 23, 24, 27 and 28 thereof. Robert F. Gallagher to whom it may concern. Nov. 27, 1913
Dec. 4, 1913—PTN SEC T, 4-4 West of WeRorie-McLaren Nursery. A. S. Barron to John Wilson. Oct., '13
Dec. 5, 1913—LOT NO. 21 BLK 18, Crocker Estate Tract. W. F. Dreyer to whom it may concern. Dec. 3, 1913

SAN MATEO COUNTY.

Building Contracts.

LOT 10 BLK 26, Second Addition to Easton. All work for one-story house. Owner.....D. A. Reade, 1224 Hyde, San Francisco. Architect...None. Contractor...McClare. Filed Dec. 3, '13. Dated Oct. 27, '13. Rafters on\$500 When completed 920 **TOTAL COST, \$1,420** Bond, none. Limit, 60 days from date. Forfeit, none. Specifications only filed.

LOT NO. 24 BLK 29 Western Add'n to Town of San Mateo. All work for one-story bungalow. Owner.....W. O. Booth. Architect...None. Contractor...William S. Leadley. Filed Dec. 4, '13. Dated Dec. 3, '13. Frame up and roof on.....\$570 1st coat plaster on..... 570 Completed and accepted..... 290 Usual 35 days..... 850 **TOTAL COST, \$2,280** Bond, none. Limit, 60 days from date. Forfeit, none. Plans and specifications filed.

NOTE:—Covered by deed to Contractor of Southerly 1/2 of Lot 7 in block 42 Borne Estate, Eastern Add'n to San Mateo.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUNGALOWS — 3 1-story and base, frame, \$1,500 each. Richmond, Contra Costa Co., Cal. Architect, C. O. Clausen. Phelan Bldg., S. F. Owner, C. O. Clausen. These houses will be arranged for five rooms each and will be erected in the West Richmond Tract. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, Lewis M. Gardiner, Phelan Bldg., S. F. Owner, Mrs. E. Hubbard. The building will be erected at the corner of Elmar and MacDonald avenues covering an area of 50 by 100 feet. There will be stores on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. All apartments will have wall beds and private baths. Composition floors and tile wainscot will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Building Contracts.

MARIN COUNTY.

LOT 6 BLK 8 Winship Tract, Marin Co. All work for five-room dwelling. Owner.....Hortense Gardner, Mills Bldg., San Francisco. Architect...Albert J. Mazurette, Bacon Bldg., Oakland. Contractor...Fred H. Field, Ross. Filed Dec. 10, '13. Dated Dec. 9, '13. Frame up\$625 Brown coated 625 Finished 625 Usual 35 days..... 638 TOTAL COST, \$2513 Bond, none. Limit, 90 days. Forfeited, none. Plans and specifications filed.

Completion Notices.

MARIN COUNTY.

RECORDED ACCEPTED Nov. 25, 1913—LOT 17 KOHN TRACT San Anselmo. O A Farnkopf to Wm YoeNov. 15, 1913 Nov. 25, 1913—LOT 9 BLK 3 Tamalpais Valley, Marin Co. A De Moldereup to H J Kolbe.....Nov. 19, 1913 Nov. 25, 1913—RANCHO CANADA de Herrera, San Anselmo. The Presbyterian Orphanage to T J Mosley, Nov. 16; Fred H Fields, Nov. 16, 1913 Dec. 3, 1913—N LAUREL 185 E Petaluma N 140XE 50, San Rafael. Martina Marelli to whom it may concernDec. 6, 1913

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED Dec. 3, 1913—LOT 16 BLK 115, City of Richmond. Hoyt & Greene, Inc to C D Knolly.....Dec. 2, 1913 Dec. 4, 1913—LOT 15 BLK 115, City of Richmond. Hoyt & Greene, Inc to C D Knolly.....Dec. 3, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

LIBRARY—1 story and base, brick, \$10,000. Coalinga, Fresno Co., Cal. Architects, Swartz, Hotchkin and Swartz, Rowell Bldg., Fresno. Owners, City of Coalinga. The building has been designed in the classic style and will be faced with pressed brick trimmed with terra cotta. Plans provide for a large reading room, children's room, stack room, librarian's office and toilets. There will be a central heating system and modern plumbing. Interior will be finished in pine and hardwood. Maple floor will be used. Plans are complete and figures are being taken.

STORE ALTERATIONS—1 story and base, brick, \$5,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteous. This work will include new interior fixtures, finish, plumbing, plastering and electric work. New store fronts set in copper and with plate glass windows will be installed. Plans are being prepared and figures will be called for shortly.

STORE—1 story and base, reinforced concrete, \$45,000. Fresno, Fresno Co., Cal. Architect, R. F. Felchin, Fresno. Owner, Mrs. C. B. Shaver. The building will be erected at the southeast corner of J and Merced streets and will cover a large area. Construction will be fireproof throughout with exterior walls of reinforced concrete and interior partitions of hollow tile. Interior finish will be of pine and hardwood. There will be a central heating system, vacuum cleaning and metal window sash and frames. Patent store fronts will be specified. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HALL OF RECORDS—2 story and base, reinforced concrete, \$100,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, Fresno County. The building will be fireproof throughout and has been designed in the classic style with eight stone columns and a marble and tile entrance. The first floor will be arranged to accommodate the offices of the County Clerk and County Assessor. Entire upper floor will be given over to the County Recorder. Floors and interior partitions will be of concrete. Corridors will be finished in marble and tile. A large art glass dome will be one of the features of the building. Plans call for steam heat, vacuum cleaning, oil burning furnaces and metal window sash and frames. Fireproof vaults will be provided for each of the county officials. Exterior of the building will be faced with cement plaster and terra cotta. Plans have been approved.

NORMAL SCHOOL GROUP—1 and 2 story and base, Class A Construction.

\$370,000. Fresno, Fresno Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. State Architect George B. McDougall states that working drawings are nearly complete for the new State Normal buildings to be erected in Fresno. These buildings will be erected in three wings, covering a ground area of approximately 250 by 400 feet. Details of the construction have not been made public as yet. Architect McDougall states that plans will be complete and out for figures by March 1st. Further mention will be made of this work.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES — 1 and 2 story and base, frame. Cost not stated, Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. E. Sydenstricker, 2318 1 street, 2 story frame dwelling, \$2,700; Joseph Edenhofer, 3011 Cypress ave., 2 1-story frame dwellings, \$1,500 and \$1,000 respectively, and E. A. Pierce, 2207 First avenue, 2 2-story frame dwellings, \$4,000 each. Materials on all of these jobs are now being purchased.

COURT HOUSE—2 story and base, reinforced concrete, \$90,000. Alturas, Modoc Co., Cal. Architect, F. J. De Lonchamps, Reno, Nevada. Owners, Modoc County. Plans presented by Architect De Lonchamps in competition with some fifteen other architects were awarded first place and he has been commissioned to proceed with the working drawings. The building is a fine example of the classic design and will be faced with granite and cement plaster. Construction will be as fireproof as the funds available will allow. Plans provide for spacious offices for the various county officials, two large court rooms with ante chambers, a meeting room for the supervisors and large public space. Several fireproof vaults are also included in the plans. Interior will be finished in pine and hardwoods. Metal window sash and frames and metal furniture will be used. There will be a central heating system, probably steam heat. Plans are to be completed and ready for figures by the January meeting of the supervisors and it is hoped to let contracts for the construction not later than February.

Contracts Awarded.

WAREHOUSE—3 story and base, brick. Cost not stated. Sacramento, Cal. Architect's name not given. Owners, Northern Electric Co. Contractors, Murrell-Haley Co., Sacramento. Contract price not stated.

Building Contracts.

SACRAMENTO COUNTY.

N 40 FT. OF S 80 FT. OF W 160 OF Tract "A" W J Landers Add'n Oak Park, Sacramento. Finish off interior of dwelling. Owner.....Lee S. Osborne, 2925 Stock-Ave, Sacramento. Architect...None. Day's work, COST, \$400 CENTRAL PACIFIC STATION GRNDS. Sacramento. Addition to depot.

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LIENS RELEASED.

SACRAMENTO COUNTY.

RECORDED	AMOUNT
Dec. 4, 1913--W 1/2 OF LOT 25 Oak Grove Tct, Sacramento. Campbell & Boutwell to O E Horton....	\$35.80
Dec. 4, 1913--FARM NO. 669 AND 663, Central California Traction Unit No. 10, W P Fuller & Co to Hamilton Invest. Co.....	\$59.18

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE -- 2 story and base, reinforced concrete, \$25,000. San Juan Capistrano, Orange Co., Cal. Architect, A. B. Benton, 114 North Spring street, L. A. Owner, John Forster. The design is in the Mission style and the dwelling has been arranged for ten rooms, two baths and sleeping porch. A garage will also be erected on the property. Interior finish will be of pine and hardwood. There will be a central heating system, probably hot water, vacuum cleaning plant and other modern conveniences. Bath rooms will have tile floors and wainscot. There will be open fire places and brick or tile mantels. Exterior of the house will be faced with cement plaster. A clay tile roof will be used. Plans are being prepared.

RESIDENCE -- 2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, William M. Humphreys. The dwelling will be erected on Rockwood avenue near Union avenue and has been designed for a ten room house with a number of baths. A two story brick garage will also be erected on the property. Interior of the house will be finished in oak and white enamel. Hardwood floors will be used throughout. Plans provide for steam heat, a hot water system, vacuum cleaning and open fireplaces. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. All baths will be equipped with showers. Exterior of the dwelling and garage will be faced with ruffled brick. Plans are being prepared.

CHURCH--2 story and base, brick. Cost not stated. Tucson, Ariz. Architects, Prohman & Martin, Slavin Bldg., Pasadena, Cal. Owners, Grace Episcopal Church. The building will be erected at the corner of Stone and University avenues and will be designed in the Gothic style. There will be a large main auditorium seating 500 people, Sunday School rooms, pastor's

Owner.....Central Pacific Railway Co., San Francisco.
Architect...Engineering Department.
Contractor...Bridge & Bldg. Department.
COST, \$1000

W 60 FT. LOT 2, L. M. 8TH AND 9TH STs., Sacramento. Erect public garage.
Owner.....Frank G. Snook, 1006 K St., Sacramento.

Architect...Geo. C. Sellon, 1005 K St., Sacramento.
Contractor...R. W. Smith.
COST, \$14,600

W 30 FT. LOT 9 AND E 20 FT. LOT 10 N. O. 12th and 13th Sts., Sacramento. Alter dwelling.

Owner.....Charles Calquhoun Mills.
Architect...None.
Contractor...Fred Engberg, 1113 1/2 L St., Sacramento.
COST, \$400

LOCATION NOT GIVEN. Add to dwlg.
Owner.....Dr. James Harris, County Hospital, Sacramento.
Architect...None.
Contractor...Morrie & Clark B. & C. Co. 1011 Y St., Sacramento.
COST, \$400

N 1/2 OF LOT 8, H. I. 11TH AND 12TH STs., Sacramento. Alter church.
Owner.....Central M. E. Church.
Architect...None.
Contractor...O. M. Kilborn, 1421 L St., Sacramento.
COST, \$100

LOT 3 LOCKWOOD TRACT, Sacramento. Erect dwelling.
Owner.....George W. Locke & Sons, 318 J St., Sacramento.
Architect...None.
Contractor...A. D. Stafford, 1408 T St., Sacramento.
COST, \$1500

LOT 262 Wright & Kimbrough, Add'n., Sacramento. Alter residence.
Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work
COST, \$300

LOT 3 AND W 1/2 LOT 4, S. T. 12TH & 13th Sts., Sacramento. Two-story brick laundry.
Owner.....Julia Barras and Thillie Abaek, 1220 S St., Sacramento.
Architect...None.
Contractor...Geo. L. Hendon, 914 T St., Sacramento.
COST, \$6500

S 110 FEET OF F A MILLER TCT, lying between Sacramento river and railroad right of way and abutting Y street in N line, 440 feet E of Sacramento Harbor line. Erect oil storage and distributing plant.
Owner.....Associated Oil Co., Sharon Bldg., San Francisco.
Architect...None.
Day's work.
COST, \$24.

E 1/2 OF N 1/2 LOT 1, O. P. 25th & 26th, Sacramento. Erect dwelling.
Owner.....E. E. Sydenstricker, 2318 I St., Sacramento.
Architect...None.
Day's work.
COST, \$2700

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 1 BLK 116 S M C. Stockton. Erect frame building.
Owner.....G. T. Storey, 136 E-Jefferson St., Stockton.
Architect...None.
Day's work.
COST, \$2000

LOT 1 BLK 1 E. Stockton. Remodel brick building.
Owner.....El Dorado Improvement Co., 126 S-El Dorado St., Stockton.
Architect...None.
Day's work.
COST, \$3000

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED	ACCEPTED
Dec. 4, 1913--W 60 FT. OF N 90 FT. and S 30 ft. of N 120 ft. Lots 7, 8, 32nd and 33rd, V W Allen and Leitch Tct, Sacramento. Geo Wisemann and Anell Hoffman to John William Foey.....	Dec. 4, 1913
Dec. 10, 1913--S 1/2 LOT 5 S 1/2 LOT 6 U, V. 21st and 22d Sts., Sacramento. A A Merkeley to G S Hayes.....	Dec. 1, 1913

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED	AMOUNT
Dec. 10, 1913--LOT 45 Urban Court, Sacramento. Henry Cowell Lime & Cement Co vs Thomas Johnson.	\$21.50

study and social rooms. A rectory will be erected later. Interior finish will be of pine and hardwood. A maple floor will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared. Further mention will be made of the work as the plans progress.

HOTEL—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Charles Gordon. Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter. The building will be erected on North Main street opposite the Plaza and will cover an area of 90 by 117 feet. The first floor has been arranged for fifteen stores besides the hotel entrance and lobby. Upper floors will contain 150 guest rooms and a large number of baths. There will be steam heat, elevator service, vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwoods. The floors and wainscot will be used in the bath rooms. Metal window sash, frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and now out for figures.

SCHOOL—5 1-, 2- and 3-story, brick \$150,000. Inglewood, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood Union High School District. The group will consist of a two story science hall 110 by 73 feet, a 3 story household economy building 110 by 67 feet, a part one and part two story manual arts building 182 by 94 feet and a one story gymnasium 138 by 68 feet with out door swimming pool and a building housing a central heating plant. Interior finish will be of pine with maple floors. Plans provide for a vacuum cleaning system and program. Exterior will be faced with pressed brick. Working drawings are being prepared and figures will be called for about January 1st. Further mention will be made of the work.

BANK AND OFFICES—5 story and base, Class A construction. Cost not stated. Santa Ana, Orange Co., Cal. Architects, T. Beverly Keim Jr. & Co., Los Angeles Investment Bldg., L. A. Owners, Farmers' and Merchants' Bank of Santa Ana. This work has been mentioned here before when plans were first started. Working drawings have been approved and figures will be called for shortly. The structure will be erected at the corner of Fourth and Main streets and will cover an area of 50 by 100 feet. The bank will occupy the entire first and mezzanine floors. Each of the upper floors will be subdivided into 14 modern offices. Interior finish will be of pine, hardwood, marble and tile. There will be a complete steel frame and exterior walls of brick, faced with pressed brick and terra cotta. Plans provide for steam heat, elevator service, a vacuum cleaning system and fireproof vaults.

GARAGE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Reginald D. Johnson. Staats Bldg., L. A. Owner, Mrs. N. Rose. The building will be erected on Figueroa street near Washington covering an area of 50 by 150 feet. The structure has been designed for a commercial garage and besides the store space, will contain a completely equipped machine shop, paint shop and body works. Interior will be finished in pine. There will be metal window sash and frames.

Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL GROUP—6 buildings, concrete construction. Cost not stated. Alhambra, Los Angeles Co., Cal. Architect Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Alhambra. There will probably be six new buildings. The present building will be remodeled and will form the administration building of the group. As soon as Mr. Marsh completes the preliminary work and submits his report on cost, a special election will be called to vote a bond issue for the erection of all or a part of the proposed buildings.

Contracts Awarded.

TELEPHONE EXCHANGE—6 story and base, Class A construction, \$230,000. Los Angeles, Cal. Architect, T. W. Burkett, 333 Grant ave., S. F. Owners, Pacific Telephone and Telegraph Co. Contractors, Willard Slater Co., 2311 Santa Fe avenue, Los Angeles. Contract price, \$230,000. Note—The structural steel work has been awarded to the Baker Iron Works for \$25,800.

BANK ORNAMENTAL IRON WORK—\$32,500. Los Angeles, Cal. Architects, William Curlett & Son, Phelan Bldg., S. F. Owners' Merchants' National Bank. Contractors, Rudge-H-Merrell Co., S. F. Contract price, \$32,500. The Wesseline Marble & Tile Co., H. W. Hellman Bldg., L. A., has been awarded a contract for the marble and tile work on the same building at approximately \$70,000.

GARAGE—1 story and base, brick, \$15,000. Los Angeles, Cal. Architects, Garrett and Farrell, Currier Bldg., L. A. Owner, James Irving. Contractor, J. W. Morrison, Builders' Exchange, L. A. Contract price, \$15,000.

LIBRARY—1 story and base, brick and concrete, \$7,100. Watts, Los Angeles Co., Cal. Architect E. R. Jeffery. Citizens' National Bank Bldg., L. A. Owners, Town of Watts. Contractor, H. E. La Rue, Watts. Contract price, \$7,100.

RESIDENCE—2 story and base, frame, \$33,000. Pasadena, Los Angeles Co., Cal. Architects, Hunt and Burns. Laughlin Bldg., L. A. Owner, Henry House. Contractor, C. J. Nordquist, 332 Patterson street, L. A. Contract price \$33,000.

RESIDENCE—2 story and base, frame, \$30,000. Beverly Hills, Los Angeles Co., Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, E. L. Doherty. Contractors, Milwaukee Building Co., Wright & Callender Bldg., L. A. Contract price, \$30,000.

SCHOOLS—3 2-story, brick and concrete. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, A. Burnside Sturgis, Story Bldg., L. A. Owners, Long Beach School District. Contractor, J. W. Davison, 325 Walnut street, Long Beach. General construction, three buildings. Contract price, \$76,718.56.

PORTLAND AND OREGON.

RESIDENCE—2 story and base, frame, \$10,000. Ashland, Ore. Architect, J. N. McNeil, Northwest Bldg., Portland. Owner, H. Jennings. The dwelling will be designed for a large country home and will contain nine rooms, baths and sleeping porches. Interior finish will be of pine and terra d-

wood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. The wainscot will be used in the bath rooms. Exterior of the house will be covered with cement plaster. Plans are complete and figures will be taken at once.

RESIDENCE—2 story and base, reinforced concrete, \$50,000. Portland, Ore. Architect, Eliza F. Lawrence, Chamber of Commerce Bldg., Portland. Owner, J. L. Bowman. The dwelling will be erected on Knott street between 17th and 18th streets and will be designed for a handsome city home. Construction will be fireproof. Details of the building have not been fully decided upon and a description can not be printed at this time. Further mention will be made of the work as plans progress.

HOTEL ADDITION AND ALTERATION—3 story and base, brick, \$55,000. Pendleton, Ore. Architects, Tourtelotte & Hummel, Northwest Bldg., Portland. Owners, Pendleton Hotel Co. The present building, covering an area of 100 by 120 feet on the first floor and 100 by 60 feet on the upper floors, will be altered so as to make the upper floors uniform. Scagliola columns, Caen stone and marble finish will be installed on the first floor. A new passenger elevator and plumbing is also to be provided. Upper floors in the new portion of the building will contain 24 rooms to the floor. Interior finish will be of pine and hardwood. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LIBRARY—1 story and base, brick \$12,500. Marshfield, Ore. Architect, W. S. Turpen, Marshfield. Owners, City of Marshfield. Drawings submitted in competition with several other architects for the new building have been approved and will be forwarded to New York. The structure will contain reading room, children's room, librarians office and stack room. Plans provide for a central heating system, probably steam. There will be pine and oak interior finish and maple floor in the reading room. Metal book shelves and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND LOFT—2 story and base, brick and steel, \$20,000. Portland, Ore. Architects, Camp and Lee Pay, 426 Alder street, Portland. Owner, R. L. Glick. The building will be erected at the corner of 5th and Conco streets covering an area of 100 feet square. The entire building has been leased to one firm who will install a large amount of special fixtures. Interior finish will be of pine with some hardwood veneer. Plans provide for elevator equipment and steam heat. Metal window sash and frames will be specified. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be carried to completion by the architects.

Contracts Awarded.

JETTY WORK—Crushed rock and concrete, \$629,621. Tillamook Bay, Ore. Engineer, General Klum, Owners, United States Government. Con-

tractors, Giebsch & Joplin, Portland. Contract price, \$629,624.

SEATTLE AND WASHINGTON.

SCHOOL GYMNASIUM—2 and 3 story and base, reinforced concrete, \$62,000. Tacoma, Wash. Architects, Heath and Grove, National Realty Bldg., Tacoma. Owners, Stadium High School. Revised plans for this building have been completed and figures are now being called. The building will cover a considerable ground area and will be practically fireproof. Interior will be finished in pine and maple. There will be steam heat and special gymnasium fittings. Metal window sash and frames are specified. Plumbing will include showers and tub baths. Exterior of the building will be faced with cement plaster. Bids are now being called.

Contracts Awarded.

WATER SYSTEM—\$135,907. Centralia, Wash. Engineer, Stanley Macomber, City Engineer, Centralia. Owners, City of Centralia. Contractor, W. H. Mitchell, Alaska Bldg., Seattle. Contract price, \$135,907.

INCORPORATIONS.

San Francisco.

Toyland G. U. Capital Stock, \$50,000; subscribed, \$50; shares \$10 each. Directors—G. T. Dunlap, W. Holcombe, F. J. Fisher, S. Carr, L. F. Muller, 1 share each. Place of business, San Francisco. Manufacturers Novelty Co. Capital Stock, \$10,000; subscribed, \$9900; shares \$100 each. Directors—G. F. Lucas, J. T. Hayward, E. M. MacConnell, 33 shares each. Place of business, San Francisco. Pacific Coast Quarry Co. Capital Stock, \$20,000; subscribed, \$15; shares, \$1 each. Directors—F. D. Mitchell, A. Whearty, C. Searle, 5 shares each. Place of business, San Francisco.

T. Mori & Company. Capital Stock, \$30,000; subscribed, \$150; shares, \$50 each. Directors—T. Mori, J. P. O'Brien and L. G. Meyer, 1 share each. Place of business, San Francisco.

American Concrete Co. Capital Stock, \$10,000; subscribed, \$300; shares \$100 each. Directors—R. Glaze, E. Heger, R. D. Connolly, 1 share each. Place of business, San Francisco.

Steamer Solano Co. Capital Stock, \$130,000; subscribed, \$3900; shares \$1300 each. Directors—R. A. Hiscox, N. H. Wood, O. T. Barber, 1 share each. Place of business, San Francisco.

Star Clock and Suit Mfg. Co. Capital Stock, \$25,000; subscribed, \$30; shares, \$10 each. Directors—J. Rosenbaum, M. Rosenberg, I. Kalisch, 1 share each. Place of business, San Francisco.

The Ehnendorf Hat Co. Capital Stock, \$15,000; subscribed, \$3; shares, \$1 each. Directors—F. E. Ehnendorf, A. L. Ehnendorf, P. W. Ruppert, 1 share each. Place of business, San Francisco.

Pacific Vegetal Co. Capital Stock, \$25,000; subscribed, \$500; shares, \$100 each. Directors—G. W. Hinckley, F. D. Stringham, W. Holcombe, S. Carr, L. F. Miller, 1 share each. Place of business, San Francisco.

The Louis C. Muller Co. Capital Stock, \$10,000; subscribed, \$210; shares, \$10 each. Directors—L. C. Muller, E. Kittelberger, 10 shares each; E. Fritz, 1 share. Place of business, San Francisco.

Hugh McKevitt & Son. Capital Stock, \$10,000; subscribed, \$30; shares, \$10

each. Directors—V. Hart, J. C. Quinlan, H. K. McKevitt, 1 share each. Place of business, San Francisco.

Mission Realty Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—V. Hart, J. C. Quinlan, H. K. McKevitt, 1 share each. Place of business, San Francisco.

F. R. Heinrich & Co. Capital Stock, \$5000; subscribed, \$50; shares, \$10 each. Directors—C. C. Haub, F. R. Heinrich, M. T. Bischof, M. A. Woodward, A. B. Weller, 1 share each. Place of business, San Francisco.

CONSTRUCTION WORK AHEAD.

CANADA.

Vancouver Improvements—Gas Plant.

Vancouver contemplates spending \$500,000 in the near future for city improvements, which includes \$1,000,000 worth of paving, several bridges, cause ways, viaducts, etc.

The Vancouver council has passed a resolution favoring the establishment of a municipal gas plant. The city engineer's estimate is that a plant could be established at an initial cost of \$250,000, enabling gas to be sold at \$1.16 per 1,000, while the minimum price for gas quoted by applicants for a franchise was \$1.40.

COLUMBIA.

Public Works.

The Government has appropriated through the Department of Public Works \$10,000 gold for constructing a customhouse at the port of Guapi, midway between Buenaventura and Tumaco on the Pacific coast; and \$15,000, for the defense of the port against Guapi River and for sanitation. The engineers are also instructed to make a thorough preliminary survey of a communicating route between Guapi and the central and southern provinces of Cauca, and if a feasible route be discovered the Government will at once authorize the development thereof. The Department of Fomento is authorized to expend \$5,000 additional for general development of the town of Guapi.

Railway Construction.

The Government authorizes reconstruction and repair of the Tolima Railway between a point opposite Girardot on the Magdalena River and Espinal in Tolima Department. This road was taken over by the Government in August last, and the improvements proposed will include general reconstruction of track, roadbed, building, etc., so the line may be opened to service as early as possible. Mr. Justino Monco has been appointed chief engineer in charge, and he may be addressed either at Girardot or Espinal, Columbia.

The Government has approved construction of an additional 3 miles of the Amagá Railway and has authorized the company to issue \$75,000 of Government-guaranteed bonds thereon—the amount of subvention provided for in 1907 contract. The company also secures 3,700 acres of public lands as a further subvention. This road is being built between Medellin and Amagá and is said to be paying already.

The Government also approves construction of 4 1/2 miles of the Antioquia Railway between Puerto Berri and

Medellin and has authorized emission of \$74,100 in 6 per cent Government bonds, protected by customs duties, in conformance with law No. 61 of 1895, the amount of the national subvention to this corporation.

ARGENTINA.

Waterworks and Electric Plants.

The City Council of Bolivar, Province of Buenos Aires, has approved the specifications for the tenders that are to be invited for construction of waterworks in that town.

The Council of Bolivar has also approved the specification for the electric lighting of that town and tenders will shortly be called for.

The mayor of the city of Buenos Aires will shortly submit to the City Council the ad referendum concession authorizing the Lacroze Company to undertake public and private electric lighting. The terms of the concession are the same as those enjoyed by the Compania Alemana Transatlantica de Electricidad.

New Telephone Lines—Tramway.

The public works of the Rosario Municipality has reported favorably on the petition of Sr. A. Rechedei for a 40 year concession for a telephone system. At the expiration of the concession the property is to revert to the municipality.

The United River Plate Telephone Co. has purchased the telephone business in Rio Cuarto and Bell Ville, and it is probable that these two towns will be connected with the city of Cordoba, where the company is erecting suitable premises for installing an automatic telephone exchange, the first to be erected in Argentina. The result of the working of this exchange will be watched with considerable interest, for if it is a success it will mean that this system will be established in several other cities in which the company is interested.

J. Basante has applied to the Municipality of Villa Rica for a concession to establish a telephonic service between the town and the railway station, also for a tramway concession as well as one for electric lighting.

EAST AFRICA.

OPENING OF THE HAIFA-ACCA RAILWAY.

The Hedjaz Railway inaugurated the branch line from Haifa to Acca on October 14 by sending a free train to Acca with Haifa people. After the inauguration celebration at the Acca station, the train left with Acca people for Haifa. In the evening a train took the Acca people home and in return brought the Haifa people back from Acca.

For the beginning two trains a day are running to Acca. The customhouse and the landing place in Haifa have been quite in adequate to cope with the traffic; but the Hedjaz Railway has made a new warehouse on their own jetty, and this warehouse has been rented by the customhouse, gratis, for storage of imported goods. The German Steamship Stambul was the first steamer to have its cargo stored in this new custom warehouse.

This improvement will enable Haifa and the Hedjaz Railway to compete

more briskly with Beirut for handling goods for Damascus, as there is no longer the lack of warehouse facilities which formerly caused the heavy expenses from the landing place to the customhouse, and from there to the railway freight station. Now a truck of the railway is just behind the new customhouse, and therefore the landing and forwarding expenses for Damascus goods will be very little in comparison with what they formerly were.

A large steam sawmill has been built at Troitsky Posad, on the Volga River, Russia, by Mr. Smirnoff, a Moscow timber merchant, who is organizing a stock company with a capital of \$3,090,000. The output of the mill will be sold on the foreign market.

OIL BURNERS INSTALLED FOR THE UNITED STATES GOVERNMENT AT FORT BAKER, CAL.

By O. W. Degen, Civil Engineer, War Department.

A modern installation of oil burners using crude fuel oil and low pressure air at Fort Baker, California.

The War Department has just installed an oil burning plant for Barracks and Quarters at Fort Baker, Cal. The plans is divided into No. 1—Oil Supply Pipe Lines; No. 2—Oil Storage and Distributing Reservoirs; No. 3—Oil Pump and Motors; No. 4—Air Pipe Line, Compressors, Motors and Oil Burners.

The oil is delivered by tank steamer and is pumped through a 6 inch pipe to a storage reservoir of a capacity of 100,000 gallons at an elevation of 100 feet. (This being the limit oil steamers care to pump). The reservoir is constructed in red rock, lined with 5 inch of concrete on sides using Clinton wire fabric as reinforcing; the interior was sprayed with cement gun, reservoir is covered. From this reservoir the oil is pumped into the small distributing reservoir of 10,000 gallons; also of reinforced concrete at an elevation of 200 feet by a 5-H. P. motor and Gould Triplex pump belt driven, from here it is distributed through 4 inch wrought steel pipes through entire reservation, except branches to houses, which are 2 inch.

Great care had to be taken in getting the oil pipe tight and providing for expansion and contraction by inserting U bonds every 300 feet bedded in sand. The oil pipe lines are controlled by gate valves so any part can be shut out without interfering with the rest.

The apparatus for supplying air was installed in the Sub-station, it consisted of two General Electric Centrifugal air compressors, each with a capacity of 750 cubic feet of free air per minute under about 2 pounds pressure; each compressor is driven by an alternating current General Electric motor of 10-H. P. and 3400 revolutions per minute. The air pipe starts with an 8 inch size and branches every way with 6 inch and reduced to 5 inch, 4 inch and 2½ inch. Air and oil pipes were laid in the same trench close to the rear of the buildings. The air and oil pipes are extended into the basement of each building with gate valves outside of each building.

The oil supply to each building is provided with a pressure regulating valve so pressure is kept at about 30 pounds and an automatic cut off valve

Each building is provided with a Crane oil meter of disc type with strainer and by-pass.

The burners were of the S. T. Johnson Company type, and the compressors, air line and burners were installed by this firm. Oil burners were installed for all the boilers, hot water heaters, bake ovens and ranges in the Post, thirty-seven burners in all.

The total amount of oil consumed during the month of October was 5,655 gallons at a cost of \$107.50 and 2629 K W hours at 3 cents were used or \$78.77 for electric power, a total cost of \$186.10; this will show a saving of about 76 per cent over coal. California crude fuel oil is used with heat value of 18,000 B. T. U. specific gravity .966 and one gallon of this oil requires 1875 cubic feet of air for combustion.

This installation being the first on a large scale completed by the Government opens up an entire new field of application in the use of fuel oil, no doubt future installations will be made to provide large cities with oil for fuel collected into reservoirs same as water and piped through the city streets in the same manner as water mains with taps to buildings, that is being done now at Fort Baker, this and the installation also about completed at Presidio of San Francisco are the first of its kind in the world.

The work was done and designed under the directions of the Constructing Quartermaster's office, Fort Mason, California, Col. George McK. Williamson and Capt. E. S. Walton, Quartermaster. O. W. Degen, Civil Engineer.

The oil tanks, pump and meter were constructed by the Contra Costa Construction Co., the oil pipe by Fringle, Dunn Co., and the air lines, compressors and burners by the S. T. Johnson Company, of 1334 Mission St., San Francisco. The cost of the two oil tanks and pumping machinery was \$1350; for the oil pipe lines, \$4295, and air lines, compressors and burners, \$6380, or a total of \$15,025 for the entire installation.

The installation has been a complete success and is much preferred by the soldiers to the coal burning, this requires no labor to speak of in operation, extreme cleanliness, no ashes or smoke.

The cost per hour for an army range using 1½ gallons of oil per hour is about 3 cents including the cost of electric current.

Minor Jobs About Town.

2198 Geary; brick underpinning; owner, N Gray & Co., Premises; contractor, P. J. Cole, 110 Jessie; cost, \$190.

2608 Lake; add two rooms and concrete foundation; owner, G. Poli, Prem.; contractor, John C. Grant, 553 London; cost, \$250.

SW Devisadero and Fell; one-story frame garage; owner, D. Hadel, 455 Devisadero; contractor, A. C. Madden, 430 Devisadero; cost, \$200.

900 Rhode Island; raise dwelling and add concrete foundation; owner, Louis Firpo, Premises; cost, \$150.

NE Bryant and 5th alter front; owner, A. V. Sellar, Lessee, Premises; contractor, J. A. MacDonald, Premises; cost, \$200.

S Grumbell 100 W Condon; concrete foundation and underpin; owner, —

Coffin, 2528 Mission; contractor, John B. Woolfrey, 2168 21st; cost, \$100.

W Congdon 100 N Ney concrete foundation and underpin; owner, D. Codin, 2528 Mission; contractor, John B. Woolfrey, 2168 21st; cost, \$100.

N Vallejo 55 W Baker; one-story frame garage; owner, J. J. Baumgartner, 711 Humboldt Bank Bldg.; contractor W. W. Rednall, 2700 Filbert; cost, \$250.

1438 Polk, install (3) patent shim-nays, owner, Dresser McDonnell Co., 39-49 18th; cost, \$170.

S2 Ellis; lower floor; owner, John T. Clark Premises; architect, O'Brien & Weiner; cost, \$250.

2107 Fillmore; alter front; owner, M. Elsner, Russ Bldg. contractor, Boyer & Sons, 2107 California; cost, \$250.

E Plymouth 100 N Sagamore; alter front, plaster and remove counters; owner, J. Rodgers, 2926 San Jose Ave.; cost, \$250.

NW Shotwell and Aztec add porch and two rooms; owner, A. Del Tredice; cost, \$200.

S02 22nd; add one room; owner, Mrs. Brusafer, Premises; contractor, Berwick & McKinley, 418 Texas; cost, \$200.

115 Church; one-story and basement frame dwelling; owner, J. C. Dennis, Premises; cost, \$125.

320 Fell; install door and rat proofing; owner, G. A. Meumiller, 14 28th; cost, \$250.

488 Francisco; minor changes on interior; owner, G. Delucchi, Premises; contractor, B. Massoletti, 2328 Taylor; cost, \$140.

762 Valencia; wire mesh floor; owner, H. D. Schmachner, Premises; contractor, Pierson & Lee, 434 Grove; cost, \$145.

29 McAllister erect marquise; owner, Lucas, Mitchell, Premises; contractor, Federal Elec. Sign Co., 257 5th; cost, \$250.

E Polk 170 S Green; new front; owner, Bothin Real Estate Co., 604 Mission, architect, J. H. Ettler, 604 Mission; cost, \$250.

714 Hayes; enclose porch; owner, A. G. Fisk, 700 Hayes; cost, \$200.

26 Mint Ave; erect metal cooling tower; owner, G. G. Compressed Yeast Co., Premises; contractor, H. F. Taylor Co., 33 California; cost, \$100.

28a and Guerrero repair retaining wall; owner, F. Klevesahl, 19 28th; cost, \$200.

NW North Point and Leavenworth; minor alterations; owner, F. Palma, 328 Kearny; contractor, V. Philipps, 866 Union; cost, \$150.

115 Josiah Ave; add porch; owner, Joseph H. Weldin, Premises; contractor, Henry Holzn, 173 Josiah Ave.; cost, \$150.

N Page 150 W Masonic Ave; concrete bulkhead; owner, Sile Estate, 430 Battery; contractor, J. Salanave, 931 Precine; cost, \$275.

SW Ellis and Mason; minor alterations in cafe, owner, Jones & Kern Premises; cost, \$100.

NE Buchanan and Ellis; alter window; owner, P. Beck, Premises; contractor, Louis Kragen, 743 Gough; cost, \$100.

E Kearny 70 N Union, repair restaurant; owner, L. Cardinall, 1408 Kearny; contractor, F. Amoroso, 1716 Kearny; cost, \$700.

199 Ellis, electric sign owner, Kearns & Jones, Premises; contractor,

Novelty Elec. Sign Co., 165 Eddy; cost, \$209.

NW Sacramento and Leidesdorff; install side walk lights; owner, California Insurance Co., 350 Sacramento; contractor, Berger Mfg. Co., 1120 Mission; cost, \$131.

1659 Post; add one room; owner, M. Inuzka, Premises; cost, \$150.

3205 Mission; alter front; owner, Bates & Sharp, Premises; cost, \$100.

735 Post; electric sign; owner, C. A. Lyons, Premises contractor, Federal Sign System Elec, 257 8th; cost, \$145.

3239 Mission; concrete floors; owner, Mrs. Clecak, Premises; contractor, Carl Frank, 305 Bocana; cost, \$110.

1569 Haight; underpin store; owner, Louis Cohn, 3341 Jackson; contractor, A. M. Barnes, 1536 Haight; cost, \$110.

G. ROMAN COMPANY OCCUPIES NEW QUARTERS.

"Nothing succeeds like success." This statement has been often times used in reference to a successful business man, and to Mr. C. Roman it can be amply applied.

Mr. Roman moved to his new quarters, located at 173 Jessie street, from 507 Mission street the first of this month. Here he is in close touch with the numerous contractors and builders, being less than a stone's throw from the General Contractors' Association and just across the street from the Builders' Exchange.

Mr. Roman is a dealer in building materials and is able to quote the lowest market prices on his goods.

One of the fixtures in his office is a box of good cigars, which he always keeps on hand for the contractors, patrons and friends who call to see him.

NEW WAREHOUSE FOR SACRAMENTO.

A permit for the erection of a three-story brick warehouse at the southeast corner of Front and M streets, Sacramento at a cost of \$23,000 has been issued.

The application was made by the Northern Electric Company and Murcell and Haley have been awarded the contract. The lot has a frontage of 85 feet on M street and a depth of 150 feet.

A one-story brick warehouse, known as the Waterhouse and Lester building, covers a portion of it. Two stories will be added to this structure and the remainder of the lot will be covered with a new three-story building, fifty feet in height. Hall, Luhrs & Company will occupy the new addition to lower M street structures.

BUILDING PERMITS ISSUED FOR HOBART ESTATE BUILDING.

Structure to be Highest Office Building in the City.

The building permit as issued yesterday for the erection of the Hobart Est. Building on the north line of Market street east of Montgomery street. The plans having been submitted to the Board of Public Works and approved by Chief Building Inspector, John P. Horgan.

This structure will be the highest office building in the city and will cover an area of 7599 square feet on the ground giving an area of 7490 square feet on each floor. It is to be 20

stories in height. The estimated cost of the structure is \$520,000, although it is safe to assume that the cost will reach \$600,000 by the time it is ready for occupancy. The fee for the building permit was \$240.

HUMANIZING HOUSES.

Houses are curious things. We take a morsel of illimitable space and wall it in and roof it over. Suddenly it ceases to be part of God's out of doors and becomes an entity with an atmosphere of its own. We warm it with our fires, we animate it with our affections, we furnish it with such things as seem good in our eyes. We 'do this to get shelter for our bodies, but we acquire as well an instrument for our spirits that reacts on us in its turn.

In other words, as we live our way into a house, adapting it to our need, the bricks and mortar, the paint and plaster, cease to be inert matter and become alive. Superficial sociologists have taunted women with being "more anabolic or plantlike" than man, but I count it her second glory. The plant is an organism that "slowly turns lifeless into living matter," and this is the thing that woman has done from the beginning with her shelter. In our houses we achieve almost an organic extension of our very selves.—Cornelia A. P. Comer in Atlantic.

USE OF SLIDE RULE.

It is rather strange that in a country such as Canada, where both in the office and in the field time and labor saving devices and systems are employed to such an extent, an instrument of such universal utility as the slide rule should be so little used. It is an instrument that should be in constant employment by every engineer, contractor and builder in the country, and yet we find that there are quite a number of the first named who do not use it, while among the builders and contractors its service is largely limited to the estimating departments of a few of the bigger concerns. One can only presume that its value as a time and trouble saver is not known to the bulk of those who might benefit by its use, and that the many contractors, engineers and builders who continue to work out their calculations by the old arithmetical processes do so because they do not know of the much simpler method offered by the slide rule.

There are many who look upon the slide rule as a mathematical instrument which requires mathematical knowledge of a high order to operate. They are, perhaps, told that it is a mechanical device for adding logarithms. So it is, but its use does not necessitate a knowledge of the rules governing logarithms. Any man of average intelligence can learn to use the slide rule in a few hours of tuition. After a week's practice he will be able to operate with sufficient confidence and speed to realize a saving of time on all calculations as compared with the arithmetical process, and in a month he will be an expert with the instrument, and able to carry out any ordinary calculation with a speed, accuracy and certainty which he could never approach by the usual methods.

In carrying out quantities the slide rule is of inestimable service. This will be realized when it is stated that by

its use any simple or decimal quantity can be multiplied by any other simple or decimal quantity by means of a single setting of the rule, and in a few seconds, without putting a figure on paper. Any division can be accomplished with equal facility. Fractions can be converted into decimals with similar ease, while the square or square root of any number can be obtained with the utmost simplicity—a marked contrast to the arithmetical process of the latter operations. Similarly the cube or cube root of any quantity can be obtained in a few seconds, with one setting of the rule. If it is required, the logarithm of any number can be read direct from a single operation of the slide, and the same holds good of tangents and sines of any angle, natural logarithms, and many other calculations used in the science of mathematics.

The slide rule has several other advantages in addition to the speed it renders possible in all calculation. With ordinary care it is impossible to make any of those big slips which are so easily made in figuring a calculation, and for this reason checking is redundant. A degree of accuracy of about 1 per cent can be obtained without difficulty in most cases, and this is quite near enough for practical purposes. The instrument can, moreover, be bought for a few dollars, and can be carried in the pocket without any inconvenience. It should be part of the equipment of every engineer and contractor who ever has any calculation to perform, and its usefulness is by no means limited to those engaged in these industries. Where the processes of multiplication, division, involution, evolution, or other simple arithmetical computations have to be performed, the slide rule will be found of incalculable benefit to its users.

REMARKABLE GROWTH IN WORK OF GEOLOGICAL SURVEY.

tary Lane. Notwithstanding the fact that within this period the former technologic branch of the Survey has become an independent organization, the Bureau of Mines, the older bureau is larger now than it was six years ago.

In personnel the net growth of the Survey since 1907 has been 37 per cent; in general correspondence the increase has been 43 per cent; the total distribution of reports and maps has increased 23 per cent; the increase in maps sold, 25 per cent; and the total cash receipts from sales of publications are larger by 60 per cent than in 1907.

The activities imposed by Congress upon the Geological Survey have been increasing faster than the appropriations provided heretofore, until now it is all too apparent that the organization is undermined and under-equipped. The demand upon the Survey for more work can not be checked, but the means to meet the demand can be provided.

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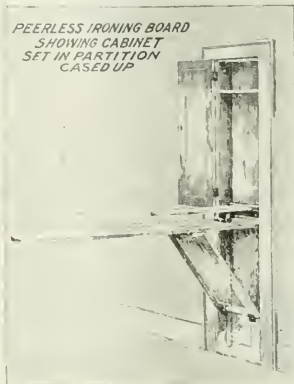
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Keystone Orn. Iron & Bronze
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Williams Bros. & Henderson
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Wright, Chas.
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Koldenrodt, F.
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Messner, Paul
Millerick, Phil, J.
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Magnesia Co.
Western Builders'
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Whittier - Coburn
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Lennon Co., J. E.
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& Products Co.

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Sherman, Kimball
& Co.
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Sherman, Kimball
& Co.
Crode Oil Burners
Bill & Jacobsen
Sherman, Kimball
& Co.

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Pridde, Milton
Walker, J. M.
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Roofing Co.
Flaherty R. & P.
Co., K. H.
Goodmansan, A. K.
Mallott, Peterson
& Adams.
Watsonite Co.

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Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ling Co.
Galvanized Iron.
Baker & Hamil-
ton
Berger Mfg. Co.

Gas Fixture.

Cal. Gas & Elec-
tric Co.
Day Co., Thomas
Gas Heating Sys-
tem.
Reactor System
Gas Heating Co.
Gasoline Tanks &
Pumps.

Deming, E. R.

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Cal. Plate & Win-
dow Glass Co.
Cohen, I. R.
Fuller Co., W. P.
Grosslicht & Din-
niene
Hahnelt &
Howlett
Mission Plate &
Window Glass
Co.
Pioneer Plate &
Window Glass
Co.
Schwarz & Gott-
schalk
United Glass
Works (Inc.)

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Cassaretto, John
Devincenzi & Co.,
L.
Dillon Teaming
Co.
Gallen & Carlin
Giorgi Co., G.
Hartnett J. D.
Holland, J. P.
Lennon Co., J. E.
Lettler, Fred
Luggen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip
Pien, Edw. F.
Powers, Chas. F.
Rahman & Woods
Schmid, A.
Shiley Grading &
Teaming Co.
Star Con. Co.
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Granite Curbing.

Graham Granite
Co.
Leed Granite Co.,
W.
Pacific Granite Co.
Placer Granite Co.

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Bay Devel. Co.
Cal. Building Ma-
terial Co.
Cassaretto, John
City Supply Co.
Standard Crushed
Rock Co.
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Stone Co., E. B. &
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Inland Floor Co.
Hatch, H. L.
Pearson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.

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Baker & Hamil-
ton
Dawson & Noyes
Judson Mfg. Co.
Pacific Coast Steel
Company.
Trussed Concrete
Steel Company.
Woods & Huddart
Iron Works.
Brode Iron Wks.
Dyer Bros. Co.
Eureka Wire &
Iron Wks.
Folsom St., Iron
R. Works.
Glasser & Kloores
Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron &
Wire Works.
Steiger & Kerr
Stove & Found-
ry
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Joint Hangers & Pint Caps.

Kortick - Falls
Mfg. Co.
Liles & Thurs-
ton
Roman Co., C.
Waterhouse &
Fry Co.
Western Bldrs.
Supply Co.

Lathes, Wood & Metal.

Balzer, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.

Wood Lumber Co.,
E. K.

Hardware, Dealers.

Bennett Bros.
Brittain & Co.
Krusse, J. H.
Joost Bros.
Marshall - Newell
Supply Co.
Meyer, Adolph
Norman & Sons,
F. G.

Hay & Grain

Algeltinger, E.

Heating & Vent- ilating.

Ahlbach & Mayer
Atlas Heating &
Ventilating Co.
General Eng. Co.
Klernan & O'Brien
Hurley Co., J. C.
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Co.,
Fred W.
Turner Co., The

Houses, Movers & Removers.

Hatch, H. L.
Pearson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.

Inland Floors.

Calif. Parquet
Floor Co.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pac. Floor Sand-
ling Co.
Iron & Laundry.
Enterprise Found-
ry Co.
Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.

Baker & Hamil-
ton
Dawson & Noyes
Judson Mfg. Co.
Pacific Coast Steel
Company.
Trussed Concrete
Steel Company.
Woods & Huddart
Iron Works.
Brode Iron Wks.
Dyer Bros. Co.
Eureka Wire &
Iron Wks.
Folsom St., Iron
R. Works.
Glasser & Kloores
Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron &
Wire Works.
Steiger & Kerr
Stove & Found-
ry
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Joint Hangers & Pint Caps.

Kortick - Falls
Mfg. Co.
Liles & Thurs-
ton
Roman Co., C.
Waterhouse &
Fry Co.
Western Bldrs.
Supply Co.

Lathes, Wood & Metal.

Balzer, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.

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Supply Co.
Meyer, Adolph
Norman & Sons,
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Snook & Co.,
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Pac. Floor Sand-
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Iron & Laundry.
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Steiger & Kerr,
Stove & Found-
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Dyer Bros. Co.
Eureka Wire &
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Glasser & Kloores
Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron &
Wire Works.
Steiger & Kerr
Stove & Found-
ry
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Raymond, Wm. H.
Ward, J. E.

Lime & Plaster

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.
Quality Lime pro-
ducts Co.
Western Lime &
Cement Co.

Lumber Dealers.

Christensen Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Hardy Lumber Co.
Hart-Wood Lum-
ber Co.
Hastings Lum-
ber Co.
Kruse Co., J. H.
Hooper Lumber Co.
Liggett Lumber
Co., J. E.
Loop Lumber Co.
MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson - Mahony
Lumber Co.
Person, E. P.
Pope & Talbot
Reinhart Mill &
Lumber Co.
Ryan Bros. Co.
Santa Clara Val-
ley Mill & Lum-
ber Co.
Sacia Fe Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.

Sublet Lumber Co.

Tierman & Beronto
Van Arsdale-Har-
ris Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.
Yates, Wm. F.

Magnesian Floor- ing.

Artolth Mfg. Co.
Bender R.P. Co.
Dyer Bros. Co.
Eureka Wire &
Iron Wks.
Folsom St., Iron
R. Works.
Glasser & Kloores
Golden Gate Iron
Works
Hillard Co., C. J.
Michel & Pfeiffer
Monarch Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron &
Wire Works.
Steiger & Kerr
Stove & Found-
ry
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Marble and Mosaic

Green, M. H.
Grassl & Co., P.
Mission Concrete
& Mosaic Wks.
Mission Marble
Works
Musto Sons-Keen-
nan Co.
New Era Marble
& Concrete Co.
Vermant Marble
Co.
Watsonite Co.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peelless Agencies
Co.
Western Mantel &
Tile Co.

Marble and Mosaic

Green, M. H.
Grassl & Co., P.
Mission Concrete
& Mosaic Wks.
Mission Marble
Works
Musto Sons-Keen-
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New Era Marble
& Concrete Co.
Vermant Marble
Co.
Watsonite Co.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Dono-
van
Mangrum & Otter
Peelless Agencies
Co.
Western Mantel &
Tile Co.

Metal Lath.

Atlantic Fire-
proofing Co.
Berger Mfg. Co.
Holloway Metal
Lath Company.
Liley & Thurston
Co.
Ruehling Constr.
Co.
Waterhouse &
Price
Western Builders'
Supply Co.

Patent Chimneys.

Clawson Co., L. E.
Dresser - McDon-
Hughes, H.
Dunn, Geo. & Gottle-
bier
Lamburth, C. E.

Planing Mills.

Anderson Bros.
Birch Co., L. H.
Builders' Supply
Co.
Cal. Door Co.
Cal. Planing Mill.
Emanuel, A. & E.
(Inc.)
Empire Planing
Mill
Hermann, A.
Herring's Mill
Holden - Deuprey
Co.
Lorden Mill Co.,
J. F.
Mo. St. Planing
Moore Mill & Lum-
ber Co.
Pac. Coast Mill &
Lumber Co.
Premus Planing
Mill
Reinhart Lumber
& Planing Mill
Ryan George
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Tay & Co.
Usona Mfg. Co.
Western Planing
Mill
Veyhle & Collins
Yates, Wm. F.

Plasterers.

Bosch, Herman
Brace & O'Reilly
Brennan, James
Burt, Chas. J.
Campbell, Chas.
Cashman, M. J.

Painters and Deco- rators.

Baker, Geo. W. T.
Bernstein, Wm.
Blum, Louis
Burns Bros.
Clark & Dickson
Cooksey, Al.
Cramer Bros.
Dahl, T. H.
Dorpan, W. J.
Erickson, W. J.
Flynn & Mikkel-
sen.
Hansen, Elbing A.
Johnson, Al.
Lewis, S.
Miller, J. A.
Miller, J. A.
Manning, John
Neal, L. J.
Quandt & Son
Riderman, I.
Schaffer, Wm.
Smith, J. S.
Sovig, C. B.
Spark & Sons,
John H.
Swanson, Peter
Walker, Mayer
Wagner, Fred
Wagner, George
Zelnitsky, R.

Plumbing and Gas

Ahlbach & Mayer
Alton, Thom. W.
Bosch Bros.
Bernard, Geo. F.
London & Band
Dunn, Neil H.
Empire Plumbing
Co.
Goss, Wm. P.
Henderson, J.
Houston, J. J.
Kara, F. E.
Klernan & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., M.
May, Gus
McEnhill,
McLennan, J. J.
Parker, J. H.
Penzance, H. J.
Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Tippett, J. C.
Turner Co., The
Wetzel, Theo.
Wilson & Co. Wm.

Plumbers Supplies

Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agen- cies & Pass- enger.

Kent, James B.

Railway Materials

Langford, Felts &
Myers.
Orenstein - Ar-
thur Koppel Co.

Rigging.

Lamburth, C. E.
Markley, James E.

Roofing, Gravel & Composition.

Andes Roofing Co.,
B. F.
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Cantley & Co., J.
Enterprise Roof-
ing Co.
Fibresolite &
Roofing Co.
Flaherty, R. H.
Goodmansan, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lovett Bros.
Mallott, Peterson
& Adams
Parry & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thibbets Roofing
Co.
Watsonite Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.

Roofing (Slate & Tile).

Graham, R. G.
White, Ed. A.

Roofing Materials.

Bird & Son, F. W.
Johns - Manville
Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.

Bay Devel. Co.
Cal. Building Ma-
terial Co.
Cassaretto, John
City Supply Co.
Standard Crushed
Rock Co.
Star Contracting
Company.
Stone Co., E. B. &
A. L.

Sanitary Garbage Chutes.

Bill & Jacobson
Sand Blasting
McMurtre, W.

Sheet Metal Wks.

Applana Corning
Works
Atlas Heating &
Ventilating Wks
Bach Corning
Works
Capitol Sheet
Metal Works
Comyns & Nygren
Corning
Works
Forderer Corning
Works
G. Works
Ideal Corning Wks
Metal Works
Guilfooy Corning
Works
Hibernia Sheet
Metal Works
Heipner Sheet
Metal Works
Hughes, H. J.
Hurlabelle Bros.
Ideal Corning Wks
Korell & Co., J. A.
Modern Sheet Metal
Works
Morrison & Co.
S. F. Metal Stam-
ing & Corr. Co.
United Metal
Products Co.
Western Furnace
& Corning Co.

Sidewalk Lights.

Berger Mfg. Co.
Caval & Co., J. E.
McGulgan & Co.,
John
Phoenix Sidewalk
Light Co.
Waterhouse &
Price

Slate Builders.

Bishop & Perrino
Bolter, John
Jacobson, J.
Johnson, C. Wm.
Porter, W. F.
Stewart, J. K.

Stationery.

Foster & Short
Wright, J. H.

Steel Erector.

Schauer, Fred C.
Pioneer Con. Co.
Williams Con-
struction Co.

Street Contrs.

Cunningham &
Elliot.
Kawner Mfg. Co.

Structural Steel Contractors.

Judson Mfg. Co.
Schraeder's Iron
Works.
Western Iron Sup-
ply Co.
Woods & Huddart
Staves.
Mangrum & Otter
Steiger & Kerr

Thermal Building

Western Develop-
ment Syndicate.

Structural Steel Contractors.
 Brode Iron Wks.
 Dyer Bros.
 Golden Gate Iron Works
 San Francisco Iron Works
 Ralston Iron Wks
 Vulcan Iron Wks
 Zenith Iron Wks.
Surveyors.
 Morser, E. J.
 Sanborn & Corlison
Teaming and Grading.
 Brantek, J. P.
 Button, I. V.

Devenenzi & Co., L.
 Dillon Teaming Co.
 Gallen & Carlin
 Hartnett, J. D.
 Holland, J. P.
 Lennon Co., J. E.
 Leffler, Fred
 Longel, Ernest
 McGlinchey & Monohan
 Montague Co., P.
 O'Day Co., D.
 Pico Edw., F.
 Powers, Chas. J.
 Sibley Teaming & Grading Co.
 Schmid, A.
 Star Contracting Co.
 Wright Co., J. H.

Water Company.
 Spring Valley Water Works.
Whitewashing.
 Brickley, P. J.
 Reigle & Jamison
 Taylor, L. A.
Window Cleaning.
 American Window Cleaning Co.
 Progressive Window Cleaning
Windows, Patent.
 Birth Co., L. H.
 Simplex Window Co.

Door Openers.
 Rischmuller, Geo.
Electrical.
 California Electrical Works
 Central Electric Co.
 City Electric Co.
 Decker Electric Co.
 Globe Elec. Co.
 Hanbridge, W. S.
 Levy Elec. Co.
 National Elec. Co.
 Otis Elevator Co.
 Van Emon Elevator Co.
Fibre.
 S. F. Fibre & Cordage Co.

Heating & Ventilating.
 Burnham Plumbing & Heating, Inc.
 Cronan, Wm.
 Mangrum & Otter
 Montague, W. W. & Co.
House Moving & Raising.
 Blume Cont'g Co.
 Pearson, E. K.
 Sullivan, D. I & T
Inside Floors.
 Hardwood Interior
 Inala Floor Co.
 Pacific Floor Sanding Co.
Iron Works.
 Lorenz, Schaffner & Co.
 Michaels & Pfeiffer
 Monarch Iron Works
 Pacific Rolling Mill Co.
 Pacific Struc. Iron Works
Interior Decorations.
 Lathers, Snell & Dennis
 Lynch, Richard
Joining.
 Lathes & Joiners
 Korkley Falls Mfg. Co.
 Lilley & Thurston Co.
Kawneer System.
 Star Fronts
 Falls Mfg. Co.
 Lilley & Thurston Co.

OFFICIAL LIST OF MEMBERS

BUILDERS' EXCHANGE

OF SAN FRANCISCO

180-188 JESSIE STREET PHONE KEARNY 4700

OFFICERS AND DIRECTORS.

President, James A. Wilson
 Vice-President, Richard Herring.
 Treasurer, C. W. Withington
 Secretary, R. J. H. Forbes
 Financial Secretary, S. A. D. Schenck
 Asst. Secretary, W. J. Carberry
 Doorkeeper, E. R. Wolcott

DIRECTORS

James A. Wilson Robt. Dewar
 Alexander McInnis H. Maundrell
 C. W. Withington M. F. Gale
 R. J. H. Forbes J. J. Phillips
 R. A. Chisholm
 O. E. Brady
 Richard Herring

MEMBERS.

Architectural Iron Works.
 Acme Iron Works.
 Baele City Iron Works.
 Brode Iron Works
 Central Iron Wks.
 Dyer Bros.
 Eureka Iron Wks
 Korkick - Falls Mfg Co.
 G. G. Structural
 Hillard, C. J. Co.
 Judson Mfg. Co.
 Mortenson Cons.
 Michaels & Pfeiffer
 Phoenix Iron Wks
 Ralston Iron Wks
 Schneider Iron Works.
 St. Francis Orn. Iron Works
 Vulcan Iron Wks.
 Withington, C. W.
Art Glass.
 Cal. Art Glass Co.
 Ingerson & Glaser Co.

Blacksmiths.
 Paul Kleiber
Bonds.
 American Bonding Co.
 Costello & Cutler
 Aetna Life Ins. Co.
 Boyle, F. W.
 Empire State Surety Co.
 Fidelity & Deposit Co. of Maryland
 Hillman & Son, J. R.
 Lawton, A. F.
 Lloyd & Spengler
 McManis, H. V.
 National Surety Co.
 Pacific Coast Surety Co.
 Pacific Surety Co.
 United States Metal Products Co.
 United States Fidelity and Guaranty Co.
Brick and Pottery.
 Carey, J. E.
 Carnegie Brick & Pottery Co.
 Carquinez Brick & Pottery Co.

McNear Brick Co., E. B.
 Peterson - Kartschke Brick Co.
 Remillard Bk. Co.
 Sacramento Trans. Co.
 San Fran. Bk. Co.
 San Jose Brick Co.
 Seliger T. and Pottery Wks.
 G. G. Brick Co.
 Oakland Paving Brick Co.

Building Material.

California Building Material
 City Supply Co.
 Fernald Co., The
 Kerkick - Falls Mfg. Co.
 Holland, J. P.
 J. E. Lennon
 Johns-Manville Co.
 Levy & Co., Robt.
 Lilley & Thurston Co.
 Pacific Refining & Roofing Co.
 Parrott & Co.
 Paraffine Paint Co.
 Pratt Building Material Co.
 Quality Lime and Cement Co.
 United Material Co.
 Waterhouse & Price Co.
 Western Bldg'g Supply Co.
 Western Building Material Co.

Building Paper

Boyd & Moore
 Lilley & Thurston Co.

Cement Dealers

Balfour, Guthrie Co.
 Cowell Lime & Cement Co.
 Holmes Lime Co.
 Holland, J. P.
 Leonard, J. F.
 Maynard, Jr., J. L.
 Mexican Portland Cement Co.
 Pacific Portland Cement Co.
 Quality Lime and Cement Co.
 Western Building Materials Co.
 Standard Portland Cement Co.

Concrete.

Chase, Silas A.
 Camp & Carillon.
 Duncan, Harrelson Co.
 Foster & Vogt.
 Goodman Art'f'l Stone Co.
 Haun, C. C. W.
 Keatinge & Sons, R.
 Leonard, J. J.
 Leonard, J. P.
 Lynch, A. J.
 Pasqualetti, J.
 Stanguist & Taylor.
 Stanquist & Forbes
 Zimmerman, L. M.
Concrete Reinforcement.
 Lilley & Thurston Co.

Contractors & Builders.

Allen, A. M.
 Anderson, W. W.
 Arthur, L.
 Bateman, J. C.
 Borling, F. H.
 Horn & Son, S. A.
 Brady, C. A.
 Brauntown Bros.
 Burdick, Wm. A.
 Caldwell & Co.
 Cameron & Diss-ton.
 Cavanaugh & Ve-zina.
 Chisholm, R. A.
 Cobby, J. W.
 Conannon, W. N.
 Conrad, H.
 Cregghio & Son, Lewis
 Days' Sons, T. H.
 Dewar, R. S.
 Horn & Son
 Elliott, E. W.
 Fahy, R.
 Fischer, Fred.
 Franz, Val.
 Frost, T. F.
 Gillespie, G. G.
 Gallagher, Frank.
 Gardner, Florent.
 Greig, Robt.
 Hansbrough Bros.
 Healey - Tibbitts
 Hinson, L. A.
 Hill, J. A.
 Holm & Son.
 Howkins, A.
 Hoy, R. S.
 Ingerson, C. A.
 Jones, H. G.
 Kent, S. H.

Knowles & Reich-ley.
 Lang & Bergstrom
 Letter, E. T. & Sons.
 Lynch, M. C.
 Masow & Morrison
 Matthews Cons. Co.
 Mathies, H. C.
 McBain, J.
 McKilligan, R and Wm.
 McLachlan, Thos.
 Miller, Adam.
 Moller, R. W.
 Morey, H. E. & Son
 Owsley, E. T.
 Penny, Isaac.
 McLeran & Peter-son.
 Robinson & Gil-lespie.
 Savage, M. J.
 Simmen, John.
 Smith, J. W. & Son
 Spence, A. T.
 Stockholm & Al-lyn.
 Terrell, G. C.
 Watson Bros. Co.
 Warwick, H. C.
 Buller, Thos.
 White Bros. (car-penters)

Lumber Works.
 Amsler, C. S.
 Berger Mfg. Co.
 Capital Sheet Mtl. Works.
 Comyns & Child-ers
 Conlin, J.
 Cronan, Wm.
 Forrester Corncie Works.
 Guilfoyle Corncie Works.
 Appmann Corncie Works.
 Heldt, Wesley.
 Morrison & Clark.
 S. F. Corncie Co.
 Western Furnace & Corncie Wks. Co.

Contracting Lather.

Lynch, Richard
 Schnebly, Hos-tawser & Ped-griff
 Raymond, W. H.

Curling, Granite

McLenehan, S. R.
 Damp Proofer.
 Brickley, P.
 Reigle & Jamison

Glass and Glazing.
 Cal. Plate & Win-dow Glass Co.
 Cohen, I.
 Cobbedlick Glass Co., L. N.
 Friedman Bros.
 Fuller, W. P. & Co.
 Habenicht & Huet-tel
 Holland, J. P.
 Schwarz & Gott-leib (Inc.)
Grading & Team-ing.
 Church, D. O., Co.
 Dillon, D.
 Eureka Teaming Co.
 Fay, S. J.
 McClure, H. N.
 Wilhelm, A. H.
 Wilkie Co., A.
 Williams, F. A.
 Wright, Chas.
 Monarch Teaming Co.
 Sibley, L. B.
 McLenehan, S. R.
Granite.
 Bradbury, Thos.
 Cal. Granite Co.
 De Lano & Sons, C. L.
 Hunt, A. T.
 Raymond Granite Co.

Hardware.

Brittain & Co.
 Chase, J. H.
 Lorenz, Schaffner & Co.
 Meyer, A.
 Osborn Hardware & Tool Co.
 Palace Hdw. Co.
 Wright Hdw. Co.
Heat and Light.
 Pacific Gas and Electric Co.

Light and Power.
 City Electric Co.
 Pacific Gas & Electric Co.
Lime, Cement, Etc.
 Acme Cement Plaster Co.
 Arden Plaster Co.
 California Lime & Hydrate Co.
 Cowell Lime & Cement Co.
 Holland, J. P.
 Holmes Lime Co.
 Lennon, Jas. E.
 Lucas, W. E.
 Pacific Lime & Plas-ter Co.
 S. F. Lime Co.
 Shasta Lime Pro-ducts Co.
 Western Building Material Co.
 Western Lbr. & Cement Co.

Lumber.

Acme Lumber Co.
 Christensen Lum-ber Co.
 Hart-Wood Lum-ber Co.
 Humboldt Lumber Co.
 Hauptman Lum-ber Co.
 Hooper Lumber Co.
 Kruse, J. H.
 Loop Lumber Co.
 Macdonald Lum-ber Co.
 Moore, R. B. Mill & Lumber Co.
 Olsen, Mahoney & Lumber Co.
 Pope & Talbot.
 Santa Fe Lumber Co.
 Schuten Lumber Co.
 De Lano & Sons, C. L.
 Tiernan & Bero-nio
 VanArsdale-Har-tis Lumber Co.
 Wilson Bros. & Co.
 Doe Co., F. P.
Lumber Yard.
 Dieckmann & Co.
 Howard, E. A. & Niehaus, Ed. F. & Co.
 White Bros.
 S. F. Lumber Co.
 Pacific Machinery.
 Harrison, Richard & McCone.

Masons & Builders
 Alexander, R.
 Allen, C. J.
 Anderson & Ral-
 nev.
 Arlett, A.
 Beck, A.
 Brady, M. V.
 Brady, O. E. & Son
 Brandon, E. J.
 Brennan, J. E.
 Bringham, H. B.
 Butcher, Thomas
 Butcher & Hadley
 Byron, D. J. & Son
 Campbell Bros.
 Carr, J. W.
 Drake, Harry E.
 Downey, J.
 Farrell & Reed
 Fennell, Jas.
 Gale, M. F. & Son
 Gilson, J. E.
 Harrison, A.
 Hibbins & Baker
 Hock, Chas.
 Hoffman, V.
 Hogberg & Lud-
 wig
 Larsen, H. H.
 Lawson, A. W.
 McGowan, M.
 Miller, J. W.
 Murray & Mow-
 bray.
 Mulcahy Bros.
 Nagel, W. L.
 O'Connor & Col-
 lins
 O'Rourke, T. F.
 Raynor & Phil-
 lips.
 Ringrose, R. & Son
 Scott, W. S.
 Walker, P. J.
 Watson, Sage
 Watson, Sidney
 White, J. M.
 Whitney & Davies
 Wilson, James A.
 Wygant, J. H.

Marble,
 American Marble
 & Mosaic Co.
 Columbia Marble
 Co.
 Gervais, Henry

Grassi, Peter, Co.
 Hunt, Andrew T.
 Malmo, F. L. & Co.
 Musto & Sons, Jos
 Keenan Co.
 Vermont Marble
 Co.
Mantels, Tiles
Grates.
 Kirlwin & Dono-
 van.
 Mangrum & Otter
 Montague & Co., W
 Peerless Agencies
Metal Furring &
Lathing.
 Holloway Ex-
 panded Mill Co.
 Lynch, H. T.
 National Lathing
 and Furring
 Northwestern Ex-
 panded Metal
 Co.
 Roebing Sons,
 John A.
Metal Window
Works.
 Dwan, J. E.
Mosaic.
 Amer. Marble &
 Mosaic Co.
 Gervais, H.
 Malmo, F. L. & Co
Office Fixtures.
 Bateman, Wm.
 Forbes & Son, A. J.
 Fink & Schindler
 Co.
 Simmen, John
Painters.
 Daniels, Gus V.
 Donovan, V. J.
 Fraser, J. P.
 Kuss, P. N.
 Lewellyn, J.
 Maundrell, H.
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New Grammar School at Piedmont, California. Designed by Architect Irwin Schaefer, Oakland.

Modern Apartment House For Samuel Henry Erected at Stockton. Designed by Architect Glenn Allan, San Francisco.

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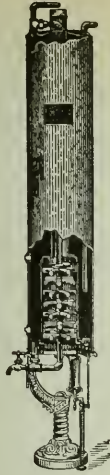
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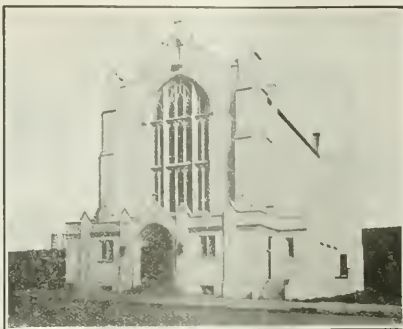
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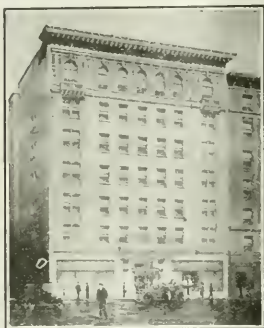
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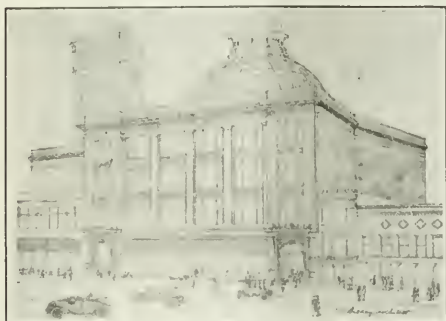
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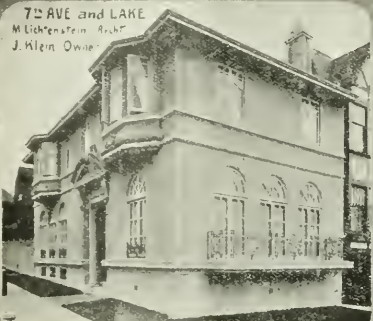
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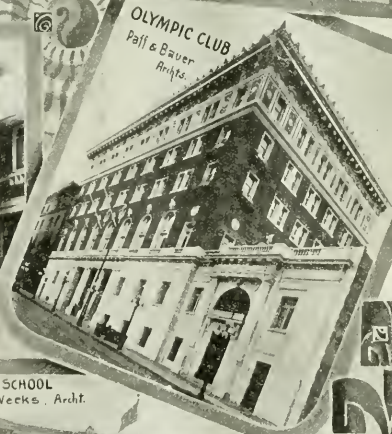
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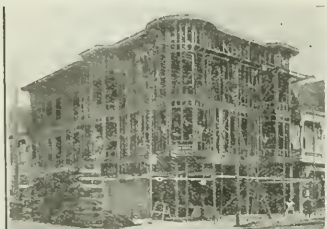
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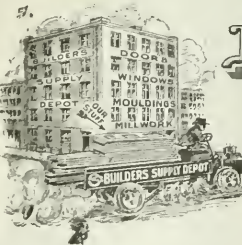
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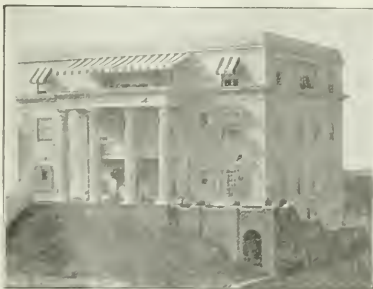


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Editorial Comment.

Building operations for the month of November outside of California cities have shown a marked decline. From a list of 63 cities throughout the country, representing building centers, reports of permits issued during the month made to the American Contractor, Chicago, show a loss in the aggregate of 28 per cent, as compared with the same month last year. And this decline is noticeable particularly in the larger cities. Crop failures in the middle west may have had something to do with it, but the general business depression accompanying the proposed change in the tariff schedule and a sort of uncertainty in the money market has had as much to do with the result as anything else. The following are the figures for the month as reported:

City.	Nov. 1913.	Nov. 1912.
Akron.....	\$ 173,135	\$ 397,980
Albany.....	277,855	413,828
Atlanta.....	278,904	1,238,281
Baltimore.....	612,796	668,871
Boston.....	1,063,225	3,567,235
Buffalo.....	580,000	836,000
Cedar Rapids.....	497,000	178,000
Chattanooga.....	58,610	118,185
Chicago.....	6,490,700	7,625,500
Cincinnati.....	157,050	526,145
Cleveland.....	1,241,640	1,230,812
Columbus.....	398,770	247,987
Dallas.....	876,615	318,280
Dayton.....	111,975	593,078
Denver.....	155,129	318,010
Des Moines.....	168,990	136,915
Detroit.....	1,769,900	1,548,085
Duluth.....	204,673	395,115
East Orange.....	117,303	199,505
Fort Wayne.....	102,150	165,635
Grand Rapids.....	275,384	240,240
Harrisburg.....	84,800	57,480
Hartford.....	1,070,845	269,475
Indianapolis.....	178,711	700,085
Kansas City.....	934,672	1,638,965
Lincoln.....	145,623	206,725
Louisville.....	184,910	258,550
Manchester.....	150,231	82,801
Memphis.....	211,261	588,505
Milwaukee.....	1,711,300	1,643,607
Minneapolis.....	820,990	507,645
Nashville.....	78,946	256,958
Newark.....	549,371	706,806
New Haven.....	214,475	321,282
New Orleans.....	139,716	197,980

New York—		
Manhattan.....	4,121,737	9,354,655
Bronx.....	416,614	2,013,243
Brooklyn.....	2,309,415	2,420,071
Total.....	6,847,766	13,787,972
Oakland.....	114,226	987,294
Omaha.....	268,590	322,600
Paterson.....	81,020	103,982
Peoria.....	184,605	918,815
Philadelphia.....	2,026,565	1,919,880

Pittsburgh.....	698,617	694,329
Richmond.....	281,399	355,041
Rochester.....	649,573	968,503
St. Joseph.....	132,515	92,122
St. Louis.....	1,073,643	1,079,423
San Antonio.....	102,800	261,813
Scranton.....	156,625	151,260
Seattle.....	387,790	403,310
Shreveport.....	89,530	87,520
Sioux City.....	118,127	108,835
South Bend.....	29,525	62,350
Springfield.....	41,425	215,150
Syracuse.....	182,330	396,810
Toledo.....	283,555	272,270
Topeka.....	39,308	74,240
Washington.....	644,033	810,867
Wichita.....	212,350	42,300
Wilk s-Barre.....	212,428	101,396
Worcester.....	299,688	736,901

Total.....\$38,066,523 \$52,768,054

As the above list contains no reports from California cities no comparison is made here as the totals for the month for San Francisco have already been compared. Lack of uniformity in building laws and regulations in the different cities has prevented a fair comparison of building statistics. Thus in some cases the record for permits issued contains the amount for city work. In others not. Generally speaking San Francisco has suffered by comparison. But beginning with the new year a correct comparison of the building record can be made here as a complete record of all work done within the city limits has been kept for the years past.

It is said that William Randolph Hearst owns one million acres of land in Mexico—land which he bought for a song and the timber upon which alone is easily worth \$2,000,000. Perhaps this may account in some degree for his militant jingoism in regard to the Mexican situation aside from the fact that Bryan blocked him in his attempt to put over his little deal with Wall street at the Baltimore convention.

Postmaster General Burleson is in favor of government ownership of the telephone and telegraph. He estimates that the acquisition of these lines would cost the government 900 millions of dollars, but predicts that they would pay for themselves in less than ten years. If his figures are right it gives some idea of the profit these utilities pay even upon their inflated capital. These public utilities should be owned and controlled by the government just as the mails are controlled. For modern business requires the use of these services as much as it does the mails. And it is only a question of time until the people do assume control of these means of communication.

The manufacture of incombustible linoleum, or, to speak more accurately, of linoleum that burns with difficulty has been a goal long aimed at by linoleum factories. The attempts previously made have been based on the plan of adding incombustible matter, such as asbestos or ammonium salts, to the mass during the process of fabrication. Far more promising is a new scheme, described in *Technische Monatshefte*, in which magnesium carbonate is added to the mass. All the carbonate have the property of giving off carbon dioxide when heated at high temperatures. This, as is well known, is a very heavy gas, which does not rise, but creeps along the floor. For this reason in case of a fire it would tend to cut off the supply of air from the linoleum. Magnesium carbonate is chosen because it breaks up at lower temperatures than any other carbonate. The principle involved is, of course, one commonly used in the manufacture of chemical fire-extinguishers.

A bill has been introduced in Congress seeking to create a bureau of Labor Safety in the Department of Labor with a special reference to investigation and examination of labor safety plans and devices. Such a bureau, if instituted, should give an impetus to the production and development of improvements in such devices for factory and railroad use, in fact wherever labor is employed. With more than six million factory employees and one million six hundred thousand railroad employees in the country, the demand for labor safety devices should be earnestly developed and their introduction and maintenance strictly enforced. No one is more interested in the provision of safety devices than the laborers in the particular industry to which the special devices relate and the demand sought to be created by legislation should receive attention from the workers themselves.—*Scientific American*.

The antiquity of man is a subject of unending interest to the human race. For since the first dawn of intelligence and man began to try to account for the phenomena by which he was surrounded, the question as to whence came all these things and whence came man are the questions which each succeeding generation has propounded to the world. Every race has some theory of creation embodied in its religion. And only within the past half century has the Darwinian theory of evolution been accepted by the scientific thought of the world.

Geological investigation has demonstrated the history of the world as written in the rocks and soils. In this book of nature the record goes back for millions of years. And in these rocky strata are imbedded the fossil remains of the fauna and flora that peopled the world in the untold ages that has gone before so that the scientist is enabled to construct from the data furnished a fairly accurate restoration of those remote times.

A skull of a human being has been found recently at Piltdown, Sussex, England. In a flint bearing gravel which is the oldest fossil remains of prehistoric man as yet discovered. This together with other skulls discovered at Heidelberg and La Chapelle have placed the antiquity of man much further back than has ever before been

supposed. Dr. J. Leon Williams, an eminent British scientist who has spent his life upon this branch of scientific research, has lately come to the United States and will deliver some lectures at the principal universities. His investigations from these fossil remains places man's antiquity back at least five hundred thousand years. This places a long period of time for prehistoric man, long untold centuries before he learned the art of speech. And the long centuries that it took to evolve him into an intelligent being such as was capable of constructing the pyramids and the great ruins of Western Asia.

These investigations into geological history are certainly interesting. They represent the small record that we have from the incomprehensible abyss of time.

The Pilgrimage to Mecca is still a standing menace to the health of the world, in spite of the sanitary precautions adopted by the various countries concerned, including the Ottoman Empire. The American consul general at Constantinople quotes statistics collected by the Turkish Sanitary Administration concerning the number of pilgrims who traveled to Mecca via ports of the Red Sea during 1912. There were \$3,995 of these, most of whom came by way of Jeddah, and of this number 44,671 had to be subjected to quarantine or other sanitary measures. Statistics of those arriving by the Hedjaz Railway and other overland routes are not given, but it is known that the annual number of pilgrims often exceed 100,000. In 1912, 198 vessels were engaged in carrying pilgrims, of which 134 were British, 22 Russian, 13 Dutch, and 29 Ottoman. As to the origin of the pilgrims, the largest number came from the Far and Middle East, including 15,900 from Bombay, 9,500 from Singapore, and 12,000 from Batavia. From the Indian Ocean, Gulf of Oman, and Persian Gulf regions came 4,232; from the Arabian and African coasts of the Red Sea, 22,168; and from ports on the Mediterranean, 6,741. Finally three Russian ports contributed 10,473, of whom 7,692 came from Sebastopol.—*Scientific American*.

The parcel post is fast doing away with the middleman in many respects. Farm products, for instance, can be shipped direct to the city consumer. In this it has a big advantage of the ordinary delivery methods. It goes away with the multiplication of delivery routes. Instead of ten or twelve separate equipments for conveying eggs or butter or other farm products to the consumers the United States Post Office has one systematized delivery.

What with mail order houses in the city and a chance for the farmer to deal direct with the consumer the time will soon come when the producer and the consumer will have a chance to fight the commission men's corner on products effectively.

The Evolution of the Elevator has not progressed so far in Europe as in this country, partly, perhaps, because the symmetry of European cities is not yet ruined with the skyscraper, so that the elevator is hardly anywhere an absolute necessity. An American consular report points out the fact that in the Old World these contrivances are still

regarded chiefly as means of carrying passengers up, not down, an idea expressed in the names "elevator," "lift," and "ascenseur," used, respectively, in America, Great Britain, and France. The commonest type of elevator met with in medium-priced hotels in France and Germany is controlled by a series of push-buttons on the outside at the bottom of the shaft. A person wishing to go to the third floor enters the car, and an attendant who remains at the bottom pushes button number three, the car stops at that floor, and the passenger, on leaving the car, calls down the shaft that the car is free. There is no corresponding provision for coming down—stairs are for that purpose.

Gaby of the Lilies is to appear at the Court Theatre. No doubt there will be a crowded attendance. About all there is to recommend her is the fact that she kicked over a throne. So far as known she has neither brains nor beauty to speak of and is a public character only from the fact that a boneheaded prince went crazy about her and as a consequence got kicked out of his own country.

WITH SOCIETY POWERLESS.

Concerning the garment workers' strike in St. Louis the St. Louis Republic says:

"In this instance, thanks to the unprejudiced and painstaking investigation of a citizens' committee, the public is familiar with conditions for which the agitator and unscrupulous labor leader cannot be blamed."

The citizens' committee reported that the labor leaders "were willing to efface themselves if by so doing negotiations with the manufacturers could be arranged." The state board of arbitration, through its chairman, Phil R. Toll of Kansas City, tried to arrange a settlement of the strike on the plan that Louis R. Brandeis, supported by Theodore Roosevelt and others, had used in the betterment of the New York conditions. The strikers signified their acceptance and so did ten of the thirty manufacturers. The other twenty refused the arbitration—and with the weak Missouri statute the arbitration board was helpless.

Of the conditions that induced the trouble the St. Louis Republic's editorial said:

"For the practice of hiring out the work to foremen under contract the manufacturers alone are to blame. For the wretched want of ventilation and the insanitary and crowded conditions the manufacturers alone are to blame. For the custom of working employees overtime the manufacturers alone are to blame. For the meager wages in many instances the manufacturers alone are to blame. Out of these conditions came the strike."

Certainly something better than greediness and carelessness of human life on the one side and violence and destruction of business on the other side ought to be in the hands of society for the adjustment of labor conditions and labor strikes.

After a Triangle shirtwaist fire society is "appalled" at conditions surrounding the workers. But when workers try to remedy those conditions for themselves they find society powerless to help them.

INTERNAL WATERWAYS.

Foreign Experience and California's Needs.

Report to the Commonwealth Club of San Francisco by Jacob M. Blake.

The history of canal building in modern times shows two periods of constructive activity widely separated in point of time and prompted by widely different motives with respect to the character and extent of the economic effect sought.

The greatest activity manifested in the United States in canal construction was before the construction and operation of the first railroads, and practically all the early canals of any importance were built and operated in part, at least, before the construction of railroads within the zone influenced by the canal system. Obviously the building of these canals was inspired, during the first quarter of the last century, by the great need for enlarged transportation facilities over the primitive means then at hand. The canals that were completed between the years 1825 and 1840 had already passed through periods of constructive activity, varying from ten to thirty-five years, prior to their completion. They could not, therefore, have been planned with respect either to type of construction or method of operation, with a view to meeting the railroad competition which they early had to face.

It soon developed that canals could not meet the unrestricted competition of the railroads, due to the limited service both in quantity and quality furnished by the former in contrast with the latter and its ever-increasing system of lateral feeders. The inevitable result of this unequal competition was an entire cessation from further canal construction, and a large decrease in the operation of canals through a period of something like seventy-five years. The census report of 1890 showed that out of 4,465 miles of canals costing approximately \$214,041,802, 2,215 miles or about one-half of the mileage originally constructed, and representing \$51,711,016, or twenty-five per cent of the whole capital investment in canals up to that time, had been abandoned. Since then other important canals and sections of canals have fallen into disuse, so that in 1906 it was estimated that the total mileage of unused canals in the United States amounted to 2,444 miles, and represented an expenditure of \$81,717,374.

The end of this long period of depression in canal construction and operation in the United States seems to be in sight, for the history of the operation of the Erie canal system in New York, in competition with the railroads, shows that the movement of traffic by artificial waterways is not impossible under conditions involving great density of traffic and a superabundance of commodities of large bulk and low freight values. The great decline in importance which the Erie canal has suffered in comparison with the periods of its largest usefulness, is due to its physical inadequacy both with respect to the present size of the canal and to the number and size of its boats, to meet modern requirements. In the United States today the only activity

in connection with the construction and operation of canals is confined to the plans for the enlargement of this canal system for the accommodation of larger and more modern boats.

Canals in Other Lands.

You have already learned that it is not to the United States or to Great Britain that we can turn for information in regard to modern canal construction and operation. The most elaborate and efficient modern canal system in the world today is the inland waterway system of Belgium, and you have had graphically illustrated the type of the successful modern European canal, both as to plan of construction and method of operation. For the purposes of this paper it is only necessary to summarize the canal situation there.

Belgium has an area of only 12,000 square miles. It has three thousand miles of ordinary railroads and two thousand miles of so-called "light" railways, or about a mile of railroad to every two and one-half square miles of area. In addition to this, in 1906 its canal system aggregated about sixteen hundred miles, giving that country altogether one mile of transportation for every two miles of area. This has since been considerably increased by the completion of other waterway projects which were then in the course of construction. Both the railroads and the waterways are owned by the state, the waterways being financed and built through the co-operation of the state and local authorities; the canals being provided by the central state government, while the terminals, with their wharves, docks and loading and discharging facilities, are provided by the municipalities. The light railroads of Europe are ordinarily narrow-gauge and are furnished with lighter equipment than the standard roads, and do not undertake to move the heavier classes of freight to the extent that the other roads do, but are largely operated as feeders to the canals and rivers.

Canals Make Antwerp.

The city of Antwerp, the third largest port in the world, owes its preeminence as the chief entry and distributing port of northwest Europe to the fact that it is the center of a system of inland waterways, comprising navigable rivers, canalized rivers, and canals which extend into Germany, Holland, France and as far as Mannheim, 418 miles away, throughout the whole year, and to Strasbourg 501 miles away, from April to October; both on the river Rhine.

The magnitude of these combined waterways centering at Antwerp, and their direct effect upon the commerce of the port are shown by the immense growth of water tonnage received and cleared by barges at that point between the years 1882 and 1902. In 1882 the total tonnage received and cleared by barges at Antwerp was about 1,200,000 tons, which was increased in 1900 to nearly 10,000,000 tons, by 1902 to nearly 12,000,000 tons by 1904 to 16,000,000 tons (estimated); a rate of increase

which would give an estimated tonnage by 1913 of over 20,000,000.

Preventing Cut-Throat Competition.

In Belgium the railroads and waterways are co-ordinately operated by the government. Through government ownership and control of both railroads and canals, the competition on the part of the railroads has been entirely eliminated, with the result that the canals are given preferential rates for carrying of those classes of freight which experience has shown cannot be handled as economically by the railroads. Prior to the co-ordination in operation of these two means of transportation, it was found that the railroads would underbid the canals upon all classes of freight, making up their losses in carrying freight too cheaply between a limited number of competitive points by excess charges upon goods carried between the unlimited number of non-competitive points; and this in spite of the fact that the use of the waterways was practically toll-free. It was soon determined, however, by actual experience that this discrimination operated equally to the disadvantage of the state and of the railroads. When it was found that the canal could offer no rate so low but that the railroad could still afford the loss incurred by carrying the goods at a still lower one, it was seen that two effects were inevitable: First, that no one could afford to resort to the use of the waterways, or prepare to handle large shipments at a moving rate by water; and second, that the railroads could not afford to move all the low-priced, bulky freight that the country was able to offer at a rate involving an actual loss on the cost of moving it from place to place. The railroads in fact did not prepare to handle the aggregated tonnage which such a rate produced, but in their short-sightedness were satisfied merely with throttling the means of water transportation.

Following the law, however, that both the value and amount of traffic increases in a direct ratio with the multiplication of means of economical transportation, it was soon discovered that if the canals and inland waterways were operated upon such a basis as to encourage their greatest possible use for transporting bulky low-priced freight, both the gross and net earnings of the railroads would be improved through large increases in the higher classes of productive traffic. The bulky commodities which constitute this form of traffic, and which are susceptible of economical transportation by water, comprise either the raw materials or partly finished products (the low transportation cost of which is essential to the industrial prosperity of the community), or the products of the soil, the saving in the transportation cost of which to the owner greatly increases the demand for the more highly productive transportation which the railroads have for sale. The benefit of water transportation is, therefore twofold, for the communal prosperity is in

direct proportion to the freedom and economy with which this class of freight can be moved, while the railroad is released from the burden which the increased movement of such traffic would throw upon it at an unremunerative rate, in the way of having to provide for additional equipment, often of a special nature, and of increased maintenance charges and operating expenses.

Co-ordinating Canals and Railroads.

In Belgium, as well as elsewhere on the continent, this class of freight is moved by the canals and improved waterways practically toll-free. What nominal charges are made are not more than sufficient to meet the actual cost of maintenance and operation; there is no purpose to make the waterways earn any returns whatever upon the capital invested, the fixed interest charges upon this account being met by the state and local authorities. Some idea of what this concession to the cost of moving traffic amounts to may be gathered from the fact that about \$100,000,000 have been spent on ports and canals in Belgium alone during the past twenty-five years. The great amount of this traffic and the economy with which it can be handled under these favorable circumstances constitute facts which in themselves challenge the good faith of the claims on the part of railroads that they can profitably compete in carrying this class of freight. The control that the government exercises over the regulation of rates charged by the barge owners and by the railroads makes the co-ordination in operation of these two distinct transportation agencies of the greatest economic value to the state and of the railroads, without in any way injuring the interests of either.

French Experience.

Next to Belgium and Holland, a larger proportion of the entire traffic of the country is moved by inland waterways in France than in any other country, and the amount so handled is said to reach twenty-five per cent of the whole. In France the railroads are largely owned by private capital, and years ago the enterprising traffic managers attempted to drive the canals out of business. They would have succeeded had not the government intervened and through an effective system of rate regulation protected the canals in the enjoyment of the business for which they are economically adapted. The Inland Waterways Commission says in regard to the French situation:

"There is a feeling that while the railroads probably could not in a comparatively few years, if permitted, take much of the traffic from the waterways, the result of such an encroachment would necessarily be to increase the cost of traffic as a whole. In the first place, like canals, all the other railroads in the world, at present the French lines find more trouble in moving the traffic than in offering to them the service of carrying the traffic to move. Consequently, a large proportion of the business now moved by water would be thrown upon the railroads, the facilities of the latter would soon prove utterly inadequate, and a great capital expenditure would be necessary to enable them to do the business. So that, in the aggregate, the cost of transportation is believed to be increased by the utilization of the railroads."

It is, therefore, seen that a system of inland waterways may be developed to the highest degree of economic efficiency and to the equal benefit of the state and of the railroads, whether the method adopted be public ownership or state regulation of rates.

From this hurried survey of the control and operation of the typical system of waterways in Belgium, where its influence is stamped not alone upon the progress of that country, but upon the commercial activities of the whole world—for Antwerp is the third largest seaport as much by reason of the industrial supremacy of Belgium, made possible by this canal system, as by the reason of the fact that it is the center of converging lines of commerce—we turn to the inviting prospect offered for the development of a like system of waterways in California.

The problem involved in bringing about an equitable adjustment of rates and a fair, though arbitrary, distribution of traffic between a system of free navigable rivers, canalized rivers and canals on the one hand, and the railroads on the other, will undoubtedly be more difficult of solution here than abroad; but the question raised thereby is fundamental, and it is idle to talk about the successful operation of a modern canal, or other inland waterways system, in competition with railroads without taking it into consideration.

California's Needs.

Under conditions unite in California to make the development of an inland waterways system a matter of absorbing interest. Where, as here, the demand for water for various industrial and commercial uses greatly exceeds any possible available future supply, both a just consideration of the value of the different uses and the necessity to secure co-operative effort on the part of the users require that attention be given to the development of a comprehensive project for the storage and distribution of all the water that is economically available for all uses. In this connection it is necessary to observe that the successful development of such a project will involve the co-ordinate determination of questions relating to drainage, control of floods and the storage and the distribution of flood waters for navigation, irrigation and domestic supply purposes, together with the utilization of power incidentally developed.

The total amount of service that can be obtained from water in California is not to be determined from a consideration of the aggregate run-off of flood water. It is possible to consider the flood waters to be double in volume on the one hand, or only one-half the amount they are known to be, and yet to realize that their service value depends wholly on the amount that can be economically saved by storage. Again, the economic storage of water for any particular use must depend wholly upon the value of the service of the water to that use, and yet again, the cost of storage of water for a particular use must depend to a large extent upon the kind and character of the credit supporting the capital requirements of the particular project.

Developing Storage.

Here in California, where the problem must ever be to develop the greatest amount of available storage, which

even then will be insufficient for all purposes, it is essential that each particular use should be led to expect to pay for the service of water its fair proportion of the value of storage, and then the inevitable result will be that the most expensive storage which is economically available will be developed by the higher-valued uses, and the relatively cheaper storage will be left to be utilized by the lower-valued uses.

Storage for navigation purposes would seem to be the lowest-valued use of the three—Irrigation, navigation and domestic supply; hence, if any plan for an inland waterway system is to be developed all other uses must be co-ordinated with it, or there will be great danger that its necessary supply of storage water will be entirely absorbed by storage projects for irrigation and domestic uses. The necessity for taking this comprehensive view of water storage in California is graphically illustrated by the fact that a movement to obtain congressional aid in behalf of the improvement and extension of navigation on the San Joaquin river was temporarily halted by the report of the United States engineers to the effect that the present water supply from the entire San Joaquin water-shed seemed to be insufficient for the combined uses of irrigation and navigation, and that in view of the present state of commerce, the former constituted the higher use and its water needs should be preferred. A survey, however, has been ordered for the purpose of determining the feasibility of making the river navigable as far as Herndon, of investigating the storage capacity of Tulare lake, and other cognate features of such a project, including that of determining the amount of the entire available economic storage for the flood waters of this water-shed. The work upon this survey, which is being undertaken at the joint expense of the United States and the State of California, will commence in November of his year, and it will take two years to complete the report. Until this report becomes available, it will be impossible to say what place in the water economy of the State any particular storage project bears to a comprehensive scheme for a co-ordinate use of all available storage water for irrigation, navigation and domestic supply purposes.

Storage and Costs.

Any project which includes a plan for the extension of navigation in the San Joaquin valley is of such broad significance both to the State at large and to the port of San Francisco that the most careful consideration must be paid to the effect which any draught the city may make upon Sierra Nevada mountain sources for its domestic supply will have upon diminishing the amount of economical storage that is available for navigation uses. The necessity for reserving low-cost storage for navigation is obvious, and if, upon subsequent investigation, it should be found that the Hetch Hetchy storage is the cheapest per unit of water stored and has been definitely appropriated by the city of San Francisco for domestic supply purposes to the exclusion of other storage economically suitable for that purpose, a double sword thrust into the very bowels of a comprehensive project for water con-

servation for California will have been given; for such action will involve an unnecessary utilization of the cheapest storage for the highest-valued use and the consequent waste of the whole economical value of the more expensive storage.

What has just been said with respect to the city's interest in developing an increased supply of cheap water for navigation uses, applies a veil to its interest in the storage of cheap water for irrigation purposes, and it will still be considered by some to be a vital question whether the annual production from 150,000 to 200,000 acres of irrigated lands in the San Joaquin valley is not worth more to San Francisco than the annual interest on \$20,000,000.

In anticipation of the highest productive development to which the valleys of the Sacramento and San Joaquin rivers may be brought, it may be well always to remember that the high cost of railroad terminals in San Francisco will operate in the future as an effective barrier to the building of short valley lines in competition with existing railroads. The improvement of these rivers and the building of an adequate canal system in connection therewith, presents the only ultimate solution of the problem involved in the movement of the products of the interior to tide water at San Francisco at the lowest transportation cost.

Public and Private Construction.

It is recognized that this is neither the time nor the place for putting forward any specific plan for the organization and construction of the canal project but when that time arrives consideration should be given to certain facts which past experience in the construction and operation of canals has developed. We have seen that in the experience of continental Europe, a system of inland waterways is most effective, if not practical, only when publicly owned and operated toll-free, or substantially so, and it may be here said that tolls on the Erie canal were abolished in 1852. It has not been possible for me to determine the circumstances under which the canal and river improvements in Belgium were made, but we may assume that the construction work was done under public supervision and control. It is a well-known fact that European governments are competent to engage directly in these large construction enterprises with the confident expectation of obtaining satisfactory results. Unfortunately, outside of works prosecuted by or under the supervision of United States army engineers, this has not been true here, and it is a notorious fact that public work is uniformly poor in quality and done at an excessive cost. Canals particularly are not adapted to construction through the agency of municipal corporations, for the reason that the latter are unable to proceed with the plans for the system and with the pioneer work of securing right-of-way and terminal facilities free from the interference of the railroads and other competitive interests, and without having to pay the additional values which the very fact of the improvement confers upon the property that must be secured as the work proceeds. In other words, canal building by its nature requires the same covert work that is essential to the successful organization and development of a competitive railroad project. The fail-

ure to realize these facts is, no doubt, an explanation for the great discrepancy between the estimates of engineers and the cost of the completed work in the construction of the New York canals, where, in nearly every instance, the cost of the canals has exceeded estimates by one hundred per cent or more. No plan for the construction of a California canal project that does not anticipate the necessity for doing the preliminary physical and financial engineering and organization work on camera can hope to be immediately successful or reasonably economical.

A FEW SIDE-LIGHTS ON COST KEEP- ING

The development of a logical system of cost accounting will bring out many points in the distribution of expense never thought of before by the manufacturer. Also, will be the means of fixing responsibility with precision where it has been shirked heretofore.

Let us take that particular class of expense due to error and see if we can properly place it in the scheme of cost and of profit and loss. I begin with the proposition that mistakes are not always a loss, but that they are in the main. For instance, it frequently occurs that in a job of mill work more items are included than it is necessary to furnish. In case of blanket bids the buyer has no means of knowing this, and the amount saved in this way constitutes an abnormal profit on the item in which it occurs. Perhaps we figure a lot of twenty doors to be furnished and later find that five of them are metal doors and not included in the regular mill work. Now if we put the price for the twenty doors figured on the fifteen doors actually made, we have no check on the legitimate profit on the work except as we keep in mind the circumstance of the extra price included.

Let us now look at the other side of the question and see what happens when we figure fifteen doors and find that we must furnish twenty under our blanket bid. If we put down the price of fifteen doors, and against that the cost of making twenty, we will show an abnormal loss and will be no nearer the truth than we were in the former case.

It is contended by a few experienced accountants that all losses due to error should be charged to overhead expense. After careful consideration I believe this is the proper course, but go a step farther and say that all gains from the same source should be credited to overhead, thus offsetting in a measure the loss from error.

The only reason for separating the error profit or loss from the analysis of the job is to preserve a reliable check on the cost of the various classes of items. If the balance of profit or loss due to error is in the overhead allowance added to all work, then each job will bear its share of the year's burden. But if the errors are charged or credited to each class of work as they occur, we find that the cost per unit will be either above or below normal.

Of course, it is a great deal easier to control the record of error in the estimating and listing of a job than it is after the work has been put into the mill under its proper order number. And for several reasons it is hard to

always get the proper time and material reported in the handling of errors which arise from faults of the workmen.

It is a practice of a good cost system to figure the cost per unit the same as estimated per unit, and multiply by the number of units required on the job, regardless of the number estimated. The time and material sheets will show the cost per item and the profit or loss, as the case may be, and in a shape that will be of value in making future prices. If the profit or loss due to error is handled with the job, it will be taken care of in the final or summary sheet, while if it is thrown into the overhead account it will affect the monthly or yearly balance of that account, as the case may be.

It would seem that when we go into the analysis of business there are many things we have a ways considered simple and clear, which become obscured when we attempt to isolate them from their neighbors and put them in a class by themselves. And it is along this line of thought we intercept some queer ideas about this ever-present, ever-fascinating, never-understood subject of error.

We not only do not know why we make mistakes at all, but we are not certain about whether many of our acts are mistakes or not. We have the general impression that mistakes are bad, and it is a sorry fact too. But all mistakes are not bad for the man who makes them, as in the case where we figure more than we have to furnish. And it is in regard to this latter point, incidentally I wish to cite one of the doubtful cases of error.

Not long ago a large factory received in order for the mill work for a large office building to be finished in quartered white oak. In the estimate that secured the business the current price of quartered white oak was used as a basis of figuring. However, when it came to buying the material, the manager was able to buy two carloads of quartered white oak strips, from 2 1/2" wide up to 6-in., at a price about \$2.00 per thousand less than the market. And this was not all of the saving, for the strips were so full in width that heavy the whole lot made moldings and casings the scheduled width of the boards thus eliminating 75 per cent of the regular addition for waste.

Of course there was no mistake in the part of the management in buying the lumber at the price indicated, but the point involved is that of an abnormally low cost. If the lumber had been bought as figured in the estimate, the result would have been the same and a large number of openings omitted and we would have said that the amount representing the omitted work should have been credited to overhead on account of error. And the value of the cost figures on this job of trim would be very doubtful, as it might not be possible to duplicate this buying order. We are apt to forget the circumstances contributing to the low cost, and some time in the future, when we are sure of hard competition, place our estimate below the danger mark.

So we are rather forced to the conclusion that from a cost standpoint it is as much an error to make too much money as it is to make too little. But as the former mistakes are not laid up against us at all and the latter always

are, we naturally get the impression below the danger mark.

It has been suggested that a separate account be carried to determine the cost of errors, but it would be almost certain to add to the expense of the business instead of making it less. Besides this, the owners of the business would feel better if they did not know the full extent of this loss, for, like the men, they forget the gains of error and dwell upon the losses.

COMPANIONSHIP OF AN OPEN FIRE.

It is at night that the camp truly invites, and this by reason of the open fire, which is possessed of so companionable a quality that one would light it merely for the society it affords. When by chance the fire in the Temple of Vesta was extinguished, all business had to stop; the connection between heaven and earth was broken and must be restored. Something has gone out of the room when the hearth is bare, a genial presence indeed, but one that can be recalled—and so many have gone out that can never be recalled to an earthly campfire. A fire sings and talks and has solaced me on how many Western mountains and in how many Eastern woods! I summon the spirit of fire, wherever it may be, on the desert or by the lake; the companionable spirit obeys, and from the moment of its appearance I am no longer alone. It is perhaps not strange, then, that the campfire should seem a veritable being, seeing that this spirit has been friendly from my earliest years and has never failed to appear, wearing always the same genial face. Other friends die or change, but this one dies only to be born again and is ever the same, whether a hearth or a camp kettle invites his presence.—From "North and South," Stanton Davis Kirkham, published by Putmans.

THE BUSIEST RAILROAD TERMINAL.

To the Editor of the Scientific American: A paragraph in Engineering Notes in the October 18th number, gives the impression that the busiest railroad terminal in America is the South Station at Boston, with 35,411,507 passengers in and out.

It will probably surprise most of your readers to learn that the "Busiest Terminal in America" is not in Boston, nor in New York, nor yet in Chicago, but is in fact on the other side of the continent entirely.

The business of the Union Ferry Depot at San Francisco surpasses even that of the South Station at Boston by over a million and a half a year.

San Francisco is so situated that nearly all passengers reaching the city are compelled to do so over the ferry lines of the various railroads, all landing at the Union Ferry Depot.

For the fiscal year ending June 30th, 1913, the official figures give a total number of passengers handled as 39,555,573 distributed as follows:

Southern Pacific Co.....	19,340,227
San Francisco-Oakland Terminal Railways.....	14,497,503
Western Pacific Railway....	89,362
Santa Fe	299,987
Northwestern Pacific	5,334,566
Monticello Steamship Co....	483,988

Total 39,555,573
Oakland, Cal. EDW. G. MERWIN.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, G. Podesta. The building will be erected on the east side of Polk street near Clay and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. All bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architects, Fabre and Bearwald, Merchants' National Bank Bldg., S. F. Owner, A. Artru. The building has been designed to contain a number of two and three room suites and will be erected on Pacific avenue near Jones. All suites will have connecting baths and wall beds. Interior finish will be of pine with elm panels and oak floors in the living and dining rooms. Plans provide for steam heat, a hot water system and vacuum cleaning. An automatic elevator will be installed. Bath rooms will be finished in tile with composition floors. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are now being figured.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District and has been designed to contain a number of large suites ranging from five to seven rooms. Interiors will be handsomely finished in pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for steam heat, hot water system and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. All apartments will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building will have a brick veneer base and will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel, \$35,000. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, Talbot Investment Co. This building, which has been mentioned here before, will be erected on the north side of Mission street between Seventh and Eighth streets. The lot has a frontage of 37½ feet and a depth of 120 feet. There will be a number of stores on the first floor. Upper two floors will be arranged for apartments of two and three rooms with private bath and wall beds. Interior finish will be largely of pine. Plans provide for steam heat and a hot water system. Stores will have large

plate glass windows and patent store fronts. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Apartment house, 2 story and base, frame and concrete, \$32,000. Architect, none. Owner, E. M. Rasmussen, 277 Peerless Place, Portland. The building will be erected on 23rd street near Sandy and will have a street frontage of 56 feet by a depth of 96 feet. Interior will be arranged for suites of two and three rooms with baths and wall beds. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and subcontracts are now being let by the owner.

BRIDGES AND DAMS.

SEATTLE, WASH.—Tunnel and shaft construction, \$300,000. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids will soon be called for the construction of a 1200 ft. tunnel 12 ft. in diameter under Lake Union from Northlake to Southlake at a cost of \$300,000 which includes the cost of construction of two 150 ft. shafts 16 ft. in diameter. Bids for the shafts which were opened recently have been rejected and new bids will be figured on a basis of construction to two different levels and price for both shafts and tunnel.

SHELDON, WASH.—Dam, earth and concrete. Cost not stated. Engineer, City Engineer, Sheldon. Owners, City of Sheldon. Plans have been completed and figures are now being taken for a dam for the municipal water system at Sheldon. Bids will be opened by the City Council on January 15th. Plans and specifications can be secured from the City Clerk, P. D. Fairch, Sheldon.

CHURCHES.

SAN FRANCISCO—Church, 2 story and base, frame, \$15,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, African M. E. Church. This work has been mentioned here before when the architect was first commissioned to prepare the plans. The building has been designed in the Mission style and will contain, besides the main auditorium, a Sunday School room, pastor's study and social rooms. Interior finish will be of pine and redwood. There will be a central heating system. A clay tile roof will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Church, 1 story and base, frame, \$5,000. Architects, Swartz, Hotchkin and Swartz, Rowell Bldg., Fresno. Owners, Catholic Church of Lanara. The building will contain a main auditorium and Sunday School rooms. Interior will be finished in pine and redwood. Plans

provide for furnace heat. Exterior of the building will be faced with resawed rustic. Plans are being prepared and figures will be called for shortly.

Contracts Awarded.

SEATTLE, WASH. — Synagogue, 2 story and base, brick and steel, \$32,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owners, Cheva Bkour Cholum. Contractors, Western Engineering Co., 503 Railroad avenue, Seattle. Contract price, \$32,000.

COURT HOUSES.

FRESNO, FRESNO CO., CAL.—Hall of Records, 2 story and base, Class A construction, \$100,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, Fresno County. The Grand Jury has recommended that the plans of Architect Mathewson be adopted for the new Hall of Records. His design shows a classic building with eight large stone columns across the front. Entrance will be finished in marble and tile. The first floor will contain offices of the County Auditor and Assessor and the entire second floor has been given over to the County Recorder. Construction will be fireproof, with exterior walls and floors of reinforced concrete and interior partitions of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwood and metal. Metal furniture and metal window sash and frames are specified. There will be steam heat, oil burning system and vacuum cleaning plant. An additional \$30,000 is to be spent in furnishings. Plans are being prepared.

FACTORIES & WAREHOUSES.

SAN FRANCISCO — Ice storage plant, 4 story and base, brick and steel. Cost not stated. Engineer, Charles Wallace, Postal Telegraph Bldg., S. F. Owners, National Ice and Cold Storage Co. The building will be erected at the southwest corner of Union and Battery streets and will cover an area of 90 by 120 feet. Construction will be of the extra heavy type. No interior finish will be specified. Plans provide for elevator service, special ice and cold storage machinery, metal window sash and frames. Exterior will be faced with stock brick. A contract for the structural steel has been awarded to the Vulcan Iron Works at \$20,660. Figures are now being taken on the various parts of the work.

SEATTLE, WASH.—Grain elevator, reinforced concrete construction. Cost not stated. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. At a special meeting of the Port of Seattle Commission a resolution was passed directing the engineer to prepare plans for a grain elevator to be erected in the East Waterway. The structure is to have a capacity of 500,000 bushels and is to be fireproof. No estimate of the cost or structural details can be given at this time. Further mention will be made of the work as plans progress.

Contracts Awarded.

SAN FRANCISCO—Warehouses, 2 3-story and base, reinforced concrete, \$118,456. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. M. Fisher was awarded the general con-

tract at \$118,456. The deductions were made from Mr. Fisher's bid as follows: Cement gun finish, \$1404; shed \$11,023; and flat slab, \$2,700. F. Scott was awarded the plumbing at \$5565. The Globe Electric Co. was awarded the wiring at \$4200 and the Haslett Warehouse Co. the spiral chute at \$1575. All bids received for the elevator work have been rejected and new figures will be called.

FRESNO, FRESNO CO., CAL.—Laundry, 1 story and base, brick, \$20,000. Architect, R. L. Felchin, Fresno. Owners, Fresno Steam Laundry. Contractor, Emmett Riggins, Fresno. Contract price, \$20,000.

FIRE HOUSES.

BERKELEY, ALAMEDA CO., CAL.—Fire house, 2 story and base, reinforced concrete, \$25,000. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. The building will be erected on the north side of Durant street near Shattuck avenue. Construction will be of reinforced concrete throughout. The first floor will contain apparatus room, office and repair shop. Upper floor has been arranged for the men's sleeping rooms, reading room and card room. Interior finish will be of pine and hardwood. Special electric and plumbing goods will be called for. Plans provide for steam heat. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and out for figures. Bids will be opened on December 23rd.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, G. Roscelli. The building has been designed to contain four small flats of four and five rooms. Interiors will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, Charles Pantoni, 916 Kearny street, S. F. Owner, Angelina Cesana. The building will be erected on the west side of Mason street north of Pacific covering an area of 23 by 75 feet. There will be three flats of four and five rooms. Interior will be finished in pine and redwood with some elm panels and oak floors. Each living room will have an open fire place and tile mantel. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Tile will be used in the entrance vestibules. Exterior of the building will be covered with rustic and shiplap. A brick veneer base will be used. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, E. H. Kuhlman, 1108 Steiner street, S. F. The building has been designed to contain two flats of five and six rooms and will be erected on Eureka street south of 22nd. Interiors will be finished in pine throughout. Oak floors will be used in the living

and dining rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FRESNO, FRESNO CO., CAL.—Flats, 2 story and base, frame, \$7,000. Architects, Smith, Stewart and Glass, Republican Bldg., Fresno, and 244 Kearny street, S. F. Owner, George Shorling. The building will be erected at the corner of H and Stanislaus streets and will contain four modern residential flats. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Each flat will have an open air sleeping porch. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Exterior will be covered with rustic. Plans are complete and figures are being taken.

GARAGES.

SEATTLE, WASH.—Garage, saucer track and grand stand, concrete and frame construction, \$75,000. Architect, Julian Everett, Walker Bldg., Seattle. Owners, Seattle Motor Speedway Association. These buildings will be erected at the Renton Junction Track and will consist of a large fireproof garage, machine shop and repair department. A saucer track and large grand stands are also contemplated. Preliminary plans have been approved but money is not yet available for construction. Further mention will be made of the work as the plans progress.

GOVERNMENT WORK AND SUPPLIES.

Dry Dock at Hunters Point.

The secretary of the navy has recommended that there be included in the naval appropriation act for the next fiscal year a provision authorizing him to enter into a contract for the use by the government of the dry docks at Hunters Point and San Francisco, Cal. It is to be stipulated that one of the docks shall be capable of docking the largest vessel that can be passed through the locks of the Panama Canal, and the contract to be entered into is to run for a period not to exceed six years from the completion of such a dock. It is proposed that the construction of the large dock shall be undertaken immediately upon entering into the contract and that it will be completed within 24 months. The annual rental is placed at \$50,000. The government would, of course, reserve prior and paramount use of these docks in time of war. It is also suggested that a provision be inserted providing for docking rates not in excess of commercial rates and for such other conditions as may be prescribed by the secretary of the navy prior to entering into the contract. The fact that the large battleships of the Navy are unable to make use of the facilities at Mare Island renders it imperative for the government to make some temporary provision for docking and repairs at San Francisco. At present it is necessary to send the large ships to Puget Sound for overhauling.

Service Gates, Elephant Butte.

The secretary of the interior has authorized the reclamation service to execute contract with the Coffin Valve Company, of Neponset, Mass., for furnishing service gates for the Elephant Butte dam, Rio Grande irrigation project, New Mexico. The contract price is \$23,248. The elephant Butte dam is one of the largest structures of the reclamation service, having a height of 300 feet and a length on top of 1,500 feet. The reservoir created by this dam will cover 67½ square miles, and will contain 560,000,000 gallons of water when full. It will be the largest storage reservoir in the world, with a storage capacity nearly a third greater than that of the Assuan dam, in Egypt. The structure will cost nearly \$5,000,000 and will provide water for 180,000 acres of land in the Rio Grande Valley. A considerable portion of this land has been under irrigation for several hundred years, and some of the old ditches of the Pueblo Indians are still in use.

Kuahuu, H. T., Naval Magazine.

The following bid was received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., December 6, for the marine guard at the U. S. naval magazine, Kuahuu, H. T.:

Item 1, work, complete; 2, do, reducing building by 6 ft and reducing length of porch; 3, deduct from items 1 and 2 for omitting interior stain and floor finish; 4, deduct from 1 and 2 for omitting copper ventilators.

The Lord-Young Engineering Co., Ltd., Honolulu, H. T., Item 1, \$4,400; 2, \$3,650; 3, \$80; 4, \$80.

PROSPECTIVE BIDDERS. Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms: Brigham City, Utah, Construction, January 2.

Campbell Building Co., Salt Lake City, Utah.

The George Hinchiff Co., Security Building, Chicago, Ill.

Kling Lumber Co., Charlottesville, Va. W. C. Boyer, P. O. Box 91, Grand Junction, Colo.

J. H. Wiese, City National Bank Building, Omaha, Neb.

Parrott Bros. Co., 365 Newhouse Building, Salt Lake City, Utah.

Duquoin, Ill., Construction, December 19 W. M. Allen Son & Co., Woolner Building, Peoria, Ill.

N. H. Shields, 715 Baum Building, Danville, Ill.

Mississippi Valley Construction Co., De Menil Building, St. Louis, Mo.

George W. Stiles Construction Co., Hookery Building, Chicago, Ill.

King Lumber Co., Charlottesville, Va. Rogers & Kaiser, People's Gas Building, Chicago, Ill.

V. E. Taylor, Marshall Mo.

Thomas W. Cissel, Wooster, Ohio.

James Corse, Racine, Wis.

H. S. Moore, Lafayette, Ind.

Stauffer Construction Co., Peabody, Kans.

Callahan-Mandi Co., 9 S. La Salle street, Chicago, Ill.

Northern Construction Co., 421 Milwaukee street, Milwaukee, Wis.

The Frazier-Evans Construction Co., Weylman Building, Philadelphia, Pa.

Blackhawk Construction Co., Freeport, Ill.

Woerman Construction Co., 513 Century Building, St. Louis, Mo.

Grand Junction, Colo., Construction, January 6.

J. H. Wiese, City National Bank Building, Omaha, Neb.

King Lumber Co., Charlottesville, Va.

Hilo, Hawaii, Construction, January 15.

Sound Construction and Engineering Co., 1007 Lowman Building, Seattle, Wash.

J. E. & L. A. Pennock, Land Title Building, Philadelphia, Pa.

Henry D. Whitfield, 160 Fifth avenue, New York City.

W. N. Concannon, Monadnock Building, San Francisco, Cal.

Southwestern Construction Co., Central Building, Los Angeles, Cal.

Grant Fee, 2410 16th street, San Francisco, Cal.

Spalding Construction Co., Grant avenue and Bush street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

A. L. Young Machinery Co., San Francisco, Cal.

George Marshall, Hotel Sutter, San Francisco, Cal.

Lord-Young Engineering Co., Ltd., Honolulu, H. T.

American Building Co., 1510 Penn Building, Philadelphia, Pa.

Honolulu, H. T., Alterations.

The following bids were received recently by the custodian, U. S. post office, Honolulu, for making miscellaneous alterations at the U. S. post office, Honolulu, H. T.:

Honolulu Planing Mill, Ltd., Honolulu, H. T., \$1,140.

Lord-Young Engineering Co., Ltd., Honolulu, \$700.

Needle Regulating Valves.

The secretary of the interior has authorized the reclamation service to execute contract with the Pittsburgh Valve Foundry and Construction Company, of Pittsburgh, Pa., for furnishing needle regulating valves for the Minittare dam, North Platte irrigation project, Nebraska. The contract price is \$1,528.

The irrigation plan of the North Platte project provides for the storage of the flood waters of North Platte river by the Pathfinder dam, about three miles below the junction of the North Platte and Sweetwater rivers, in Wyoming, and in smaller reservoirs along the canal lines. Minittare dam, which impounds the waters in one of these small reservoirs, is a structure 65 feet high, 2,370 feet long along its crest, and will have a volume of 570,000 cubic yards.

The North Platte project includes 129,276 acres of irrigable land, the greater part of which is in Nebraska.

San Francisco, Cal., Subtreasury.

The American District Telegraph Co. has been approved as manufacturer of vault-protection system to be installed in the San Francisco subtreasury, for which Grant Fee, San Francisco, Cal., has the contract.

Reducing Elbow.

The following bids were opened under advertisement No. 253, at the office of the U. S. reclamation service, Los Angeles, Cal., for one reducing elbow, Salt river project:

Union Machine Co., San Francisco,

Cal., \$66; 10 days; at San Francisco; \$10 lbs.

Fulton Engine Works, Los Angeles, Cal., \$72; 20 days; Los Angeles; 850 lbs.

Advance Machine Co., Los Angeles, Cal., \$85; 15 days; at Los Angeles; 750 lbs.

Lewellyn Iron Works, Los Angeles, Cal., \$110; 10 days; at Los Angeles; 750 lbs.

Byron Jackson Iron Works, Los Angeles, Cal., \$120; 14 days; at West Berkeley, Cal., 1,320 lbs.

Baker Iron Works, Los Angeles, Cal., \$125; at Los Angeles; no time; 800 lbs.

Gasoline-Motor Outfit.

The following bids were opened at the U. S. reclamation service, Los Angeles, Cal., under advertisement No. 252, for furnishing gasoline-motor automobile-type outfit for gate operation:

Wisconsin Motor Mfg. Co., Milwaukee, Wis., \$269; 15 days; at Milwaukee.

Light Inspection Car Co., Hagers-town, Ind., \$300; 15 days.

Beaver Mfg. Co., Milwaukee, Wis., \$417; at Milwaukee; no time.

Standardizing Public Buildings.

Congress shortly will have an opportunity to digest some suggestions, made in accordance with its own command, for a reduction in government expenses by the adoption of a standard system for public buildings. Treasury officials have been at work for several months on a preliminary report to the public building commission, authorized by Congress and composed of the secretary of the treasury, the postmaster general and the attorney general and two members of the Senate and House committees in charge of public buildings.

The commission was created to work out and approve some system by which a standard could be formed for public buildings, so that cities of a certain size should get a prescribed size of buildings. By its adoption, it was argued, the necessity for drawing plans for every new building would be eliminated, the expense of the upkeep and the supervising architect's office would be lessened, and the actual time consumed between the authorization of a building and its completion would be greatly diminished.

At present the supervising architect's office is six years behind in its work. This is due, it is claimed, largely to the fact that Congress lopped off about 80 positions in that office several years ago.

A suggestion which may ultimately be made to Congress, which probably will meet with less favor than standardization, would put public building bills on somewhat the same plane as bills for the improvement of rivers and harbors. It would mean that while Congress would authorize a public building at a certain place a report on the amount that should be expended there would be forthcoming from the public buildings commission.

Congress is now appropriating between \$25,000,000 and \$40,000,000 each year for public buildings.

Pearl Harbor, H. T., Structural Steel.

The contract for furnishing structural steel for the coaling plant at the U. S. naval station, Pearl Harbor, H. T. bids for which were opened November 1, has been awarded to the U. S. Steel Products Co., New York City, at \$156,785.

Pearl Harbor, Tank and Tower.

The contract for furnishing a 250,000-gal. tank and tower for the U. S. naval station, Pearl Harbor, H. T., bids for which were opened December 15, has been awarded to the Des Moines Bridge & Iron Co., Pittsburgh, Pa., at \$13,850.

Salt Lake City, Utah, Files, Etc.

The contract for furnishing filing and book cases, U. S. post office, Salt Lake City, Utah, has been awarded to Globe-Vernice Co. at \$881.35.

North Yakima, Wash., Painting.

The contract for painting plastering in the U. S. post office building, North Yakima, Wash., has been awarded to J. V. Whitehair, North Yakima, Wash., at \$2,670; time 120 days.

HALLS & SOCIETY BLDGS.

SAN FRANCISCO—Club House addition, 3 story and base, Class B construction, \$75,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. The new portion of the building will be erected on property at the southeast corner of Post and Van Ness avenue adjoining the present building. Design and construction will be similar to the old building. The new portion will be arranged for social rooms, dining room and living apartments. There will be a steel frame with exterior walls faced with Colusa sandstone, interior partitions of metal lath and plaster and metal window sash and frames. Interior finish will be of pine and hardwoods. The present steam heating system will be extended to the new portion of the building and a vacuum cleaning system will be installed. Plans are being prepared.

SAN FRANCISCO—City Hall work, brick and terra cotta facing. Cost not stated. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for brick and terra cotta facing for two large courts in the new City Hall show Boyd, Keer & McLean low on both propositions as follows: Prop. A, \$29,965, and Prop. B, \$12,100. A complete list of the bids received will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Lodge rooms, 3 story and base, brick and steel, \$75,000. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, San Francisco Labor Council Hall Association. This building has been mentioned here a number of times before when the architects were preparing plans. Working drawings are now complete and figures are being taken. The building will be erected on property at the northeast corner of Capp and 16th streets, covering an area of 81 by 100 feet. The entire building will be devoted to the use of the council. Plans show metal window sash and frames. There will be steam heat, a vacuum cleaning system and other modern conveniences. Entrance will be finished in cut stone. Exterior of the building will be faced with pressed brick and terra cotta.

OAKLAND, CAL.—Electric clock system. Cost not stated. Architects, Palmer and Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids are now being called

for the installation of an electric clock system in the new City Hall. Plans can be secured from the City Clerk. Bids will be opened on January 8th. An official proposal appears under another heading in this issue.

Contracts Awarded.

PORTERVILLE, TULARE CO., CAL.—Lodge hall, 3 story and base, brick. Cost not stated. Architect, Joseph L. Roberts, Monache Bldg., Porterville. Owners, Porterville Odd Fellows' Hall Association, Contractor, A. L. Laidlow, Porterville. Contract price not stated.

BAKERSFIELD, KERN CO., CAL.—City hall alterations, 2 story and base, brick, \$26,050. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Yancey & Rodgers, 1933 Chester avenue, Bakersfield. Contract price, \$26,050.

HOSPITALS

NAPA, NAPA CO., CAL.—Hospital cottage, 1 story and base, frame. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans for female cottages, Dozier, are complete and figures are now being called. Bids will be opened on January 11th. Plans and specifications can be secured from the office of the State Engineer at Sacramento. An official proposal appears under another heading in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 8 or ten story and base, Class A construction. Cost not stated. Architect, Washington J. Miller, 45 Kearny street, S. F. Owner's name withheld. A report is current in real estate circles that large eastern hotel capital is interested in the northeast corner of Ellis and Mason streets, the old Y. M. C. A. site. Architect Washington J. Miller is preparing preliminary plans for a large Class A hotel building. A representative of the eastern capital is now in the city and these plans will be submitted to him for approval.

SAN FRANCISCO—Hotel, 3 story and base, reinforced concrete, \$25,000. Architect, August Nordlin, Mills Bldg., S. F. Owner's name withheld. This building will be erected on Mission street near 18th and has been designed with stores on the first floor and a number of guest rooms above. Interior finish will be of pine and redwood. A number of the rooms will have private baths. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. The stores will be provided with patent fronts and plate glass windows. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel completion, 6 story and base, brick and steel construction. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Downtown Realty Co. The upper floors which are to be completed will contain over 150 guest rooms. The work will include plastering, plumbing, electric work, interior finish, marble and tile work. Money has been secured and mechanics liens amounting to nearly \$15,000 will be paid. Plans are now being prepared.

SAN FRANCISCO—Hotel, 3 or 4

story and base, fireproof construction. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Inside Inn Co., Holbrook Bldg., S. F. It is reported that the designs of Architect Edward T. Foulkes have been selected by the Inside Inn. The building will contain a total of 2500 guest rooms. The building surmounts a terrace, beneath which is to be a bandstand. The building will be in the Panama-Pacific Exposition grounds.

FAIRFIELD, SOLANO CO., CAL.—Hotel, 4 story and base, reinforced concrete, \$75,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Fairfield Hotel Co. The building will be arranged for stores on the first floor besides the hotel lobby, dining room and office. Upper floors will be subdivided into about 100 guest rooms and a number of baths. Interfinish will be of pine with some hardwood. Construction will be fireproof with exterior walls of reinforced concrete and metal lath and plaster interior partitions. Plans provide for steam heat, elevator service, a hot water plant and vacuum cleaning. Bath rooms will have tile floors and wainscot. Exterior will be faced with cement plaster. Plans are nearly complete and figures will shortly be taken.

FRESNO, FRESNO CO., CAL.—Hotel, 2 story and base, brick, \$10,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Herman Granz. The building will be erected at the corner of Inyo and I streets covering a ground area of 100 by 140 feet. There will be seven stores on the first floor besides the hotel entrance and lobby. Upper floors will contain about fifty guest rooms and a number of public and private baths. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Stores will have large plate glass windows and patent store fronts. Exterior will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 13 story and base, Class A construction. Cost not stated. Architect, Lyman W. Farwell, Story Bldg., L. A. Owners, Ira W. Burne and Frank L. Spaulding. The building will be erected at the intersection of New High, Spring and Franklin streets covering an area of 120 by 128 feet. Construction will be of the Class A type throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. There will be a total of 700 guest rooms nearly all of which will have private baths. Reception halls and parlors have been provided for on each floor. Main floor will contain the general offices, lobby, parlors, dining rooms and stores. Marble and tile will be used in the corridors. Plans provide for steam heat, vacuum cleaning, hot water system and six elevators. Metal window sash and frames are specified. Exterior of the building will be faced with tile and terra cotta. Plans are being prepared.

SEATTLE, WASH.—Hotel, 6 story and base, brick and steel, \$60,000. Architect, John Graham, Lynn Bldg., Seattle. Owner, P. J. Murphy. The building will be erected at the corner of 6th avenue and Jackson street and will cover an area of 60 by 120 feet. Several stores and the main office and

hotel lobby will occupy the first floor. Upper floors will be subdivided into a total of 130 guest rooms and a number of public and private baths. Metal window sash and frames and some marble and tile work will be specified. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction, \$43,000. Architect, E. B. Rust, Title Insurance Bldg., L. A. Owner, C. A. Mathewson. Contractor, John Herington, 650 Hawthorne ave., L. A. Contract price, \$43,000.

LIBRARIES.

SACRAMENTO, CAL.—Library, 2 story and base, Class A construction. Cost not stated. Engineer, Givan, City Engineer, Sacramento. Engineer Givan has prepared preliminary plans for the new building which is to be erected by the Carnegie Association in Sacramento. These plans have been forwarded to New York for the approval of the association. The exact location and further information relative to the building will be published later.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Concession Exhibit, frame construction, \$250,000. Architect, Frederick Thompson, Exposition Grounds, S. F. Owners, Union Pacific Railroad. Plans for one of the largest concessions which will be constructed at the Panama-Pacific International Exposition are nearly complete. This concession will represent the Yellowstone Park in miniature and will cover an area of 150 by 350 feet. The greater part of this work will be of frame and plaster staff construction but some concrete will be used. Bids will be called for about January 1st. Full particulars can be secured from Mr. Thompson.

SAN FRANCISCO—Sewer construction. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Figures are now being called for the installation and construction of sewers in the Court of Palms and the Court of the Four Seasons. Bids will be opened on December 26th. Plans and specifications and full particulars can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Automatic sprinkler systems. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on January 2nd for furnishing and installing automatic sprinkler systems in the Education Building, Manufactures Building, Transportation Building, Food Products Building, Liberal Arts Building, Agriculture Building, Mines Building and Varied Arts Building. Plans have been completed and approved and can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Electric Work. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the electric work in the Education Building, Liberal Arts, Food Products and Agriculture Buildings have been completed and approved. Bids on the work are now being called for and will be opened on January 2nd. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Sewers, etc. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific Exposition Co. Plans for the installation of sewers in the Ferry Building, Garden and Service Road South of Machinery Hall have been completed and are now out for figures. Bids for this work will be opened on January 2. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

Contracts Awarded.

SAN FRANCISCO—State Exhibit building, frame construction, \$17,000. Architects, Wayland and Fennell, Boise, Idaho. Owners, State of Idaho. Contractors, Story & Salih, Boise, Idaho. Contract price, \$17,000.

POST OFFICES.

CHICO, BUTTE CO., CAL.—Postoffice, 2 story and base, brick and steel, \$75,000. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are nearly complete for the new Federal Building to be erected in Chico. The structure will be practically fireproof and will cover a ground area of approximately 7,500 square feet. Interior finish will be of pine, hardwood and metal. There will be steam heat. Exterior will be faced with pressed brick and terra cotta. Plans will be forwarded to this coast not later than Feb. 10th. An official proposal will be published in these columns.

POCATELLO, IDAHO.—Post office, 2 story and base, brick and stone. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. H. E. Doering, 568 Maple street, Portland, submitted the lowest figures for the construction of the Federal Building at Pocatello. His bid for this work was \$93,171 for limestone and \$94,218 for sandstone. A contract has not been awarded.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Car barns, 1 story and base, reinforced concrete, \$60,000. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. An addition to the Geary Street car barns has been ordered and the architectural department has started working drawings. The building will be of reinforced concrete type throughout. There will be concrete floor, metal window sash and frames and special tank equipment. No interior finish will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Shop repairs, frame construction, \$5,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific R. R. Co. Plans are now out for figures for repairs to the carpenter shop and other buildings of the Southern Pacific Co. recently damaged by fire. These buildings are located at Kentucky and Daggett streets. Bids are being taken by the Engineering Department of the company.

OAKLAND, CAL.—Railroad shed, 1 and 2 story, galvanized iron. Cost not stated. Architect, G. W. Harris, 6th and Main streets, L. A. Owners, Santa Fe Railroad. This building is to be erected on the Oakland Water Front covering an area of 200 by 50 feet. Interior will be left unfinished. Exterior will be covered with galvanized iron. Plans are completed and figures are being taken by the company.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$15,000. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner, John McGaw. The dwelling will be erected on the north side of Green street west of Jones and has been designed to contain eight rooms and two baths. Interior finish will be of pine and hardwood with white enamel in the bed rooms. There will be furnace heat, open fire places and a vacuum cleaning system. Hardwood floors will be used in the living room, dining room and reception hall. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling will be erected on 12th avenue near Anza and will contain six rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. Living room will have a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residences, 2 2-story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the east line of 16th avenue south of California and each has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood veneer in the living and dining rooms. Oak floors will be used in the principal rooms. There will be large open fire places and brick or tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. The work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, none. Owner, H. Davenport,

Commercial Bldg., Oakland. The dwelling will be erected on Shafter avenue and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1-500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, W. W. Grove. The house will be erected in the Claremont Tract and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine with oak panels in the living and dining rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantel will be of brick and tile. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans for the work are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: W. H. Thompson, 410 East Market street, 2 story frame, \$3,200; Albert Nelson, 1121 East Channel street, 2 story frame, \$2,200; Hans Axel, 425 South East street, 2 story frame, \$2-500; Ben R. Farrar, Stockton, 2 story frame, \$3,000; C. A. Leipelt, 321 East Park street, 1 story cottage, \$800, and C. A. Eldridge, Poplar and Center streets, 2 story frame, \$2,500.

SACRAMENTO, CAL.—Residences, 1 2 story and base, frame, \$2,500 to \$3,000 each. Architect, none. Owner, E. A. Pierce, 2207 1st avenue, Sacramento. These houses will be erected in the Baxter Tract and each has been designed to contain seven rooms and bath. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. The more expensive houses will have furnace heat as well as open fire places. Mantels will be of tile and brick. Bath rooms and kitchens will have the wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath, rustic, splitlap and shingles. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are about to be started in San Jose: Frank Granandra, East Jackson near 7th street, 1 story frame, \$1,500, C. C. Lewis, 447 South 15th street, 2 story frame, \$2,500, and R. E. Carter, East 18th street, 1 story frame cottage, \$1-750. Materials are now being purchased.

Contracts Awarded.

SAN JUAN DE CAPISTRANO, ORANGE CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architect, A. B. Benton, 114 North Spring street, L. A. Owner, John Forster, Contractor, F. B. McCabe, 1306 West 50th street, L. A. Contract price, \$25,000.

SCHOOLS.

EUREKA, HUMBOLDT CO., CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architect William H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Architect William H. Weeks has completed working drawings for the new High School building, which is to be erected in Eureka, Humboldt County. The building will cover an area of 214 feet by 180 feet and is designed in the classic style. Construction will be of reinforced concrete, except the upper story, which will be of the slow burning type. Exterior is to be faced with cement plaster in imitation of stone. Eight class rooms, a principal's office, the teachers' rooms, the bookkeeping and typing department and the assembly hall take up the space of the first floor. All class rooms throughout the building are equipped with book-cases and teacher's closets. The assembly hall has a seating capacity of 700 students and will be used for a study hall. The floor is level but the stage is raised and built on a slant. This room is one of the most artistic in the building. As additional equipment, along with several other rooms, it has a complete motion picture outfit, including a fire-proof box for the moving picture machine. There are a total of five exits to the hall, three main and two fire exits being provided. The library opens off the assembly hall. The second floor is given over to five class rooms, two science rooms, the biological, chemical and physical laboratories, a girls' rest room and storage rooms. The drawing rooms are also located on this floor and have both side and ceiling lights, regulated by shades, which will permit of the adjustment of the lights and shadows as desired. The chemical laboratory is absolutely fire-proof. Bids for the work are now being taken.

SCHOOL—2 story and base, brick and terra cotta, \$35,000. Architect, V. W. Voorhees, Ellet Bldg., Seattle. Owners, School District No. 41. This work has been mentioned here before when plans were first out for figures. Revised plans have been completed and new figures will be opened on December 26th. Plans can be secured from the architect. The building will cover an area of 76 by 116 feet. There will be steam heat, a modern system of ventilation and program clocks and vacuum cleaning. Exterior of the building will be faced with pressed brick and terra cotta. Frank Steil, 752 North 89th street, Seattle, is Clerk of the School Board.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Schools, 1 2-story and 2 1-story brick, \$76,718.86. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, City of Long Beach. Contractor J. W. Davison, 325 Walnut street, Long Beach. Contract price, \$76,718.86.

STORES.

SAN FRANCISCO—Stores, 2 story and base, brick. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, H. C. Breden. This building will be erected at the northeast corner of Fillmore and Geary streets, covering an area of 91 by 141 feet. There will be a number of stores on the first floor and billiard hall and dancing hall on the second floor. Interior finish will be of pine and hardwood. A maple floor will be used in the second story. Plans provide for steam heat and metal window sash and frames. Patent store fronts and marble base will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Stores, 1 2 story and 3 1-story and base, brick. Cost not stated. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners' names withheld. These buildings will all be erected in the wholesale district. There will be scow foundations and brick exterior walls, faced with pressed brick and cement plaster. Patent store fronts and plate glass windows will be installed. Interior finish will be of pine throughout. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Store 1 story and base, brick. Cost not stated. Architect, Alfred Henry Jacobs, French Savings Bank Bldg., S. F. Owner, Bert Schlessinger. The building will be erected on Howard street between Third and Fourth street and has been designed to contain one large store. Interior will be finished in pine. There will be large plate glass windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PALO ALTO, SANTA CLARA CO., CAL.—Store alteration and addition, 1 and 2 story and base, brick. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owner, James Frazer. The building at the corner of University and Emerson streets, housing the largest department store in Palo Alto, will undergo repairs and a one story brick addition covering an area of 60 by 112 1/2 feet will be constructed. Interior finish will be of pine and hardwood. Oak floor will also be used. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans will be put out for figures in about two weeks.

SACRAMENTO, CAL.—Stores and office, 1 story and base, brick and stone, \$13,000. Architect, E. C. Hemmings, Sacramento. Owners, West Sacramento Co. The building will be erected in West Sacramento and has been designed to contain one store and twenty-two modern offices. Interior finish will be of pine and hardwood. Some marble and tile will also be used. Metal window sash and frames are specified. Exterior of the building will be faced with cut stone. Plans are complete and figures are being taken.

VANCOUVER, B. C.—Department store, 4 story and base, Class A construction. Cost not stated. Architect's name not given. Owners, Hudson Bay Co. Bids for the construction of a large Department Store for the Hudson Bay Co. are being received.

Bids to close Dec. 27th. Proposals will be received for the following work: Mason, reinforced and plain concrete, architectural terra cotta, ornamental iron, carpenter and joiner, roofing, sheet metal, plastering, painting, glazing, marble and tile. Plans are in the hands of H. V. Pratt, manager of the company at Victoria, B. C.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Store alterations, 1 story and base, brick, \$5,585. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteous. Contractor, Fred Stone, Fresno. Contract price, \$5,585.

THEATRES.

SEATTLE, WASH.—Theatre, 4 story and base, reinforced concrete, \$125,000. Architect, Warren H. Milner, Arcade Bldg., Seattle. Owners, Alaska Theatre Co. The building is to be erected at the corner of Second avenue and Seneca street. The work has been mentioned in these columns before. Plans are now being revised. The structure will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, a modern system of ventilation and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans will shortly be out for figures.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 813—Proposals for Cutter and Laidier Head Parts for Dredge, Pig Iron, Steel, Locomotive Tires, Copper Condenser Tubes, Galvanized Conduit, Rock Salt, Lime Calcium Carbide, Graphite, Core Wash, Gasoline, Creosote Oil, Turpentine, Linseed Oil, Japan Drier, Varnish, White Zinc, Lampblack, Black Jacket Enameled and Paints—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., December 30, 1913, at which time they will be opened in the presence of the above-mentioned articles. Blanks and general information relating to this circular (No. 813) may be obtained from this office or the offices of the assistant purchasing agents, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR QUAY WALL.

QUAY WALL—Sealed proposals, enclosed "Proposals for Quay Wall," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., January 17, 1914, and will be opened immediately for quay wall at the United States naval magazine, Puget Sound, Wash. Amount available, \$11,790. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard Bremerton, Wash. WILLIAM M. SMITH, acting chief of bureau.

PROPOSALS FOR CLOCK SYSTEM.

PURCHASE—Resolution No. 7122, N. S. passed December 12, 1913, the Council of the City of Oakland will receive proposals or bids of January 5th, 1914, for furnishing of all the materials, labor and workman required for the Clock System for the City Hall Building in the City of Oakland, California. All proposals must be made under and conform to the requirements of the forms of proposals prepared and furnished by the City through the Architects and shall be enclosed in sealed

envelopes, endorsed "Bids for furnishing of all the materials, labor and workman required in connection with the Clock System required for the City Hall Building," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between eleven o'clock a. m. and twelve o'clock noon, Pacific time, on the 8th day of January, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

No bid shall be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the proposal submitted by the bidder. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within five (5) days after receiving notice of award.

A set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgement and specifications will be furnished contractors on demand at the office of the Architects at City Hall Building. The plans and drawings may be had at the said office of the Architects after December 15th, 1913, within a reasonable time after application, and upon a deposit of Fifty Dollars (\$50.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architects in good condition, one complete set of plans and drawings required for the work will be furnished each applicant. Additional copies will, however, be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architects, together with the first set.

The right is reserved to the Council, in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCLURE, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Wednesday, January 15th, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and erection of the Female (Dozier) Cottages at the Napa State Hospital, Napa, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the Entire Work.

Cash, a bidder's bond or a certified check in the sum of ten per cent (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, and the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCLURE, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Female (Dozier) Cottages, Napa State Hospital, Napa, California."

[Signed] W. F. McCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Com-

mittee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday January 2nd, 1914, for Electric Wiring of Mechanical Building, Education Building, Liberal Arts Building, Food Products Building and Agriculture Building in accordance with the plans and specifications on file in the office of the Director of Work.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal. The bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of Fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Work, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee, WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday, January 2, 1914, for Automatic Elevator System for The Education Building, Food Products Building, Liberal Arts Building, Agriculture Building, Manufacturing Building, Freight and Cold Storage Building, Mines Building and Food Industries Building in accordance with the plans and specifications on file in the office of the Director of Work.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal. The bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of Fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

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By order of the Buildings and Grounds Committee, WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday, January 2, 1914, for Construction and Installation of Sewers for Peery Building, Garden and Service Building and Machinery Hall in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be retained upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday, December 26, 1913, for The Construction and Installation of Sewers for The Court of Palms and The Court of the Four Seasons in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be retained upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects in the interest of the Exposition Company.

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By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 812—Proposals for Shell Tables for Rifle and Mortar

Batteries, Wire Cable, Steel and Iron Pipe, Pipe Fittings, Tire Steel, Poultry Netting, Rivets, Bolts, Screws, Washers, Chain Links, Files, Blacksmiths' Pincers, Wheelbarrows, Macanets, Pliers, Monkey Wrenches, Tinners' Shears, Carlocks, Oars, Paint Brushes, File Handles, Water Closets, Lavatories, Valves, Manila Rope, Hose, Packing, Tarpaulins, Leather, Vitrified Sewer Pipe, Magnesia Pipe Covering, Beeswax, Candles, Rock Salt, Belt Draining, Lard Oil, Paints, Putty, Rules, Paper, Clips, Rubber Bands, Level Books, Scratch Pads, Tagboard and Spud Timbers.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., December 26, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Bids and general information relating to this circular (No. 812) may be obtained from this office or the offices of the assistant purchasing officers, 1008 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BIGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING—Office of the quartermaster, Vancouver, B. C., Wash.—Sealed proposals in triplicate will be received at this office until 11 a. m., January 2, 1914, and then opened for constructing six frame mess buildings at this post. Further information may be obtained by applying to this office. SAMUEL V. HAM, captain, quartermaster corps.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office on January 6, 1914, for the construction, complete (including mechanical equipment, interior lighting, fixtures and approaches), of the pilot States post office at Grand Junction, ground area 5,700 square feet, fireproof construction, stone and brick facing, file and composition roof. Drawings and specifications may be obtained from the steward of site at Grand Junction, Colo., or at this office, in the discretion of the supervising architect. O. WENNEROTH, supervising architect.

PROPOSALS.

OFFICE OF THE BOARD OF HEALTH of the City and County of San Francisco, 105 Mission Street.—Sealed proposals will be received at this office between the hours of 4 o'clock p. m. and 5 o'clock p. m. on Tuesday, the 30th day of December, 1913, for the following:

"For furnishing, installing and erecting at the Isolation Hospital, He Hara and Army streets, in accordance with the specifications of the specifications and to the satisfaction of the Board of Health, a refrigerating plant, consisting of an electric, belt-driven, automatic refrigerating. And a refrigerator in type complete, with brine tank containing ice-making cans, brine pump and refrigerating box with storage tanks."

Said refrigerating plant must be in accordance with the specifications thereon on file in the office of the Board of Public Health, to which reference is hereby made, and delivery within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$1000.00.

All proposals offered shall be accompanied by a check certified by the responsible bank, payable to the order of the Clerk of the Supervisors of the City and County for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the Board of Health and all proposals must be made upon said forms.

The Board of Health reserves the

right to reject any and all bids.

By order of the Board of Health,
E. M. COFFEY, Chief Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 7th day of January, 1914, for furnishing and delivering the following material:

The machine shop equipment for the Geary Street Municipal Railway.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$5,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR REPAIRS.

PAINTING AND REPAIRS—Office of the Custodian, U. S. Public Building, Sacramento, Wash.—Sealed proposals will be received at this office until December 27, 1913, for repairs and painting to the U. S. post office at Cheney, Wyo. Further information may be had upon application to G. W. HOYT, custodian.

PROPOSALS FOR BRIDGE WORK.

Notice is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, on to the hour of 10 o'clock a. m., on Monday, December 23, 1913, for constructing a new bridge to be used as an overhead crossing at Thornton, in the First Road District, as per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, December 1, 1913, which said plans and specifications are now on file in the office of the clerk of said Board.

All bids may be addressed to the clerk of said Board of Supervisors at Redwood City, an each bid must be accompanied by a certified check of some reliable bank in an amount equal to at least 10 per cent of bid, made payable to the undersigned clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo in liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the contract price or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work also the cost of concrete in place per cubic yard to be used in estimating the value of extra work if required.

The right is reserved to reject any and all bids.

JOS. H. NASH, County Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

p. m. and 3 o'clock p. m. on Wednesday, the 31st day of December, 1913, for furnishing and delivering the following material:

A quantity of motor equipment for the construction of the extensions of the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$55,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per centum of the aggregate of the proposal.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Monday, January 5, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the sand blasting of the granite work and steps of the Capitol Building, at Sacramento, California, in accordance with specifications therefor, copies of which may be obtained on application to the State Department

of Engineering, Sacramento, California. Such bids will be received for the Entire Work.

Cash, a bidder's bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Two (\$2.00) Dollars will be required on the specifications, the deposit to be returned immediately on the return of the specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Sand Blasting, State Capitol Building, Sacramento, California."

[Signed] W. F. McCLURE,
State Engineer, (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 25, 1913.—Sealed proposals will be opened in this office at 3 p. m., January 6, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States post office at Grand Junction, Colo. One story and base building; ground area, 5,700 square feet; fireproof construction; stone and brick facing; tile and terra cotta roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., or at this office, in the discretion of the Supervising Architect. O. Wenderoth, Supervising Architect. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

CONCESSION EXHIBIT—Frame construction, \$250,000. San Francisco. Architect, Frederick Thompson, Exposition Grounds, S. F. Owners, Union Pacific Railroad. Plans for one of the largest concessions which will be constructed at the Panama-Pacific International Exposition are nearly complete. This concession will represent the Yellowstone Park in miniature and will cover an area of 150 by 350 feet. The greater part of this work will be of frame and plaster staff construction but some concrete will be used. Bids will be called for about January 1st. Full particulars can be secured from Mr. Thompson.

SEWER CONSTRUCTION—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Figures are now being called for the installation and construction of sewers in the Court of Palms and the Court of the Four Seasons. Bids will be opened on December 26th. Plans and specifications and full particulars can be secured from the Director of Works. An official proposal appears in another column of this issue.

AUTOMATIC SPRINKLER SYSTEMS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on January 2nd for furnishing and installing automatic sprinkler systems in the Education Building, Manufactures Building, Transportation Building, Food Products Building, Liberal Arts

Building, Agriculture Building, Mines Building and Varied Arts Building. Plans have been completed and approved and can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

ELECTRIC WORK—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the electric work in the Education Building, Liberal Arts, Food Products and Agriculture Buildings have been completed and approved. Bids on the work are now being called for and will be opened on January 2nd. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architects, Rightetti & Headman, Phelan Bldg., S. F. Owner, G. Podesta. The building will be erected on the east side of Polk street near Clay and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. All bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$17,000. San Francisco. Architects, Fabre and Bearwald, Mer-

chants National Bank Bldg., S. F. Owner, A. Arrtu. The building has been designed to contain a number of two and three room suites and will be erected on Pacific avenue near Jones. All suites will have connecting baths and wall beds. Interior finish will be of pine with elm panels and oak floors in the living and dining rooms. Plans provide for steam heat, a hot water system and vacuum cleaning. An automatic elevator will be installed. Bath rooms will be finished in tile with composition floors. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are now being figured.

APARTMENT HOUSE—3 story and base, frame, \$35,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District and has been designed to contain a number of large suites ranging from five to seven rooms. Interiors will be handsomely finished in pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for steam heat, hot water system and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. All apartments will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building will have a brick veneer base and will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick and steel, \$35,000. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, Talbot Investment Co. This building, which has been mentioned here before, will be erected on the north side of Mission street between Seventh and Eighth streets. The lot has a frontage of 37½ feet and a depth of 120 feet. There will be a number of stores on the first floor. Upper two floors will be arranged for apartments of two and three rooms with private baths and wall beds. Interior finish will be largely of pine. Plans provide for steam heat and a hot water system. Stores will have large plate glass windows and patent store front. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$15,000. San Francisco. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner, John McGaw. The dwelling will be erected on the north side of Green street west of Jones and has been designed to contain eight rooms and two baths. Interior finish will be of pine and hardwood with white enamel in the bed rooms. There will be furnace heat, open fire places and a vacuum cleaning system. Hardwood floors will be used in the living room, dining room and reception hall. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$25,500. San Francisco. Architect, none. Owner, A. H. Lapham, 1822 McAllister street, S. F. The dwelling will be erected on 12th avenue near Anza and will contain six rooms and

bath. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. Living room will have a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCES—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the east line of 16th avenue south of California and each has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood veneer in the living and dining rooms. Oak floors will be used in the principal rooms. There will be large open fire places and brick or tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. The work will be done by Day Labor. Materials are now being purchased.

CHURCH—2 story and base, frame, \$15,000. San Francisco. Architect W. J. Wythe, Central Bank Bldg., Oakland. Owners, African M. E. Church. This work has been mentioned here before when the architect was first commissioned to prepare the plans. The building has been designed in the Mission style and will contain, besides the main auditorium, a Sunday School room, pastor's study and social rooms. Interior finish will be of pine and redwood. There will be a central heating system. A clay tile roof will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ICE STORAGE PLANT—4 story and base, brick and steel. Cost not stated. San Francisco. Engineer, Charles Wallace, Postal Telegraph Bldg., S. F. Owners, National Ice and Cold Storage Co. The building will be erected at the southwest corner of Union and Battery streets and will cover an area of 90 by 120 feet. Construction will be of the extra heavy type. No interior finish will be specified. Plans provide for elevator service, special ice and cold storage machinery, metal window sash and frames. Exterior will be faced with stock brick. A contract for the structural steel has been awarded to the Vulcan Iron Works at \$20,660. Figures are now being taken on the various parts of the work.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, G. Russell. The building will be erected at the northwest corner of Pfiffer and Bellair streets covering an area of 30 by 41 feet. The building has been designed to contain four small flats of four and five rooms. Interiors will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLAT—3 story and base, frame, \$7,000. San Francisco. Architect, Charles Fantoni, 916 Kearny street, S. F. Owner, Angelina Cesana. The building will be erected on the west side of Mason street north of Pacific covering an area of 23 by 75 feet. There will be three flats of four and five rooms. Interiors will be finished in pine and redwood with some elm panels and oak floors. Each living room will have an open fire place and tile mantel. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Tile will be used in the entrance vestibule. Exterior of the building will be covered with rustic and shiplap. A brick veneer base will be used. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, E. H. Kuhlman, 1103 Steiner street, S. F. The building has been designed to contain two flats of five and six rooms and will be erected on Eureka street south of 22nd. Interiors will be finished in pine throughout. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOTEL—8 or 10 story and base, Class A construction. Cost not stated. San Francisco. Architect, Washington J. Miller, 45 Kearny street, S. F. Owner's name withheld. A report is current in real estate circles that large eastern hotel capital is interested in the northeast corner of Ellis and Mason streets, the old Y. M. C. A. site. Architect Washington J. Miller is preparing preliminary plans for a large Class "A" hotel building. A representative of the eastern capital is now in the city and these plans will be submitted to him for approval.

HOTEL—3 story and base, reinforced concrete, \$25,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owner's name withheld. This building will be erected on Mission street near 18th and has been designed with stores on the first floor and a number of guest rooms above. Interior finish will be of pine and redwood. A number of the rooms will have private baths. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. The stores will be provided with patent store fronts and plate glass windows. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL COMPLETION—6 story and base, brick and steel construction. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Downtown Realty Co. The upper floors which are to be completed will contain over 150 guest rooms. The work will include plastering, plumbing, electric work, interior finish, marble and tile work. Money has been secured and mechanics liens amounting to nearly \$45,000 will be paid. Plans are now being prepared.

HOTEL—3 or 4 story and base, fireproof construction. Cost not stated. San Francisco. Architect, Edward T.

Foulkes, Crocker Bldg., S. F. Owners, Inside Inn Co., Holbrook Bldg., S. F. It is reported that the designs of Architect Edward T. Foulkes has been selected by the Inside Inn. The building will contain a total of 2500 guest rooms. The building surmounts a terrace, beneath which is to be a band stand. The building will be in the Panama-Pacific International Exposition Grounds.

CLUB HOUSE ADDITION—3 story and base, Class B construction, \$75,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. The new portion of the building will be erected on property at the southeast corner of Post and Van Ness avenue adjoining the present building. Design and construction will be similar to the old building. The new portion will be arranged for social rooms, dining room and living apartments. There will be a steel frame with exterior walls faced with Colusa sand stone, interior partitions of metal lath and plaster and metal window sash and frames. Interior finish will be of pine and hardwoods. The present steam heating system will be extended to the new portion of the building and a vacuum cleaning system will be installed. Plans are being prepared.

CITY HALL WORK—Brick and terra cotta facing. Cost not stated. San Francisco. Architects, Bakewell and Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of public Works for brick and terra cotta facing for two large courts in the new City Hall show Boyd, Keer McLean low on both propositions as follows: Prop. A, \$29,965, and Prop. B, \$42,100. A complete list of the bids received will be found under the heading of San Francisco in this issue.

LODGE ROOMS—3 story and base, brick and steel, \$75,000. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, San Francisco Labor Council Hall Association. This building has been mentioned here a number of times before when the architects were preparing plans. Working drawings are now complete and figures are being taken. The building will be erected on property at the northeast corner of Capp and 16th streets, covering an area of 84 by 100 feet. The entire building will be devoted to the use of the council. Plans show metal window sash and frames. There will be steam heat, a vacuum cleaning system and other modern conveniences. Entrance will be finished in cut stone. Exterior of the building will be faced with pressed brick and terra cotta.

CAR BARN—1 story and base, reinforced concrete, \$60,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. An addition to the Geary Street car barns has been ordered and the architectural department has started working drawings. The building will be of the reinforced concrete type throughout. There will be concrete floor, metal window sash and frames and special tank equipment. No interior finish will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.



NEW SCHOOL BUILDING
Piedmont, Cal.

Irwin Schaefer, Architect
Oakland



MODERN APARTMENTS FOR SAMUEL HENRY
Stockton, Cal

Glenn Allen, Architect
San Francisco

SHOP REPAIRS—Frame construction, \$5,000. San Francisco. Architect, Engineering Department. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific R. R. Co. Plans are now out for figures for repairs to the carpenter shop and other buildings of the Southern Pacific Co. recently damaged by fire. These buildings are located at Kentucky and Daggett streets. Bids are being taken by the Engineering Department of the company.

STORES—2 story and base, brick, cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, H. C. Bredeh. This building will be erected at the northeast corner of Fillmore and Geary streets, covering an area of 91 by 141 feet. There will be a number of stores on the first floor and billiard hall and dancing hall on the second floor. Interior finish will be of pine and hardwood. A maple floor will be used in the second story. Plans provide for steam heat and metal window sash and frames. Patent store fronts and marble base will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES—1 2-story and 3 1-story and base, brick. Cost not stated. San Francisco. Architect, O'Brien Bros., Clunie Bldg., S. F. Owners' names withheld. These buildings will all be erected in the wholesale district. There will be scow foundations and brick exterior walls, faced with pressed brick and cement plaster. Patent store fronts and plate glass windows will be installed. Interior finish will be of pine throughout. Plans are nearly complete and figures will be called for shortly.

STORE—1 story and base, brick, cost not stated. San Francisco. Architect, Alfred Henry Jacobs, French Savings Bank Bldg., S. F. Owner, Port Schlessinger. The building will be erected on Howard street between Third and Fourth streets and has been designed to contain one large store. Interior will be finished in pine. There will be large plate glass windows and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEWERS ETC.—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the installation of sewers in the Ferry Building Garden and Service Road south of Machinery Hall have been completed and are now out for figures. Bids for this work will be opened on January 2. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

Contracts Awarded.

STATE EXHIBIT BUILDING—Frame construction, \$17,000. San Francisco. Architects, Wayland & Fennell Boise Idaho. Owners, State of Idaho. Contractors, Story & Sall. Price Idaho Contract price, \$17,000.

WAREHOUSES—2 3 story and base-reinforced concrete, \$118,456. San Francisco. Architect, Constructing Quartermaster's Office, Port Mason. Owners, United States Government. M. Fisher was awarded the general contract at \$118,456. The deductions were made from Mr. Fisher's bid as follows: Ce-

ment gun lin, \$1404; shed, \$11,025; and flat slab, \$2,700. F. Scott was awarded the plumbing at \$5565. The Globe Electric Co. was awarded the wiring at \$1,200 and the Haslett Warehouse Co. the spiral chute at \$1575. All bids received for the elevator work have been rejected and new figures will be called.

City Bids Opened.

Bids were opened at Wednesday's session of the San Francisco Board of Public Works for the brick and terra cotta work on two large courts at the new City Hall. Proposition A called for a combination of brick and terra cotta, while Proposition B called for the entire work to be executed in terra cotta. Boyd, Kerr & McLean submitted the lowest figures on both propositions and will be awarded the work. The following is a list of the bids received:

Brick and Terra Cotta Work. Two Courts.

Grant Fee (A) \$56,700; (B) \$50,700.
Brandon & Lawson (A) \$33,450; (B) \$45,500.
Boyd, Kerr & McLean (A) \$29,905; (B) \$42,100.

Award Contracts For Warehouses.

Government Work Goes to M. Fisher With Three Deductions. Other Contracts Also Awarded.

Contracts have been awarded through the Constructing Quartermaster's Office at Port Mason for construction of two large reinforced concrete warehouses to be erected at the Transport Docks.

M. Fisher was awarded the general contract on his bid of \$118,456. The department made three deductions from his original bids as follows: Cement gun finish, \$1,404; shed, \$11,025; and flat slab construction, \$2,700.

F. Scott was awarded the plumbing at \$5,565; the Globe Electric Co., the wiring at \$1,200 and the Haslett Warehouse Co., spiral chutes at \$1,575.

All figures received for elevator installation were rejected and will be re-advertised.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
4497	Buddhist Ch.	Fraser	1650
4498	Becker	Little	9900
4499	Donovan	Segurson	4180
4500	Pelneus	Chlutzns	1000
4501	Roth	Roth	2000
4502	Spreckels	Fraser	700
4503	Alt	Clark	500
4504	Gleeson	Gleeson	1500
4505	Lubalsky	Arthur	450
4506	Jobers	Porters	1500
4507	Gates	Gates	400
4508	Wallace	Wallace	600
4509	McCormick	McCormick	1800
4510	Rosenberg	Rosenberg	1000
4511	Merrants	Trust	52037
4512	Sone	Letlieh	125
4513	Pinzel	Rowers	1000
4514	Howard	Cunco	2000
4515	McConnell	McConnell	1125
4516	Baldwin	Holden	4500
4517	Hind	Braas	1538
4518	Nelson	Nelson	2500
4519	Vaysie	Nelson	2500
4520	Pollera	Pollera	100
4521	Grim	Grim	1000

4522	Pantelides	Megas	400
4523	Lapham	Lapham	2500
4524	Kuhlman	Kuhlman	3000
4525	Haufe	Eckert	400
4526	Southern Pacific	Owner	2000
4527	Cleese	Cleese	1950
4528	Tivoli	Brumfield	500
4529	Kempton	Kempton	3000
4530	Bomer	Bomer	1000
4531	S. F. Arichoke	Steffenhi	1000
4532	Pissis	Robinson	2500
4533	Child's Hsptl	Cobby	14
4534	Nunde	Ellinkson	1870
4535	Cushing	Collman	1000
4536	Roddy	Arnold	4200
4537	29th St. ME	Ch. McCausland	6540
4538	Rudgear	Walters	3400
4539	Same	Cal Marble	1580
4539	Same	Col Marble	1530
4540	Same	U S Steel	780
4541	Same	Richmond St.	590
4542	Same	Lock	625
4543	Same	Fuller	375
4544	Same	Fiberstone	1900
4545	Hobart	Foster	14000
4546	French Bank	Clinton	13000
4547	French Bank	Clinton	4000
4548	Elckhoff	Stevenson	1632
4549	French Bk	Central Elec	2000
4550	Same	Mangrum	4600
4551	Spreckels	Prazier	645
4552	Porter	Hamill	4000
4553	Keller	Mager	3220
4554	Figari	Phalar	1000
4555	Lce	Little	500
4556	German Svgs	Arnold	4000
4557	Meyer	Atlas	400
4558	Prussia	Conlin	1600
4559	Barriolhet	Victor	1827
4560	P. I. E.	Healy	16200
4561	Same	Same	10625

(4497) S PINE 55 E Octavia S 120x E 55 WA 159. All work for two-story frame church.

Owner.....Buddhist Church of S. F. Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco. Contractor...Fraser & Fraser, 658 8th Ave., San Francisco.

Filed Dec. 15, '13. Dated Dec. 11, '13.
Lot excavated, concrete walls in place, rat proofed, posts and girders for 1st floor in.....\$1315
Cast iron and steel in gallery and 2nd floor joists in position, 1315
Building framed and enclosed.. 1315
Roof on, floored, plumbing and electrical work roughed in..... 1315
Exterior and interior plastered 1315
Completed and accepted..... 1315
Usual 35 days..... 2630
TOTAL COST, \$10,620

Bond, \$5260. Surety, Aetna Accident & Liability Co. Limit, 150 days. Forfeited, \$5. Plans and specifications filed.

(4498) 3 OFARRELL 60 E Beldeman E 25x8 70. All work except wall paper for three-story frame building (6 apartments).

Owner.....Hattie D. Becker Architect...A. Reinhold Denke, Humboldt Bldg Bldg., S. F. Contractor, Wm. Little, 753 8th Ave., San Francisco.

Filed Dec. 15, '13. Dated Dec. 13, '13.
2nd floor joists on.....\$1704
Enclosed and roof on..... 1704
First coat plaster on..... 1704
Completed and accepted..... 1704
Usual 35 days..... 2274
TOTAL COST, \$9090
Bond, \$4345. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeited, \$5. Plans and specifications filed.

(4499) N NATOMA 175 E Eleventh E 25xN 75. All work for two-story frame flats.
Owner.....Michael Donovan, 633 Oak, San Francisco.
Architect...None.

Contractor...Segurson Bros., 308 Guerrero, San Francisco.
Filed Dec. 15, '13. Dated Dec. 6, '13.

Frame up\$1045
Brown coated 1045
Finished 1045
Usual 35 days..... 1045
TOTAL COST, \$1180
Bond, \$2090. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, none. Plans and speci-
fications filed.

(4500) NO. 190 O'FARRELL. Alter
front.
Owner.....G. Peineas, Premises.
Architect...None.
Contractor...D. Chlentzns, 686 Harrison,
San Francisco.

COST, \$1000

(4501) N FAIRMOUNT 75 E Academy.
One-story and basement frame cot-
tage.
Owner.....Louis E. Roth, 3220 16th,
San Francisco.
Architect...Geo. Roth, Burlingame.
Contractor...Geo. Roth, Burlingame.
COST, \$2000

(4502) W FRONT near Market. Minor
changes and repairs in offices.
Owner.....A. B. Spreckels, California
and Davis, San Francisco.
Architect...C. A. Applegarth, 1800 Call
Bldg., San Francisco.
Contractor...Frasier & Frasier, 859
Haight, San Francisco.

COST, \$700

(4503) NO. 1499 NINTH AVE. Alter
and repair store.
Owner.....M. Abt, Premises.
Architect...L. M. Weismann, Pacific
Bldg., San Francisco.
Contractor...J. Clark, 944 Irving, S. F.

COST, \$500

(4504) W ATHENS 275 N France.
One-story and basement frame dwlg.
Owner.....James Gleeson, 659 Moscow
San Francisco.
Architect...None.
Day's work.....

COST, \$1500

(4505) NO. 425 BALBOA. Add to
residence.
Owner.....P. Lubarsky, Premises.
Architect...None.
Contractor...O. B. Arthur, 1242A 2nd
Ave., San Francisco.

COST, \$650

(4506) N KEY 75 W Congdon. One and
one-half-story and basement frame
dwelling.
Owner.....Victor Bjors, 660 Waller,
San Francisco.
Architect...None.
Day's work.....

COST, \$1500

(4507) W TWENTY-SIXTH AVE 175
S Clement. One-story frame dwlg.
Owner.....M. Gates, 2817 Bush, S. F.
Architect...None.
Day's work.....

COST, \$400

(4508) NO. 1271 TWENTY-FIFTH AVE
(rear). One-story and basement
frame dwelling.
Owner.....W. W. Wallace, Premises.
Architect...None.
Day's work.....

COST, \$600

(4509) S KEY 300 W Congdon. One
and one-half-story and basement
frame dwelling.

Owner.....T. McCormick, 25 Gladys,
San Francisco.
Architect...None.
Day's work.....

COST, \$1800

(4510) NE SEVENTH AND TOWN-
send. One-story frame office.
Owner.....R. Rosenberg & Son Co.,
Premises.

Architect...None.
Day's work.....

COST, \$1000

(4511) S STEVENSON AND SEVENTH
SE 75xSW 75. Grading, trenching,
excavating, steel, concrete, carpenter,
mill, tin, stair, roofing, glazing, rough
hardware, marble, tiling, lath, plaster
and electric work for five-story and
basement Clas "C" stores and rooms.
Owner.....Antoine, Alexander and
Julien Vaysse, 935 Kearny,
San Francisco.

Architect...Fabre & Bearwald, Mer-
chants' Nat'l Bank, S. F.
Contractor...Robt. Trost, 26th & How-
ard, San Francisco.

Filed Dec. 16, '13. Dated Dec. 13, '13.
Concrete and steel done to 1st
floor\$ 5625
Steel frame completed..... 5625
Concrete walls completed..... 5625
Rough floors and roof on..... 5625
Rough plaster on..... 5625
Standing finish on..... 5625
Completed and accepted..... 5157
Usual 35 days..... 13130
TOTAL COST, \$52,027

Bond, \$2700. Sureties, Geo. Holl and
Chas. A. Gander. Limit, 200 days. Forfeit,
\$35. Plans and specifications filed.

(4512) TRENCHING, PLUMBING, Gas
fitting, sewerage, plumbing fixtures,
heating, hot water and oil burning
equipment on above.

Contractor...J. M. Lettich.
Filed Dec. 16, '13. Dated Dec. 15, '13.
Roughing in done.....\$6250
Completed and accepted..... 3975
Usual 35 days..... 3410
TOTAL COST, \$13,635

Bond, \$6817.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, with-
out delay. Forfeit, \$35. Plans and
specifications filed.

(4513) W LARKIN 46-3 1/2 S Green-
wich S 22-6xW 97-7 1/2. Alterations
and additions to two-story frame
flats.

Owner.....Mary Pingel, 2451 Larkin,
San Francisco.
Architect...Foulkes & Hildebrand,
Crocker Bldg., S. F.
Contractor...Bowers & Fank, 110 Jersey,
San Francisco.

Filed Dec. 16, '13. Dated Dec. 15, '13.
Enclosed and roof on.....\$1048
Brown coated 1048
Completed and accepted..... 1050
Usual 35 days..... 1048
TOTAL COST, \$4194

Bond, \$2097. Sureties, Fannie Donohue
and Emma J. Hammill. Limit, 90 days.
Forfeit, \$10. Plans and specifications
filed.

(4514) E NAPLES 108 N Athens being
Lot 25 Blk 14 Crocker Amazon Trct.
All work except outside painting and
gas and electric fixtures for one-
story frame bungalow.

Owner.....Jno. I. and Jennie Howard,
213 Lexington Ave., S. F.
Architect...None.
Contractor...A. Cuneo.

Filed Dec. 16, '13. Dated Dec. 9, '13.
Rough frame up.....\$500
Brown coated 500
Completed 500
Usual 35 days..... 500
TOTAL COST, \$2000

Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(4515) SE and SW COR. CALIFORNIA
and Leidesdorff. Changes and addi-
tions to basement of Insurance Ex-
change Building and connecting
passage to Merchants' Exchange
Building by tunnel under Leidesdorff
Owner.....Merchants' Exchange Club
Architect...Nathaniel Blaisdell, 255
California, San Francisco.
Contractor...Foster-Vogt Co., Sharon
Bldg., San Francisco.

Filed Dec. 17, '13. Dated Dec. 16, '13.
Rough concrete work of tunnel
completed\$443
Completed and accepted..... 400
Usual 35 days..... 282
TOTAL COST, \$1125

Bond, \$565. Surety, Massachusetts
Bonding & Insurance Co. Limit, 40
days. Forfeit, \$10. Plans and speci-
fications filed.

(4516) E FORTY-THIRD AVE 100 S
Cabrillo S 40xE 120. All work for
frame residence.

Owner.....Orville R. Baldwin, SE
47th Ave and Cabrillo, S. F.
Architect...None.
Contractor...Holden Deuprey Co., 126
Otis, San Francisco.

Filed Dec. 17, '13. Dated Dec. 15, '13.
Rough frame up.....\$1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, \$4500

Bond, none. Limit, 120 days. Forfeit,
\$1. Plans and specifications, none.

NOTE:—Plans drawn by Coates &
Traver, Head Bldg., S. F.

(4517) N CALIFORNIA, bet. Front &
Battery. Cabinet work on 4th floor
of Hind Building.

Owner.....The Hind Estate Co., 310
California, San Francisco.
Architect...John Reid Jr., 310 Cali-
fornia, San Francisco.

Contractor...Braas & Kuhn, 55 Dear-
born, San Francisco.
Filed Dec. 17, '13. Dated Dec. 15, '13.
Completed and accepted.....\$1150
Usual 35 days..... 288
TOTAL COST, \$1538

Bond, none. Limit, 25 days. Forfeit,
none. Plans and specifications filed.

(4518) E SIXTEENTH AVE 275 S
California. Two-story and basement
frame residence.

Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work.....

COST, \$2500

(4519) E SIXTEENTH AVE 250 S
California. Two-story and basement
frame residence.

Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work.....

COST, \$2500

(4520) S LARCH 137-3 W Van Ness
Ave. One-story frame stable.
Owner.....Misl & Pollera, 718 Turk,
San Francisco.

Architect...W. Harper, 112 Holly Park, San Francisco.
Day's work. COST, \$1000

(4521) NO. 3526 SEVENTEENTH(rear) Two-story brick warehouse and garage.
Owner.....L. R. Grim, Premises.
Architect...None.
Day's work. COST, \$1000

(4522) No. 11 MASON. Alter front.
Owner.....N. Pantelides, 1751 Geary, San Francisco.
Architect...None.
Contractor...Peted Megas, 3676 19th, San Francisco.
COST, \$400

(4522) E TWELFTH AVE 175 S Afiza. Two-story and basement frame dwlg.
Owner.....A. R. Lapham, 1853 McAlister, San Francisco.
Architect...None.
Day's work. COST, \$2500

(4524) E EUREKA 60 S 22nd. Two-story and basement frame (2) flats.
Owner.....E. H. Kuhlman, 1103 Steiner, San Francisco.
Architect...None.
Day's work. COST, \$3000

(4525) E TWENTY-FIRST AVE 150 S Clement. Two-story and basement frame residence.
Owner.....C. W. Haufe, 2900 Bush, San Francisco.
Architect...None.
Contractor...Haufe & Eckert, 2900 Bush San Francisco.
COST, \$4000

(4526) W KENTUCKY 100 N Daggert. Repair fire damages and minor repairs to carpenter shop.
Owner.....Southern Pacific Co., Third and Townsend, S. F.
Architect...Southern Pacific Co.
Contractor...Southern Pacific Co.
COST, \$2000

(4527) E TWENTY-SEVENTH AVE 220 S Geary. One and one-half-story and basement frame dwelling.
Owner.....Geo. F. and Lucy S. Cleese, 524 27th Ave., S. F.
Architect...None.
Contractor...Geo. F. Cleese, 524 27th Ave., San Francisco.
COST, \$1950

(4528) No. 80 EDDY. Electric sign.
Owner.....Tivoli Opera House, Prem.
Architect...None.
Contractor...Bramfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$500

(4529) S MERRITT 67 E Danvers. Three-story and basement frame (3) flats.
Owner.....Mrs. Agnes Kempton, 4674 18th, San Francisco.
Architect...None.
Contractor...M. P. Kempton, 4674 18th, San Francisco.
COST, \$3000

(4530) INTERSECTION REGENT & Winnipeg. One-story and basement frame dwelling.
Owner.....J. S. Bomer, 19 Regent, San Francisco.
Architect...None.
Day's work. COST, \$1000

(4531) S ARMY, bet. Wisconsin and

Arkansas. One-story frame warehouse.

Owner...S. F. Artichoke Growers' Association, 624 Front, S. F.
Architect...Righetti & Headman, 1168 Phelan Bldg., S. F.
Contractor...Montani Stefanini, 624 Front, San Francisco.
COST, \$2950

(4532) NW MERCHANT AND MONTGOMERY. Alter rooming house.
Owner.....Albert Pissis, 181 Flood Bldg., San Francisco.
Architect...None.
Contractor...Robinson & Gillispie, 1051 Sutter, San Francisco.
COST, \$2500

(4533) S SACRAMENTO 87-6 W Maple W 187-6 S 132-7 W 137-6 S 132-7 E 412-6 N 165-2 1/4 W 87-6 N 100. Excavation, concrete, fire proofing, brick, iron, steel, carpenter, furring, floors, roof boarding, deafening, composition floor, screens, glass, hardware, tin and galvanized iron, lath, plaster, damp proofing, roofing, painting, etc., for four-story and basement Class "C" addition to Nurses' Home.
Owner.....Hospital for Children and Training School for Nurses California nr Maple, S. F.
Architect...Ward & Blohne, Alaska-
Contractor...J. W. Cobby, 130 Jessie, San Francisco.
Filed Dec. 18, '13. Dated Nov. 15, '13.
Brick work ready for 1st story joists\$2500
Brick work ready for 4th story joists 3500
Roof on 1500
Rough coat plaster on 1500
Completed and accepted 1852
36 days 3618
TOTAL COST, \$14,470

Bond, \$7235 Surteles, H. C. Matthes and A. T. Spence. Limit, 120 days after Dec. 18. Forfeit, \$15. Plans and specifications filed.

(4534) W TWENTY-NINTH AVE 75 S California S 25xW 95. All work except plumbing material and concrete for one-story and basement frame dwelling.
Owner.....Beatrice A. Kunde.
Architect...C. O. Clausen, Phelan Bldg., San Francisco.
Contractor...Ehlingson & Holt, 3877 26th, San Francisco.
Brown coat plaster on 492.50
Completed and accepted 492.50
Frame up \$192.50
Usual 35 days 492.50
Filed Dec. 18, '13. Dated Dec. 16, '13.
TOTAL COST, \$1970.00

Bond, \$985. Surety, Chicago Bonding & Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(4535) NW LOMBARD AND LEAVENWORTH W 40xN 137-6 50 V 794. All work for two-story and basement frame residence.
Owner.....Anne S. Cushing.
Architect...Wm. C. Hays, 68 Post, San Francisco.
Contractor...Collman & Collman, 110 Jessie, San Francisco.
Filed Dec. 18, '13. Dated Dec. 16, '13.
Monthly installments of 75%
Usual 35 days 25%
TOTAL COST, \$10,840
Bond, \$6000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

(4536) — TWENTIETH 155 E Church 25x114. No. 3871 20th. All work for two-story and basement frame residence.
Owner.....Patrick J. Roddy, 3rd and Jessie, San Francisco.
Architect...Maury I. Diggs, Berkeley.
Contractor...H. W. Arnold, 227 Chattanooga, S. F.
Filed Dec. 18, '13. Dated Dec. 10, '13.
Rough frame up, siding and sheathing in place\$1050
Brown coat in place, accepted by architect 1050
Completed and accepted 1050
Usual 35 days 105
TOTAL COST, \$4200

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4537) SW SANCHEZ AND CLIPPER. Concrete, lumber, mill, plastering, plumbing, painting, patent chimneys, carpenter work, wrecking frame building for church, auditorium and Sunday School rooms.
Owner.....Twenty-ninth Street M. E. Church.
Architect...None.
Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.
Filed Dec. 18, '13. Dated Dec. 18, '13.
When old Sunday School rooms and beginners' rooms are enclosed and shingled\$1636.25
Balance of entire building enclosed and shingled 1636.25
Completed and accepted 1636.25
Usual 35 days 1636.25
TOTAL COST, \$6545.00
Bond, \$3272. Sureties, E. A. Hoadley and F. A. McCausland. Limit, 80 days after Dec. 18. Forfeit, none. Plans and specifications filed.

(4538) S BUSH 183-4 E Stockton E 31-8xS 126. Carpenter work for four-story hotel building.
Owner.....Mrs. A. Rudgear, Cort Hotel, San Francisco.
Architect...Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor...Walters & Pierson.
Filed Dec. 18, '13. Dated Dec. 17, '13.
On or before 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$3490

Bond, \$1727.50. Surety, New England Casualty Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(4539) MARBLE, TILE & CONCRETE laid on above.
Contractor...The Columbia Marble Co., 268 Market, San Francisco.
Filed Dec. 18, '13. Dated Oct. 14, '13.
Payments same as above
TOTAL COST, \$1580
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

(4540) GALVANIZED IRON WORK on above.
Contractor...United States Metal Products Co., 525 Market, S. F.
Filed Dec. 18, '13. Dated Nov. 18, '13.
Payments same as above
TOTAL COST, \$780
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

(4541) STONE WORK ON ABOVE.
Contractor, Richmond Cut Stone Co.
Filed Dec. 18, '13. Dated Oct. 15, '13.
Payments same as above.....
TOTAL COST, \$590
Bond, none. Limit, as required. Forfeited, none. Plans and specifications filed.

(4542) BRICK AND GRANITE WORK on above.
Contractor, Chas. H. Hock, 1788 Fell, San Francisco.
Filed Dec. 18, '13. Dated Oct. 17, '13.
Payments same as above.....
TOTAL COST, \$625
Bond, none. Limit, without delay. Forfeited, none. Plans and specifications filed.

(4543) GLAZING AND MIRRORS ON above.
Contractor, W. P. Fuller & Co., Beale and Mission, S. F.
Filed Dec. 18, '13. Dated Oct. 14, '13.
Payments same as above.....
TOTAL COST, \$375
Bond, none. Limit, without delay. Forfeited, none. Plans and specifications filed.

(4544) ROOFING AND FLASHING ON above.
Contractor, Fibrestone & Roofing Co., 971 Howard, San Francisco.
Filed Dec. 18, '13. Dated Oct. 14, '13.
Payments same as above.....
TOTAL COST, \$190
Bond, none. Limit, without delay. Forfeited, none. Plans and specifications filed.

(4546) W TRINITY 68-9 N Sutter W 61-3 1/2 x N 34-1/2. Concrete and fireproofing for 10-story Class "A" addition to building.
Owner, French American Bank of Savings, Premises by P. J. Walker Co., Monadnock Bldg., San Francisco.
Architect, E. A. Bozio, 1125 Laguna, San Francisco.
Contractor, Clinton Fireproofing Co., Mutual Bk Bldg., S. F.
Filed Dec. 18, '13. Dated Dec. 17, '13.
Semi-monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$13,000
Bond, \$6500. Surety, Globe Indemnity Co. Limit, without delay. Forfeited none. Plans and specifications filed.

(4545) S SUTTER 87-6 E Montgomery S 187-6 W 25 S 83-1 1/2. — 92-5 1/2 N 217-5 1/2 W 50. Excavating and foundation for 20-story & basement Class "A" office building.
Owner, Hobart Estate Co., Merchants' Exchange Bldg., San Francisco.
Architect, Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor, Foster-Vogt Co., Sharon Bldg., San Francisco.
Filed Dec. 18, '13. Dated Dec. 18, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,000
Bond, \$7000. Surety, Aetna Accident & Liability Co. Limit, Feb. 15, '14. Forfeited, none. Plans and specifications filed.

(4547) SUTTER AND TRINITY. Specifications under contract filed December 18, 1913, for excavation and concrete work for 10-story addition to building.

Owner, French American Bank of Savings, Premises.
Architect, None.
Contractor, The Clinton Fireproofing Co., Mutual Bk Bldg., S. F.
Filed Dec. 19, '13. Dated.....
TOTAL COST, \$——
Bond, limit, forfeit, plans and specifications none.

(4548) W CERES 175 N Williams Ave N 25xW 100 Lot 32 Blk "G," Silver Terrace Tract. All work for one-story and basement frame cottage.
Owner, August and Rose Elckhoff
Architect, Stevenson & Gowan.
Contractor, Stevenson & Gowan, 112 Girard, San Francisco.

Filed Dec. 19, '13. Dated Dec. 11, '13.
Frame up.....\$120 50
Brown coated..... 120 50
Completed..... 120 50
Usual 35 days..... 420 50
TOTAL COST, \$1682 00
Bond, none. Limit, 90 days. Forfeited, none. Plans and specifications filed.

(4549) W TRINITY 68-9 N Sutter W 61-3 1/2 x N 34-1/2. Electric work for 10-story Class "A" annex to present building.

Owner, French American Bank of Savings, Premises.
Architect, E. A. Bozio, 1125 Laguna, San Francisco.
Contractor, Central Electric Co., 185 Stevenson, San Francisco.
Filed Dec. 19, '13. Dated Dec. 18, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$2000
Bond, \$1000. Surety, Pacific Coast Casualty Co. Limit, without delay. Forfeited, none. Plans and specifications filed.

(4550) VACUUM SYSTEM, STEAM heating plant on above.
Contractor, Mangrum & Otter, 561 Mission, San Francisco.
Filed Dec. 19, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$1600
Bond, \$2300. Surety, National Surety Co. Limit, without delay. Forfeited, none. Plans and specifications filed.

(4551) COM. AT POINT 26-6 1/2 FROM Intersection of N Market and W Front th — 92-8xW 137-6. To construct balcony under Moore Watson Building.

Owner, A. B. Spreckels.
Architect, G. A. Applegarth, Call Bldg., San Francisco.
Contractor, Frasier & Frasier, 859 Haight, San Francisco.
Filed Dec. 19, '13. Dated Dec. 10, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$645

Bond, \$322.50. Surety, Aetna Accident & Liability Co. Limit, Dec. 15. Forfeited none. Plans and specifications filed.

(4552) E SIXTEENTH AVE 386-6 N Clement. Two-story and basement frame (2) flats.

Owner, Mrs. Belle J. Porter, 20 Palm Ave., S. F.
Architect, None.
Contractor, Thos Hamill, 268 25th Ave., San Francisco.
COST, \$4000

(4553) E GOUGH 81-3 S Fulton 82-6x

25. Carpenter and brick work, plumbing, concrete, tinning, glazing and roof for one-story brick paint shop.

Owner, Lorenz Keller, 750 Baker, San Francisco
Architect, Plans by owner.
Contractor, Mager Bros., 110 Jessie, San Francisco.

Filed Dec. 20, '13. Dated Dec. 19, '13.
Joists 2x14 on.....\$1215
Completed..... 1200
Usual 35 days..... 805
TOTAL COST, \$3220
Bond, limit, forfeit, none. Plans and specifications filed.

(4554) SW CARROLL 175 SE Quint. One-story and basement frame dwlg.
Owner, Luigi Figari, 21 Rhyme Place, San Francisco.
Architect, None.
Day's work..... COST, \$1000

(4555) W WAVERLY PLACE 60 N Clay. Erect partitions.
Owner, Lee Estate, 810 Clay, S. F.
Architect, None.
Contractor, Wm. Little, 753 8th Ave., San Francisco.
COST, \$500

(4556) NO. 1665 HAIGHT. Install steam heating system, add new chimney and alter room.
Owner, German Savings & Loan Ass'n, 1661 Haight, S. F.
Architect, None.
Contractor, Atlas Heating & Ventilating Co., 72 Freelon, S. F.
COST, \$1000

(4557) NO. 1637 HYDE. Install steam heating system, chimney and construct toilet room.
Owner, J. Meyer, 1645 Hyde, S. F.
Architect, None.
Contractor, Atlas Heating & Ventilating Co., 72 Freelon, S. F.
COST, \$100

(4558) NO. 139 GEARY. Erect marquise.
Owner, Prussia Co., Premises.
Architect, Bliss & Faville, Balboa Bldg., San Francisco.
Contractor, Conlin & Roberts, 410 Natoma, San Francisco.
COST, \$1600

(4559) SW MARKET AND 14TH. Excavation, back filling, concrete, boiler radiators, piping, hot water boiler, etc., for oil burning equipment and steam heating apparatus for three-story apartment building.

Owner, Louise R. Barrollett.
Architect, Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor, Victor Eng. Co., 21 Spear, San Francisco.

Filed Dec. 20, '13. Dated Dec. 17, '13.
All piping roughed in & tested.....\$440
Boiler and heaters installed..... 440
Installed and accepted..... 490
Usual 35 days..... 457
TOTAL COST, \$1827

Bond, \$918. Surety, American Surety Co. Limit, March 1, '14. Forfeited, none. Plans and specifications filed.

(4560) EXPOSITION SITE. Furnishing, delivering and placing rock for seawall and breakwaters.

Owner, Panama-Pacific International Exposition Co., Service Bldg., San Francisco.
Architect, None.

Contractor, Healy Tibbitts Constr Co.,
9 Main, San Francisco.
Filed Dec. 20, '13. Dated Dec. 19, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$16,200

Bond, \$9000. Surety, Globe Indemnity
Co. Limit, 90 days. Forfeit, \$10. Plans
and specifications filed.

(4561) EXPOSITION SITE. Founda-
tion piling for Court of Honor.
Owner.....Panama-Pacific Interna-
tional Exposition Co. Ser-
vice Bldg., San Francisco.
Architect.....None.
Contractor, Healy Tibbitts Constr Co.,
9 Main, San Francisco.
Filed Dec. 20, '13. Dated Dec. 19, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,326

Bond, \$6000. Surety, Globe Indemnity
Co. Limit, 60 days. Forfeit, \$15. Plans
and specifications filed.

NOTICE OF SALE.

Dec. 15, 1913—Bernard Zellensky (as
Reliable Electric Co. to Bernard Zel-
lensky and J. R. Sklare, electric busi-
ness at 126 Eddy street; sale to take
place December 22, 1913, at 151 Eddy
street.

BUILDER'S HOND.

Dec. 15, 1913—Refers to Contract Dated
Dec. 10, 1913. Patrick J. Roddy, own-
er with Harry W. Arnold, contractor,
Sureties, J. J. Marratti and H. J. Thue-
sen. Bond, \$2100.

NOTICE OF NON-LIABILITY.

Dec. 19, 1913—PTX SE CALIFORNIA
and Leidesdorff. The Insurance
Exchange as to improvements on
leased property

NOTICE OF NON-LIABILITY.

Dec. 15, 1913—SW FOURTH AND
Brannan 35 on Fourth and 100 on
Brannan. Mortimer Fleishacker
as to improvements on leased prop-
erty

WAR ON SHARKS.

Frames in Fire Limits Must Go.

In a report submitted by John P.
Horgan, Chief Inspector of Buildings,
to the Board of Public Works shows
that there are now 119 frame shacks
within the Fire Limits yet to be re-
moved. The structures are used for
commercial purposes and action will
be taken immediately to cause their
removal. Notices will be served on
owners and tenants of these buildings
to vacate and tear down within a
specified time.

INCORPORATIONS.

Farms Leasing Co. Capital Stock,
\$25,000; subscribed, \$5; shares, \$1 each.
Directors—H. W. Postlethwaite, J. W.
McKechnie, C. M. Was burn, W. J.
Fyrrnes, R. Lugh, 1 share each. Place of
business, San Francisco.
International Outfitting Co. Capital
Stock, \$10,000; subscribed, \$3; shares,
\$1 each. Directors—L. Klein, N. Kob-
lick and A. Poltz, 1 share each. Place
of business, San Francisco.

Eureka Fluid Works. Capital Stock,
\$10,000; subscribed, \$30; shares, \$10 each.
Directors—H. Morgan, L. D. Frank, W.
O. Smith, 1 share each. Place of busi-
ness, San Francisco.

The Souvenir Watch Co. Capital
Stock, \$100,000 subscribed, \$10 shares,
\$1 each. Directors—H. H. Harris, N. A.
Shoor, E. A. Cochran, A. S. Newburgh,
H. Zekind, 2 shares each. Place of
business, San Francisco.

Rapken & Co. Capital Stock, \$10,000,
subscribed, \$500; shares, \$100 each. Di-
rectors—N. G. Weiss, J. D. Repken, M.
A. Rapken, 1 share each. Place of busi-
ness, San Francisco.

Tamalpais Valley Land Co. Capital
Stock, \$250,000 subscribed, \$500 shares,
\$100 each. Directors—A. L. Dahl, A. E.
Boynlton, F. J. Mott, H. G. Hill, R. K.
Barrows, 1 share each. Place of busi-
ness, San Francisco.

Devisadero Street Stables. Capital
Stock, \$5000 subscribed, \$5000 shares,
\$10 each. Directors—T. L. Ayres, 488
shares E. T. Ayres, G. D. Stew, 1 share
each. Place of business, San Francisco.

Scott Co. Capital Stock, \$100,000
subscribed, \$300; shares, \$100 each. Di-
rectors—W. P. Scott, H. W. Van Pelt,
C. J. Doughty, 1 share each. Place of
business, San Francisco.

The Distillate Motor Equipment Co.
Capital Stock, \$200,000; subscribed \$500;
shares, \$100 each. Directors—H. M.
McDonald, W. M. McDonald, G. S. Bart-
lett, A. R. Lavin, W. G. Barnes, 1 share
each. Plans of business, San Francisco.

Compensation Merit Rating Bureau.
Capital Stock, \$10,000; subscribed, \$300;
shares, \$100 each. Directors—C. N. Neal,
A. B. Miller, A. B. Harris, 1 share each.
Place of business, San Francisco.

International Feature Film Co. Cap-
ital Stock, \$100,000; subscribed, \$3;
shares, \$1 each. Directors—John T.
Fleming, E. E. Smith, W. Morris, 1
share each. Place of business, San
Francisco.

COMPLETION NOTICES.

San Francisco.

Dec. 12, 1913—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co. to Healy Tibbitts Constr
Co, Oct 6. The Turner Co Dec. 11, 1913

Dec. 12, 1913—S ROSE AVE 120 E
Gough E 27-6 S to NW Market SW
to a pt caused by intersection of a
line drawn at r a to Rose Ave at a
pt of beg with NW Market N to S
Rose Ave and pt of beg. Bruce
Cornwall to H A Chalmers, Dec 11;
Otis Elevator Co.....Dec. 10, 1913

Dec. 12, 1913—COM 165 W TAYLOR
and 60 S Pacific S 77-6 W 110 N 30
W 5-6 N 47-6 E 115-6. Theodore
Gibson to whom it may concern.....Dec. 11, 1913

Dec. 12, 1913—LOT 10 BLK "X" of
Park Lane Tract No. 3. David and
Lucy Caen to Jacob F Nielsen.....Dec. 4, 1913

Dec. 12, 1913—W KEARNY 97-6 N
Union N 37-6W 60. Paolo and
Giuseppe Tufo to F C Amoroso.....Dec. 11, 1913

Dec. 12, 1913—SE MARKET 43 SW
Noe SW 62-2 3/4 S 88-4 1/2 E 50 N
42-9 1/2 W 22-8 N 86-0 1/2. Wm and
Ellis Nasser to Higginson Co.....Dec. 10, 1913

Dec. 15, 1913—S TURK 27-6 E Polk
30XN5. Theodore Bielenberg to J G
Kincannon.....Dec. 15, 1913

Dec. 15, 1913—W FOURTH 75 S
Minna S 31-1 1/2 X 137-6. Boyd Inval
Co to A W Bryant.....Dec. 1, 1913

Dec. 13, 1913—W KEARNY 35 N Calli-
foria N 30xW 50-5. Lachman
Bros. (Gustave and Edward) to C E
McMullin & Co.....Dec. 3, 1913

Dec. 13, 1913—S CLAY 84-9 E Stock-
ton E 52-0 1/2 X 875-6. Jos B. Adrien,
Eulalie and Marie Bauchou to B
C Van Emon, Dec 11; John G Sutton
Co, Dec. 11; Wm Little.....Dec. 11, 1913

Dec. 13, 1913—N IRVING 120 W 7th
Ave W 25XN 100. Jens P Nissum to
Isaac Penny.....Dec. 11, 1913

Dec. 13, 1913—NW NOREIGA AND
Great Highway E 192-8 N 100 W
100 S 50 W 95-2 1/2 S 50-0 1/2. G P
Spoltorno to Howard S Williams.....Dec. 4, 1913

Dec. 13, 1913—W EIGHTH AVE 175 S
Cabrillo S 25XN 120. J J Brusher
to John V Stiefel.....Dec. 10, 1913

Dec. 13, 1913—S FILBERT 179-5 1/2 E
Gough E 27X S 137-6 V and G Rege
to Montani & Stefani.....Dec. 12, 1913

Dec. 13, 1913—N BUSH 236-11 W Ma-
son W 32-8XN 137-6. Julia Cronan
to E C Curtis and Otis Elevator Co
.....Dec. 12, 1913

Dec. 15, 1913—COMG AT INTR OF
line drawn parallel with E Belve-
dere being drawn N from a point
on Carmel at pt 150 E Belvedere with
a line drawn parallel with N Carmel
being drawn E from a pt on
Belvedere 75-10 N Carmel N 25-0 1/2
parallel with Belvedere, E 60-0 1/2
with Carmel 122-1 1/2 m or l to W
Clayton (Ashbury) S 25-9 W 126-1
m or l. Joseph L and Elizabeth
Taaffe to Gillogley & Sons.....Dec. 11, 1913

Dec. 16, 1913—S MANGLES AVE 175
W Baden W 75XN 100 Lot 34 Blk
40, Sunnyside. Rasmus Carlson to
whom it may concern.....Dec. 12, 1913

Dec. 16, 1913—N SILVER AVE bet
Mission and Craut Lot 11 Blk 4,
College Hld. Ass'n. E Calegari to
New Era Bldg Co, Inc.....Dec. 13, 1913

Dec. 16, 1913—S ELIZABETH 47-6 W
Castro W 22-6X S 70. Tina Hinkel
to whom it may concern.....Dec. 15, 1913

Dec. 16, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 50-10 1/2
W 60 = 77-6. Wm F Wilson Est Co
to W P Fuller Co.....Dec. 15, 1913

Dec. 16, 1913—S PINE 112-6 E Leav-
enworth E 25X S 137-6. William H
and David F Kelly to Higginson &
Co.....Dec. 10, 1913

Dec. 16, 1913—N HOWARD 375 E 5th
N 80 W 199 N 80 E 125 S 160 W 25.
Boyd Invest Co to A W Bryant.....Dec. 15, 1913

Dec. 17, 1913—NO. 760 MARKET AND
25 O'Farrell. Gore Car. Market,
O'Farrell and Grant Ave. Jas D
Phelan to Wm H Tessier.....Dec. 16, 1913

Dec. 17, 1913—W DEVISADERO 52-6
S Filbert W 112-6X S 30. Rose
Thompson Ogle to Jas P Fletcher
.....Nov. 29, 1917

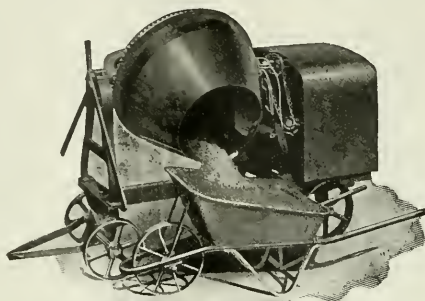
Dec. 17, 1913—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to D J and T Sullivan
.....Dec. 13, 1913

Dec. 17, 1913—E HYDE 97-8 N Fil-
bert N 40X E 59-1 1/2. Herbert E
Rose to Fidelity Constr Co.....Dec. 17, 1913

Dec. 17, 1913—W MASON 77-6 S
Broadway S 40XW 137-6. Sarah
Pearce to W G Hind and A E Hind
(as Fidelity Constr Co) Dec. 16, 1913

Dec. 17, 1913—S POST 66-10 1/2 E Po k

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BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations, bridges, walls, culverts, etc.

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San Francisco

E 19-7½xS 120. City Electric Co to J D Bluxome (as Bluxome & Co.)...
.....Dec. 13, 1913
Dec. 17, 1913—LOTS 13, 15, 17 BLK 18 of the C S Allred Sub of Blks 17 and 18 West End Map 1. C S Allred to whom it may concern. Dec. 13, 1913
Dec. 17, 1913—E TWELFTH AVE 25 S Anza S 25xE 100. Alfred T Morris to whom it may concern. Dec. 15, 1913
Dec. 17, 1913—N TWENTY-FIFTH 142-6 E Church E 25x114. J S Purcell to whom it may concern....
.....Dec. 12, 1913
Dec. 17, 1913—NW POST AND SCOTT N 165 W 182-6 S 55 E 55 S 110 E 137-6. Mt. Zion Hospital to John C Hls & Co.....Dec. 15, 1913
Dec. 17, 1913—SE PINE & POWELL E 68-6xS 60. California Plate & Window Glass Co vs John H Bohlig and George H Stoffels.....1203.95
Dec. 17, 1913—N NINETEENTH 175 E Sanchez E 25xN 114 (re-recorded) A Davis vs Jos Herb, Linda E Herb and S Malmberg.....\$273
Dec. 17, 1913—S MINERVA 275 E Plymouth Ave S 125xE 50; ptn Lot 2 blk "Q" R R Hd. The Greater City Lumber Co vs Henry C Taylor and David Galloway.....\$577.20
Dec. 17, 1913—N SACRAMENTO 100 W Larkin W 57-6xN 127-6. Russell Hinton vs N G Franz, A and Ben D Harris.....\$64
Dec. 18, 1913—SW DEVISADERO & Oak W 90xS 50. Sam Zion vs W H Bagge and Richey Riddell.....\$165
Dec. 18, 1913—SW VAN NESS AVE & California W 124xS 60. C Jorgensen & Co vs Northern Constr Co and Albert Abramson.....\$80
Dec. 19, 1913—SW NINTH 75 SE Har-

risez SW 100xSE 75. T W Simmie & Co, \$75; L A Norris, \$2700; Kligerman & Brehn, \$111; Olsen-Mahony Lumber Co, \$1082.20; William Elec Co, \$96.36; I Zimmerman, \$250; Schwartz & Gottlieb, \$630; A Knowles and R Rodgers, \$200; Graueci Hardware Co, \$49.40; Western Asbestos Magnesite Co, \$250; Enterprise Foundry Co, \$76; Bay Development Co, \$250 vs Richard I Whelan, M Clark and 11 Ludwig (as Clark & Ludwig).....

LIENS FILED

San Francisco.

Dec. 12, 1913—SE BUSH & CHELSEA Place E 39-6xS 82-6. American Radiator Co vs T J Crowley, H P Stollenberg and Geo Haub.....\$342.45
Dec. 12, 1913—SW CALIFORNIA AND Van Ness Ave S 60xW 134. C J Hillard Co vs Albert Abrams and The Northern Constr Co.....\$730.37
Dec. 12, 1913—E POWELL 37-6 N Jackson N 40xE 57-6. California Plate and Window Glass Co vs J A Mackenzie and Lath Constr Co.....\$209
Dec. 13, 1913—SW CALIFORNIA AND Van Ness Ave S 60 — 134 — 60 — 134. Joost Bros vs Albert Abrams and Northern Constr Co.....\$277.58
Dec. 15, 1913—N NINETEENTH 175 E Sanchez E 75xN 114. Hart-Wood Lumber Co vs Joseph and Linda E Herb and S Malmberg.....\$334.31
Dec. 15, 1913—W PENNSYLVANIA 100 N 18th N 50xW 100. George Ryan vs James McHugh and Jane Doe McHugh and F Taylor.....\$150.01
Dec. 15, 1913—LOT 12 BLK "A" Mis-

sion Terrace. Incandescent Supply Co vs Raymond H Banning, Ernest L Garcia, Jas E Stewart and Banning & Stewart.....\$55.30
Dec. 15, 1913—NE BUSH & GRANT Ave E 60xN 77-6. Archille Brunlicardi and Americo Tovani (as A Brunlicardi & Co) vs Wm VanHerick and Louis Friedman.....\$119
Dec. 16, 1913—W SEVENTH AVE 175 N Irving N 100xW 120. F Schmitz vs E B Hallett.....\$37.50
Dec. 16, 1913—SW CALIFORNIA & Van Ness Ave S 60xW 134. J H Kruse vs Albert Abrams & Northern Constr Co.....\$68.45
Dec. 16, 1913—NE BUSH & GRANT Ave E 60xN 77-6. Fibrestone & Roofing Co vs Louis Friedman and Wm Van Herick.....\$153
Dec. 16, 1913—SW BROADWAY AND Powell S 93-6xW 100. J A Marlin vs C A Jeffers and T Loncono (as Jeffers & Loncono) and Jacob Surface.....\$257
Dec. 16, 1913—N NINETEENTH 175 E Sanchez E 25xN 114. Re-record 62 liens 124. Eureka Sash, Door & Moulding Mills vs Joseph Herb, Linda E Herb & S Malmberg.....\$553.42
Dec. 17 1913—W TWENTY-SEVENTH Ave 125 S Lake S 25 W 120 N 25 E 125. Charles and Margaret Breuchle to Wilson & Christensen.....Dec. 1, 1913
Dec. 17, 1913—S MARKET, bet 5th and 6th; No. 929 Market. Joe Schoong Co to Elec Equip Co.....
.....Dec. 15, 1913
Dec. 18, 1913—SW GOLDEN GATE Ave (Tyler) and Taylor W 152-6 S 54-1½ m or 1 SE on a course at r a with Market 46-5½ m or 1 to NW Market at a pt 154-5½ SW Taylor NE 154-5½ N 1-6¼ m or 1. San Christina Invest Co, ¼; Claus A Spreckels and Rudolph Spreckels, Trs, 1-6; Claus A Spreckels, 1-6; Rudolph Spreckels, 1-6 to Mangrum & Otter.....Dec. 17, 1913
Dec. 19, 1913—N EDDY 105-S E Webster E 25xN 120. Union Trust Co, Grdn Estate William B, Mary E and Sarah K Ketter, J Craig Ketter and Mildred Page Ketter to Olat and Charles Monson (as Monson Bros).....Dec. 18, 1913
Dec. 19, 1913—S STEVENSON 467-6 W 7th W 28-9xS 75. Rincon Publishing Co to Ward & Goodwin.....
.....Dec. 12, 1913
Dec. 19, 1913—N GEARY 138 E Van Ness Ave E 26xN 120. Jas P Sweeney to M N Finlayson.....
.....Dec. 13, 1913
Dec. 19, 1913—N HANOVER 178 E Lowell 30 on Hanover by 213. Eben A Fisher to whom it may concern.....
.....Dec. 16, 1913
Dec. 19, 1913—E SIXTEENTH AVE 50 S Anza S 25xE 90. Emil Nelson to whom it may concern.....Dec. 10, '13
Dec. 19, 1913—S ROSE AVE 153-6 W Octavia W 40xS 40. G G Burnett Est Co to H C Warwick.....Dec. 19, '13
Dec. 13, 1913—N RUSH 236-11 W Mason W 32-8xN 137-6. Julia Cronan to Burch & Hoffman, E C Curtis Otis Elevator Co and Acme Iron.....
.....Dec. 12, 1913

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, none. Owner, H. Daven-

port, Commercial Bldg., Oakland. The dwelling will be erected on Shafter avenue and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, W. W. Grove. The house will be erected in the Claremont Tract and will contain eight rooms, bath, and sleeping porch. Interior finish will be of pine with oak panels in the living and dining rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantel will be of brick and tile. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans for the work are now being prepared.

FIRE HOUSE—2 story and base, reinforced concrete, \$25,000. Berkeley, Alameda Co., Cal. Architect, William H. Ratcliff Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. The building will be erected on the north side of Durant street near Shattuck avenue. Construction will be of reinforced concrete throughout. The first floor will contain apparatus room, office and repair shop. Upper floor has been arranged for the men's sleeping rooms, reading room and card room. Interior finish will be of pine and hardwood. Special electric and plumbing goods will be called for. Plans provide for steam heat. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and out for figures. Bids will be opened on December 23rd.

ELECTRIC CLOCK SYSTEM—Cost not stated. Oakland, Cal. Architects, Palmer and Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids are now being called for the installation of an electric clock system in the new City Hall. Plans can be secured from the City Clerk. Bids will be opened on January 30. An official proposal appears under another heading in this issue.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
3564	Parnham	Parnham	100
3565	McArthur	McArthur	2000
3568	Powell	Sexton	8750
3569	Same	Kimball	1473
3567	Pacific Gas & E Co.	Owner	1500
3571	Oak Concrete	Owner	400
3572	Fleitz	Sullivan	2750
3573	Perria	Silva	600
3574	Hunter	Hunter	400
3575	Boits	Boits	2000
3576	Wiser	Wiser	1800
3577	Wortherpoon	Spelt	1200
3578	Sligh	Williams	1500
3582	Fleitz	Sullivan	2750
3589	Ab Sing	Loring	400

3590	Fitzgerald	McKee	1000
3591	Peppin	Peppin	250
3594	Pfrang	Pfrang	2
3595	Guaranga	Thelle	700
3596	Pfrang	Pfrang	2500
3601	Murphy	Murphy	400
3602	Murry	Valente	1525
3603	Norton	Norton	500
3604	Dean	Hollenbeck	1000
3605	Same	Same	1800
3606	Same	Same	1700
3607	Same	Same	1800
3608	Same	Same	1800
3609	Same	Same	1800
3610	Same	Same	1800
3612	Scott	Geary	2214
3613	Rivera	Geary	2500
3614	Powell	Fuller	2524
3615	Federal Rity	Arlett	1800
3616	Same	Rudgear	18000
3617	Same	U S Mt Prod	31120
3618	Same	Giant	1204
3619	Same	Justice	13997
3620	Dunn	Dunn	450
3621	Paxton	Hays	1000

(Correction in Location).

(3551) W CLAREMONT AVE 100 S 60th, Oakland. All work for two-story fire-room dwelling.

Owner.....Henry and Mary Kroeger, 361 60th, Oakland.

Architect....Al. J. Mazurette, Bacon Bldg., Oakland.

Contractor..Bay Cities Bldg. & Realty Company, Oakland.

Filed Dec. 11, '13. Dated Sept. 29, '13.

Frame up\$1600

Rough plaster on.....389

Completed.....385

Usual 35 days.....380

TOTAL COST, \$2750

Bond, none. Limit, 60 days after Sept. 29. Forfeit, none. Plans and specifications, none.

(3564) NO. 1350 E-THIRTY-THIRD, Oakland. Alter and repair.

Owner.....F. J. Farnham, Premises.

Architect....None.

Day's work.....COST, \$1400

(3565) S FIFTIETH 33 E Shafter Ave. Oakland. One-story 5-room dwlg

Owner.....Chas. McArthur, 332 Fifth, Oakland.

Architect....None.

Day's work.....COST, \$2000

(3567) W MARKET 300 S First, Oakland. Two-story 2-room corrugated iron store house.

Owner.....Pacific Gas & Electric Co., 13th and Clay, Oakland.

Architect....None.

Day's work.....COST, \$1500

(3568) NE THIRTEENTH AND WEBSTER E 100XN 50, Oakland. Plastering for seven-story brick and steel hotel.

Owner.....H. A. Powell, Oakland.

Architect....F. D. Voorhees, Central Bank Bldg., Oakland.

Contractor..T. D. Sexton, 2508 Market, Oakland.

Filed Dec. 16, '13. Dated ———.

1st of each month.....750

Usual 35 days.....250

TOTAL COST, \$8750

Bond, \$1645. Surety, Fidelity & Deposit Co. Limit, 20 days after building ready for lath. Forfeit, \$25. Plans and specifications filed.

(3569) ELECTRIC WORK ON ABOVE

Contractor..Kimball Elec. Co., 1311 Webster, Oakland.

Filed Dec. 16, '13. Dated Dec. 15, '13.

Payments same as above

TOTAL COST, \$1475

Bond, \$750. Surety, American Surety Co. Limit, 3 days after painting completed. Forfeit, \$25 per day. Plans and specifications filed.

(3571) NOS. 2227-33 MARKET, Oakland. Addition.

Owner.....Oakland Concrete Terrazzo & Mosale Co., Premises.

Architect....None.

Day's work.....COST, \$100

(3572) W WEBSTER 300 S 40th, Oakland. Two-story 7-room dwelling.

Owner.....Leo. A. Fleitz, 3919 Webster, Oakland.

Architect....None.

Contractor..Sullivan Bros., 6452-56 Harmon Court, Oakland.

COST, \$2780

(3573) S OLIVE AVE 175 S Holly, Oakland. One-story 4-room dwelling

Owner.....Manuel Ferria.

Architect....None.

Contractor..M. R. Silva.

COST, \$600

(3574) NO. 1933 E-TWENTY-THIRD, Oakland. Three-room addition.

Owner.....John Hunter, Premises.

Architect....None.

Day's work.....COST, \$400

(3575) S HARPER COURT 120 W 35th Ave. Oakland. One-story 5-room dwelling.

Owner.....M. C. Bolts, 3116 Central Ave., Alameda.

Architect....None.

Day's work.....COST, \$2000

(3576) S YGNACIO 400 E Cole, Oakland. One-story 5-room dwelling.

Owner.....Gordon J. Wiser, 5018 Fairfax Ave., Oakland.

Architect....None.

Day's work.....COST, \$1800

(3577) E RUSSET 131 S 105th Ave., Oakland. Two-story 7-room dwelling and store.

Owner.....R. Wortherpoon, San Mateo, California.

Architect....None.

Contractor..A. W. Spelt, 539 Day, S. F.

COST, \$1900

(3578) S MONTANA 153 W Peralta Ave. Oakland. One-story 6-room dwlg.

Owner.....Ida Sligh, Cor. Peralta & Montana, Oakland.

Architect....None.

Contractor..Williams & Simmons, 1236 37th Ave., Oakland.

COST, \$1500

(3579) LOT 9 BLK "C" 973 Map No. 1 of Sub of Pin Central Oakland, being No. 3919 Webster, Oakland. All work for two-story 7-room dwelling.

Owner.....Leo. A. Fleitz, Oakland.

Architect....Hutchinson Bros., 470 13th, Oakland.

Contractor..Sullivan Bros., 6452 Harmon Court, Oakland.

Filed Dec. 17, '13. Dated Dec. 15, '13.

Frame up4

Interior rough coat plaster on.....4

Completed and accepted.....4

Usual 35 days.....4

TOTAL COST, \$2780

Bond \$1290. Surety, E. Sullivan. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(3580) NO. 710 WEBSTER, Oakland Alterations

Owner.....Ah Sing, Premises.

Architect....None.

Contractor..E. Laling.

COST, \$1000

(3590) N ROBERTS AVE 100 E Bird-sall Ave., Oakland. One-story 4-room dwelling.

Owner.....Clara L. Fitzgerald, Roberts Ave near Birdsall Ave., Oakland.

Architect...None.

Contractor...Jas. T. McKee, Oakland.

COST, \$110

(3591) S FOOTHILL BLVD. 147 W Central Ave., Oakland. One-story 5-room dwelling.

Owner.....G. B. Peppin, 639 66th, Okd Architect...None.

Day's work COST, \$2500

(3594) W SIXTY-SIXTH AVE 40 S Arthur, Oakland. One-story 5-room dwelling.

Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(3595) S FORTY-EIGHTH 200 W Shattuck Ave., Oakland. One-story four-room dwelling.

Owner.....Frank Guaranga, 557 48th, Oakland.

Architect...None.

Contractor...Theile & Lukes, 547 Filbert Oakland.

COST, \$700

(3596) W SIXTY-SIXTH AVE 200 S Arthur, Oakland. One-story 5-room dwelling.

Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(3601) S LOUISE 100 W Birdsall, Oakland. One-story 3-room dwelling.

Owner.....David C. Murphy.

Architect...None.

Day's work. COST, \$400

(3602) E FREMONT 200 N 59th, Oakland. One-story 5-room dwlg.

Owner.....J. Murry, Oakland.

Architect...None.

Contractor...M. E. Valente, 5882 Vallejo Oakland.

COST, \$1525

(3603) W MIDVALE AVE 40 N Wisconsin, Oakland. One-story four-room dwelling.

Owner.....Hattie S. Norton, 3951 Midvale Ave., Oakland.

Architect...None.

Contractor...H. T. Norton, 3951 Midvale Ave., Oakland.

COST, \$500

(3604) N WADEAN PLACE 120 E 54th Ave., Oakland. One-story five-room dwelling.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1900

(3605) S WADEAN PLACE 40 E 51th Ave., Oakland. 1-st 5-room dwlg.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1800

(3606) S WADEAN PLACE 120 E 54th Ave., Oakland. One-story 5-room dwelling.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1700

(3607) N WADEAN PLACE 250 E 51th Ave., Oakland. One-story 5-room dwelling.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1800

(3608) N WADEAN PLACE 200 E 54th Ave., Oakland. 1-st 5-room dwlg.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1800

(3609) S WADEAN PLACE 200 E 54th Ave., Oakland. 1-st 4-room dwlg.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1600

(3610) S WADEAN PLACE 320 E 54th Ave., Oakland. 1-story 5-room dwlg.

Owner.....Dean & Wade, Oakland.

Architect...None.

Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.

COST, \$1800

(3612) N RICH 260 W Webster, Oakland. All work for one-story six-room dwelling.

Owner.....Trinidad R. Scott, S. F.

Architect...None.

Contractor...L. G. Geary, 5352 Locksley Ave., Oakland.

Filed Dec. 19, '13. Dated Dec. 19, '13.

As work progresses.....\$1314

Usual 35 days.....900

TOTAL COST, \$2214

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3613) N FORTY-SECOND 271 W Webster, being ptu Lot 10 blk "L" Map No. 3 Sbdvn Central Oakland, Oakland. All work for one and one-half-story dwelling.

Owner.....Marie B. Rivera, S. F.

Architect...None.

Contractor...L. G. Geary, 5352 Locksley Ave., Oakland.

Filed Dec. 19, '13. Dated Dec. 18, '13.

As work progresses.....\$2200

Usual 35 days.....500

TOTAL COST, \$2500

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3614) NE THIRTEENTH AND WEBSTER E 100XN 50, Oakland. Furnish and set all glass and mirrors for 7-story brick and steel hotel.

Owner.....H. A. Powell, Oakland.

Architect...F. D. Voorhees, Central Bank Bldg., Oakland.

Contractor...W. P. Fuller & Co., 10th & Alce, Oakland.

Filed Dec. 19, '13. Dated Dec. 19, '13.

Completed and accepted.....\$1893

Usual 35 days.....621

TOTAL COST, \$2521

Bond, \$1500. Surety, Fidelity & Deposit Co. Limit, 3 days after carpenter work completed. Forfeit, \$25. Plans and specifications filed.

(3615) E TELEGRAPH AVE AND W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Oakland. Architectural terra cotta for 12-story, attic and basement Class "A" office building.

Owner.....Federal Realty Co., Okd.

Architect...B. G. McDougall, Sheldon Bldg., San Francisco.

Contractor...Arthur Arlett, 2522 Dwight Way, Berkeley.

Filed Dec. 20, '13. Dated Dec. 12, '13.

Once a month.....75%

Usual 35 days.....25%

TOTAL COST, \$3200

Bonds, \$1600 and \$1000. Surety, Aetna Accident & Liability Co. Limit, 50 days. Forfeit, \$125. Plans and specifications filed.

(3616) ORNAMENTAL, CAST AND wrought iron and bronze work on above.

Contractor...Rudgear-Merle Co., Bay and Stockton, S. F.

Filed Dec. 20, '13. Dated Dec. 11, '13.

Payments same as above.....

TOTAL COST, \$18,000

Bonds, \$9000 and \$9000. Surety, Illinois Surety Co. Limit, 100 days. Forfeit, \$125. Plans and specifications filed.

(3617) SHEET METAL, ROOFING skylights, metal windows, jambs and trim on above.

Contractor...United States Metal Products Co., 525 Market, S. F.

Filed Dec. 20, '13. Dated Dec. 10, '13.

Payments same as above.....

TOTAL COST, \$31,120

Bonds, \$15,560 and \$15,560. Surety, American Surety Co. Limit, 100 days. Forfeit, \$125. Plans and specifications filed.

(3618) VACUUM CLEANING SYSTEM on above.

Owner.....Giant Suction Cleaner Co., 3rd and Jefferson, Oakland

Filed Dec. 20, '13. Dated Dec. 12, '13.

Payments same as above.....

TOTAL COST, \$1204.50

Bonds, \$602.25 and \$602.25. Surety, Southwestern Surety Insurance Co. Limit, 30 days. Forfeit, \$125. Plans and specifications filed.

(3619) METAL FURRING, LATHING and plastering on above.

Contractor...Kudke & Stevenson, 333 Kearny, San Francisco.

Filed Dec. 20, '13. Dated Dec. 2, '13.

Payments same as above.....

TOTAL COST, \$13,097

Bond, \$6548.50 and \$6548.50. Surety, National Surety Co. Limit, 60 days. Forfeit, \$125. Plans and specifications filed.

(3620) E EIGHTY-SIXTH AVE 120 N "A", Oakland. Alterations and additions.

Owner.....Harry Dunn, 1316 86th Ave Oakland

Architect...None.

Day's work. COST, \$150

(3621) E TWENTY-FIFTH AVE S E 26th, Oakland. One-story four-room dwelling.

Owner.....Mrs. M. L. Paxton, 814 20th Oakland.

Architect...None.

Contractor...C. C. Hays, 5827 Ayala, Oakland.

COST, \$1000

OAKLAND'S BUILDING OPERATIONS

From December 1, 1912, to December 1, 1913.

Compiled by Max Mantell, Bureau of Licenses.

Month & Year	No. Permits	Cost
December, 1912.....	145	\$28,681.00
January, 1913.....	159	608,822.25
February, 1913.....	193	596,164.00
March, 1913.....	241	917,022.20
April, 1913.....	195	635,176.20
May, 1913.....	189	1,287,145.60
June, 1913.....	143	775,517.00
July, 1913.....	146	660,588.25
August, 1913.....	193	1,089,996.40
September, 1913.....	191	1,044,424.00
October, 1913.....	172	777,587.45
November, 1913.....	163	1,143,226.25
Total.....	2100	\$5,355,250.70

COMPARISON WITH PREVIOUS YEAR

1911 to 1912, 2388 permits, total cost, \$8,821,950.35.
1912 to 1913, 2100 permits, total cost, \$5,355,250.70.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
3563	United Bldrs.....	Koller	1900
3564	Wilson.....	Kidder	50000
3570	Kiel.....	Koller	100
3579	Fox.....	Kopf	2000
3580	Mills.....	Stand Rude	1650
3581	Wilson.....	Foss	2600
3592	Montana.....	Larmer	1800
3593	Montana.....	Larmer	1800
3597	Thelan.....	Engler	7000
3598	Cohn.....	Muiler	10000
3599	Lyons.....	Koller	2500
3600	Cong Ch.....	Montgomery	400
3611	Grier.....	Turner	3300

(3563) E LEE 211 S Ashby Ave, Berkeley. One-story 6-room dwelling.
Owner.....United Home Bldg., 1762 Broadway, Oakland
Architect.....None
Day's work.....
COST, \$1900

(3566) W KITTREDGE 87.3 E Shattuck Ave, Berkeley. Two-story Class "C" theatre.
Owner.....F. M. Wilson and J. Muldun 2100 Ridge Road, Berkeley.
Architect.....A. W. Cornelius, Merchants' National Bk, S. F.
Contractor.....Kidder & McCullough, 1975 Addison Berkeley.
COST, \$30,000

(3570) NO. 1728 ROSE, Berkeley Repairs
Owner.....M. Kiel Premises
Architect.....None
Contractor.....Jacob Koller, 2533 Piedmont Ave, Berkeley
COST, \$100

(3579) S EUNICE 150 W Euclid, Berkeley. One and one-half-story 7-room dwelling.
Owner.....Mrs. L. A. Fox, 2414 Eunice Berkeley.
Architect.....None.
Contractor.....Benj. Kopf, 1015 82nd Ave., Oakland.
COST, \$2000

(3580) N VIRGINIA 240 E Chestnut, Berkeley. One-story 1-room dwlg.
Owner.....Mr. Alma Bess, 1114 Filbert, Oakland.
Architect.....A. L. Read, Fresno.

Contractor.....Standard Bldg. Co., 5670 Oak Grove Ave., Oakland.
COST, \$1650

(3581) LOTS 7 AND 8 BLAKE TRACT No. 3, being on N Kittredge near Shattuck Ave., Berkeley. Grading and excavating for Class "C" theatre.
Owner.....Frank M. Wilson and John Muldun, 2100 Ridge Road, Berkeley.
Architect.....A. W. Cornelius, Merchants' National Bank Bldg., S. F.
Contractor.....M. S. Foss, 1711 Grove, Berkeley.
Filed Dec. 17, 13. Dated Dec. 16, '13.
On 1st and 15th of each month. 7 days.
Usual 25 days.....25%
TOTAL COST, \$2600

Bond, \$1300. Sureties, Martin S. and Fred W. and Martin Foss. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(3592) S JULIA 168 E California, Berkeley. One-story 5-room dwelling.
Owner.....Frank Montana, 1631 Tyler, Berkeley.
Architect.....None.
Contractor.....Edw. Larmer, 470 Boulevard Way, Oakland.
COST, \$1800

(3593) S JULIA 150 E California, Berkeley. One-story 5-room dwelling.
Owner.....Frank Montana, 1631 Tyler, Berkeley.
Architect.....None.
Contractor.....Edw. Larmer, 470 Boulevard Way, Oakland.
COST, \$1800

(3597) W ALVERADO ROAD 50 N Bridge Road, Berkeley. Two-story 8-room dwelling.
Owner.....Max Thelan, 2334 Bowditch, Berkeley.
Architect.....Albert Farr, 68 Post, S. F.
Contractor.....Louis Engler, 2721 Haste, Berkeley.
COST, \$7000

(3598) NE ADELINE & ALCATRAZ, Berkeley. One-story Class "C" store building
Owner.....Abe and Jules Cohn, 3220 Telegraph Ave, Bkly.
Architect.....Clay N. Burrell, Albany Bk., Oakland.
Contractor.....F. A. Muller, 805 Syndicate Bldg., Oakland.
COST, \$10,000

(3599) S PRINCE 376 E Dana, Berkeley. Two-story 6-room dwlg.
Owner.....W. Lyons, Channing Way Berkeley.
Architect.....None.
Contractor.....Jacob Koller, 2533 Piedmont Ave., Berkeley.
COST, \$2500

(3600) SW DANA AND DURANT, Berkeley. Alterations.
Owner.....1st Congregational Church Premises.
Architect.....None.
Contractor.....W. S. Montgomery, 2321 Ward, Berkeley.
COST, \$100

(3611) N VIRGINIA 320 W California, Berkeley. Two-story 6-room dwlg.
Owner.....T. Grier, 1197 Ellis, S. F.
Architect.....None.
Contractor.....John Turner, 2635 Mission, San Francisco.
COST, \$3890

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
3583	Anderson.....	Mac Rae	800
3584	Strang.....	Strang	1800
3585	Hillen.....	Hillen	3000
3586	Button.....	Button	4900
3587	Button.....	Button	3800
3588	Anderson.....	Rockingham	1850

(3583) BROADWAY AND CENTRAL Ave., Alameda. Alter dwelling.
Owner.....F. M. Anderson, Premises.
Architect.....None.
Contractor.....C. W. Mac Rae, 2315 Encinal Ave., Alameda.
COST, \$800

(3584) NO. 1717 HIBBARD, Alameda. One-story 5-room dwelling.
Owner.....V. N. Strang, 1319 Burbank Alameda.
Architect.....None.
Day's work.....
COST, \$1800

(3585) NO. 1448 FERNSIDE BLVD., Alameda. One-story 6-room dwlg.
Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.
Architect.....None.
Day's work.....
COST, \$3000

(3586) NO. 1600 CENTRAL AVE., Alameda. Two-story 7-room dwelling.
Owner.....J. W. Button, 347 63rd, Okd
Architect.....None.
Day's work.....
COST, \$4000

(3587) NO. 1604 CENTRAL AVE., Alameda. Two-story dwelling.
Owner.....J. W. Button, 347 63rd, Okd
Architect.....None.
Day's work.....
COST, \$3800

(3588) NO. 1921 WILLOW, Alameda. One-story 5-room dwelling.
Owner.....Hanna Anderson, Premises.
Architect.....None.
Contractor.....J. H. Rockingham, 2306 San Jose Ave., Alameda.
COST, \$1850

COMPLETION NOTICES.

ALAMEDA COUNTY

Dec. 12, 1913—S SIXTH 125 E Brush, Okd. V Morell to Gaspard & Sharp
Dec. 12, 1913—COR DWIGHT WAY and Piedmont Ave, Bkly. T M Seaman to H D Koeh.....Dec. 1, 1913
Dec. 12, 1913—PTN LOTS 1, 2, AND 3 Blk "C" Stanford Tract, Oakland. Clarence G and Bradetta S Lane to C Texdahl.....Dec. 10, 1913
Dec. 13, 1913—W 40 FT. OF E 90 FT. Lot 5 Blk "B" Map Elmwood Park, Bkly. F C Curry to Sullivan Bros.....Dec. 12, 1913
Dec. 13, 1913—W 40 FT. LOT 8 BLK "B" Map Elmwood Park, Bkly. F C Curry to Sullivan Bros.....Dec. 12, 1913
Dec. 13, 1913—NW CLAREMONT AVE 100 SW 60th, being No. 5985 Claremont Ave, Okd. May and Henry Kroeger to Bay Cities Bldg & Realty Co.....Dec. 3, 1913
Dec. 15, 1913—LOT 1 Elmwood Court Tract, Bkly. Mrs Charles Fish to Oscar Saarinen.....Dec. 5, 1913
Dec. 15, 1913—PTN LOTS 1 AND 2 Blk 9 Claremont Park, Bkly. S G Down to J W Buskirk.....Dec. 15, 1913
Dec. 16, 1913—NO. 95 PLAZA DRIVE being Lot 30 Blk 11 Claremont Park, Bkly. V S Kidd to Jacob

House.....Dec. 15, 1913
Dec. 17, 1913—PTN LOT 32 AND LOT
34 Map Piedmont Tract, Okd. F G
Becker to United Home Bldrs....
.....Dec. 14, 1913
Dec. 17, 1913—S FIFTY-SIXTH 350 W
Telegraph Ave W 25xS 110, Okd.
Frank L Powell to United Home
Bldrs.....Dec. 9, 1913
Dec. 17, 1913—NE THIRTEENTH &
Webster E 100xN 50. H A Powell
to E Hogberg and John Ludwig....
.....Dec. 13, 1913
Dec. 17, 1913—NW AYALA AVE AND
Miranda NE 42.50 to pt beg NE
52.50 NW 117.35 SE 30 SE 100.82,
Okd. United Home Bldrs to whom
it may concern.....Dec. 5, 1913
Dec. 17, 1913—NW AYALA AVE AND
Miranda N 127.50 to pt beg NE
34.44 NE 8.13 NW 149.76 SW 28.50
SE 134.91, Okd. United Home
Bldrs to whom it may concern....
.....Dec. 8, 1913
Dec. 18, 1913—NW FIFTEENTH AND
Washington N 69.58 W 59.34 S 30.92
E 44.95, Okd. Charles J Heeseman
to Rudger-Merle Co.....Dec. 12, 1913
Dec. 18, 1913—LOT 17 BLK 5 on
Contra Costa Road, Claremont, Bkly
Mary G Newmark to Kidder & Mc-
Cullough.....Dec. 12, 1913

LIENS FILED.

ALAMEDA COUNTY.

Dec. 12, 1913—LOT 11 Robinson Tract
Ala. Rhodes-Jamieson & Co vs J
B Randall and W T Blakely.....\$51.05
Dec. 12, 1913—SW TWENTY-FIFTH
and Telegraph Ave S 50xW 100, Okd
E K Wood Lumber Co vs Christlan-
sen & Smith and Wilhelmina Street
.....\$1719.17
Dec. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94 S
52.13 th 157 to pt beg, Okd. D J
Henderson vs Atlas Stone Co and
First Presbyterian Church of Oak-
land.....\$103
Dec. 13, 1913—NE WEBSTER AVE
24th E 100xN 58.60, Okd. C Carne-
vali Marble & Mosaic Co vs C V
Norcoros and Leo Nichols.....\$58.50
Dec. 13, 1913—LOT 11 ROBINSON TCT
Alameda. W T Blakely vs J B
Randall.....\$103
Dec. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 W 199.94
S 52.13 th 157 to pt beg, Okd. De
Fremercy Cadman Materials Co vs
First Presbyterian Church of Oak-
land and Atlas Stone Co.....\$219.60
Dec. 13, 1913—SW TELEGRAPH AVE
and 25th 50x100, Okd. Union Floor
Co, \$75; Otto Bechtie, \$225 vs Wil-
helmina Street.....
Dec. 13, 1913—SW TELEGRAPH AVE
and 25th 50x110, Okd. Hodges &
Collins Lumber Co vs Wilhelmina
Street, R A Miller and Christiansen
& Smith.....\$142.04
Dec. 13, 1913—SW TELEGRAPH AVE
and 25th 50x100, Okd. Union Floor
Co, \$165.25; Golden Rule Sheet
Metal & Iron Works, \$280; Turner
Co, \$1153.35; National Roofing Co,
\$123.75; W J B McWhirter, \$525; L
D Prazee, \$25; Preston & Kelly,
\$56.25; Reinhart Lumber & Planing
Mill Co, \$1592.52; Schwarz & Got-
tlieb, Inc, \$423.75; C J Hillard Co,
Wilhelmina Street and Christiansen
& Smith.....
Inc, \$225; Fred Jurgewitz, \$120 vs
Dec. 13, 1913—1T 100 N Central Ave

and 176 E 5th N 34 2-12xW 76, Ala.
Reliance Mill & Lumber Co vs Wm
G Le Boyd.....\$128.32
Dec. 15, 1913—LOTS 6 AND 7 BLK
"O" Map Kelsey Tract, Okd. Brit-
tain & Co vs Wilhelmina Street
and Christiansen & Smith.....\$66.52
Dec. 15, 1913—NE FORTIETH AND
Opal SE 37.1 NE 99.59 NW 37.72
SW 101.13, Okd. Brittain & Co vs
J R Morse and Christiansen &
Smith.....\$37.72
Dec. 15, 1913—SW TELEGRAPH AVE
and 25th S 50xW 100, Okd. De
Fremercy-Cadman Materials Co vs
Wilhelmina Street and Christian-
Concrete Co.....\$226.65
sen & Smith and New Era Marble &
Dec. 15, 1913—SW TWENTY-FIFTH &
Telegraph Ave S 50xW 100, Okd.
De Fremercy-Cadman Materials Co
vs Wilhelmina Street and Chris-
tiansen & Smith.....\$31.75
Dec. 15, 1913—SW TWENTY-FIFTH
and Telegraph Ave S 50xW 100,
Oakland. De Fremercy-Cadman Ma-
terials Co vs Wilhelmina Street
and Christiansen & Smith and R A
Miller.....\$530.55
Dec. 15, 1913—SW TELEGRAPH AVE
and 25th S 50xW 100, Okd. De
Fremercy-Cadman Materials Co,
\$42.75; R A Miller, \$132.97 vs Wil-
helmina Street, Christiansen &
Smith and W J McWhirter.....
Dec. 13, 1913—PT 134.2 N Central Ave
and 176 E 5th N 35 W 76 S 35 E 35,
Ala. Reliance Mill & Lumber Co
vs William G Le Boyd.....\$103.57
Dec. 17, 1913—S SIXTH 125 E Brush
E 25xS 100, Okd. Redwood Mfg Co
vs E C Gaspard, A C Sharp, V and
Aitano Morelli.....\$249.60
Dec. 18, 1913—S SIXTH 125 W Brush
S 100xW 25, Okd. A H Knoch vs
V Morelli.....\$100
Dec. 18, 1913—NE OXFORD AND
Eunice E 100xN 60, Bkly. Sunset
Lumber Co vs Andrew M and Olive
V R Wilson.....\$959.66

SAN JOSE AND THE SANTA CLARA VALLEY,

RESIDENCES—1 and 2 story and
base, frame. Cost not stated. San
Jose, Santa Clara Co., Cal. Architect,
none. The following Day Labor jobs
are about to be started in San Jose:
Frank Granandra, East Jackson near
7th street, 1 story, frame, \$1,500; C. C.
Lewis, 447 South 15th street, 2 story,
frame, \$2,500, and R. E. Carter, East
16th street, 1 story, frame cottage, \$1-
750. Materials are now being purchased.

STORE ALTERATION AND ADDI-
TION—1 and 2 story and base, brick
Cost not stated. Palo Alto, Santa
Clara Co., Cal. Architect, Henry Sher-
mund, Mills Bldg., S. F. Owner, James
Prazee. The building at the corner of
University and Emerson streets, hous-
ing the largest department store in
Palo Alto, will undergo repairs and a
one story brick addition covering an
area of 60 by 112½ feet will be con-
structed. Interior finish will be
pine and hardwood. Oak floors will
also be used. There will be patent
store fronts and metal window sash
and frames. Exterior of the building
will be faced with pressed brick. Plans
will be put out for figures in about
two weeks.

Building Contracts.

SANTA CLARA COUNTY.

NO. 362 HOBSON, San Jose. Addition
and front porch.
Owner.....Emile Cardano, Premises.
Architect.....None.
Day's work, COST, \$500
E JACKSON near 7th, San Jose. Five-
room cottage.
Owner.....Frank Granandra, Prem.
Architect.....None.
Day's work, COST, \$1500
NO. 265 S-NINTH, San Jose. Six-room
cottage.
Owner.....C. C. Lewis, 447 S-15th St.,
San Jose.
Architect.....None.
Day's work, COST, \$2500
NO. 944 S-ORCHARD, San Jose. Addi-
tion and repairs on hall.
Owner.....Frank Russo, Premises.
Architect.....None.
Day's work, COST, \$500
E SIXTEENTH, 2nd Lot N Washing-
ton, San Jose. Five-room cottage.
Owner.....R. E. Carter, Premises.
Architect.....None.
Day's work, COST, \$1750
E SIXTEENTH 5th Lot N Washington,
San Jose. Five-room cottage.
Owner.....E. C. Ferguson, Premises.
Architect.....None.
Contractor.....S. G. Pelton, 455 S-Third,
San Jose. COST, \$2500
No. 635 S-THIRD, San Jose. Repairs
on cottage.
Owner.....G. S. McCunne, Premises.
Architect.....None.
Day's work, COST, \$450
ON PREMISES OF LELAND STAN-
ford Jr. University Grounds, Palo
Alto. All work for reinforced con-
crete club house.
Owner.....The Stanford Union, Stan-
ford.
Architect.....C. F. Whittlesey, Haight
and Clayton, S. F.
Contractor.....Monson Bros., Santa Clara,
California.
Filed Nov. 25, '13. Dated Nov. 24, '13.
Semi-monthly payments of..... 75%
10 days after..... 25%
TOTAL COST, \$32,370
Bond, \$16,500. Surety, Maryland Casu-
alty Co. Limit, April 15, '14. Forfeit,
none. Plans and specifications filed.
LOT IN TAAFFE RANCH PTN OF
Purissima Dist., Santa Clara Co. Two
story frame dwelling.
Owner.....W. H. Little.
Architect.....Albert Farr, 68 Post, S. F.
Contractor.....Western Builders.
Filed Dec. 12, '13. Dated Dec. 10, '13.
Rafters in place.....\$ 900
Ready for plaster..... 900
50% of finished material on job 900
Work finished..... 942
Usual 35 days..... 1214
TOTAL COST, \$4856
Bond, \$2430. Surety, Chicago Bonding
& Surety Co. Limit, 80 days. Forfeit,
none. Plans and specifications filed.
ON NE COR. PLEASANT AND PARK
Aves., San Jose. One-story frame
building.
Owner.....T. A. Byers, San Jose.

Architect...W. M. Binder, Rea Bldg., San Jose.
 Contractor...Geo. Lindblom, San Jose.
 Filed Dec. 8, '13. Dated Dec. 2, '13.
 Bet. 1st & 6th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$1860
 Bond, \$840. Sureties, W. M. Stalker and S. D. Williams. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ON SEVENTH, bet. Kup and Virginia, San Jose. All work for one-story cottage.

Owner.....Geo. Zarccone, San Jose.
 Architect...None.
 Contractor...J. C. Thorpe, Porter Bldg., San Jose.
 Filed Dec. 10, '13. Dated Dec. 8, '13.
 Frame up..... 25%
 1st coat mortar on..... 25%
 Cottage finished..... 25%
 Usual 35 days..... 25%
TOTAL COST, \$1291
 Bond, \$650. Sureties, T. B. and Al. Hubbard. Limit, 50 days. Forfeit, none. Plans and specifications filed.

LELAND STANFORD JR. UNIVERSITY Campus. All work for bungalow.

Owner.....W. H. Carruth, Palo Alto.
 Architect...H. G. Hammond, Seattle, Washington.
 Contractor...H. J. Ross, Palo Alto.
 Filed Dec. 9, '13. Dated Nov. 22, '13.
 No payments given.....
TOTAL COST, \$—
 Bond, \$2500. Surety, Guardian Casualty & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

PREMISES OF LELAND STANFORD JR. University Grounds, Palo Alto. All work for reinforced concrete cube house.

Owner.....The Stanford Woman's Club, Stanford University.
 Architect...C. F. Whittlesey, Haight and Clayton, S. F.
 Contractor...Monson Bros., Santa Clara California.
 Filed Nov. 25, '13. Dated Nov. 24, '13.
 Semi-monthly payments of.... 75%
 40 days after..... 25%
TOTAL COST, \$16,400
 Bond, \$8400. Surety, Maryland Casualty Co. Limit, April 15, '14. Forfeit, none. Plans and specifications filed.

NW HOME AND GREGORY, San Jose. Underpin and repair cottage.
 Owner.....Jim Tamone, Premises.
 Architect...None.
 Day's work.....
COST, \$150

NO 1251 LOCUST, San Jose. Five-room cottage.
 Owner.....G. D. Marla, Premises.
 Architect...None.
 Day's work.....
COST, \$1500

NO. 29 N-FOURTEENTH, San Jose. Underpin and repair residence.
 Owner.....W. E. Vrooman, Premises.
 Architect...None.
 Day's work.....
COST, \$500

NO. 1009 S-SEVENTH, San Jose. Four-room cottage.
 Owner.....George Zarccone, Premises.
 Architect...None.
 Contractor...J. C. Tharp, Porter Bldg., San Jose.
COST, \$1291

NO. 745 S-SEVENTH, San Jose. Five-room cottage.
 Owner.....Forest Bruch, Premises.
 Architect...None.
 Contractor...E. E. Weldon, 78 Marshal Ave., San Jose.
COST, \$2000

Building Contracts.

SAN MATEO COUNTY.

EASTERLY 1/4 LOT NO. 12 BLK 8 MAP 2, Burlingame Land Co., Burlingame. All work except gas and electric fixtures, finish hardware, coal grates and window shades for two-story and basement and attic frame building and garage and kennels.
 Owner.....Alice Hager, 1815 Gough, San Francisco.
 Architect...None.
 Contractor...James P. Fletcher, Lick Bldg., San Francisco.
 Filed Dec. 9, '13. Dated Nov. 29, '13.
 Frame up.....\$1125
 Brown coat mortar on..... 1125
 Standing finish and bases on.... 1125
 Completed and accepted..... 1125
 Usual 35 days..... 1500
TOTAL COST, \$6000
 Bond, \$3000. Sureties, Wm. F. Yates and G. Berson. Limit, 90 days. Forfeit, \$20 per day. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
Dec. 1, 1913—NO. 366 N-SIXTEENTH San Jose. Frank Peres to whom it may concern.....Nov. 29, 1913	
Dec. 1, 1913—LOT 15 BLK 1 Shottenger Tract No. 2, San Jose. M. A. Weldon to whom it may concern.....Nov. 28, 1913	
Dec. 3, 1913—LOT 1 BLK 1, San Jose Tract, Geo. Kitchen to whom it may concern.....Nov. 27, 1913	
Dec. 5, 1913—NR COR. ALEXANDER and Alum Rock Aves, San Jose. Mary A. Grace to G. W. Grace.....Dec. 1, 1913	
Dec. 9, 1913—SCHOOL GROUNDS, Mountain View Public School, Mt. View. Mountain View School District to Chas. A. Thomas.....Nov. 22, 1913	
Dec. 12, 1913—LOT 15 BLK 1 Barrett and Mack Sub. A York to whom it may concern.....Dec. 10, 1913	

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED	ACCEPTED
Dec. 9, 1913—LOT 10 BLK 27, Easton Add'n to Burlingame No. 2. Rinaldo Sciaroni and Hanorah Cleary Sciaroni to M. C. Rensch.....Dec. 8, 1913	
Dec. 10, 1913—LOT 34 BLK 20, Crocker Estate Tract Sub No. 1. Edith M. Johnson to John F. Boulbard.....Nov. 29, 1913	
Dec. 12, 1913—COUNTY ROAD AND Second Ave., San Mateo. St. Matthews Red Cross Hospital to American Marble & Mosaic Co.....Dec. 11, '13	
Dec. 12, 1913—HIGHLAND AVE AND Rayswater Ave Part Lot 6 Blk 13, City of Burlingame. Herliert Dunsher to J. R. Catherwood.....Dec. 12, 1913	

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL—1 story and base, reinforced concrete, \$75,000. Fairfield. Solano Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Fairfield Hotel Co. The building will be arranged for stores on the first floor besides the hotel lobby, dining room and office. Upper floors will be subdivided into about 100 guest rooms and a number of baths. Interior finish will be of pine with some hardwood. Construction will be fireproof with exterior walls of reinforced concrete and metal lath and plaster interior partitions. Plans provide for steam heat, elevator service, a hot water plant and vacuum cleaning. Bath rooms will have tile floors and wainscot. Exterior will be faced with cement plaster. Plans are nearly complete and figures will shortly be taken.

HOSPITAL COTTAGE—1 story and base, frame. Cost not stated. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans for female cottages, Dozier, are complete and figures are now being called. Bids will be opened on January 14th. Plans and specifications can be secured from the office of the State Engineer at Sacramento. An official proposal appears under another heading in this issue.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—1 story and base, frame, \$5,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Howell Bldg., Fresno. Owners, Catholic Church of Lanara. The building will contain a main auditorium and Sunday School rooms. Interior will be finished in pine and redwood. Plans provide for furnace heat. Exterior of the building will be faced with resawed rustic. Plans are being prepared, and figures will be called for shortly.

HALL OF RECORDS—2 story and base, Class A construction, \$100,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, Fresno County. The Grand Jury has recommended that the plans of Architect Mathewson be adopted for the new Hall of Records. His design shows a classic building with eight large stone columns across the front. Entrance will be finished in marble and tile. The first floor will contain offices of the County Auditor and Assessor while the entire second floor has been given over to the County Recorder. Construction will be fireproof, with exterior walls and floors of reinforced concrete and interior partitions of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwood and metal. Metal furniture and metal window sash and frames are specified. There will be steam heat, oil burning system and vacuum cleaning plant. An additional \$30,000 is to be spent in furnishings. Plans are being prepared.

PLATS—2 story and base, frame, \$7,000. Fresno, Fresno Co., Cal. Architects, Smith, Stewart and Glass, Republican Bldg., Fresno, and 244 Kearny street, S. F. Owner, George Shorling.



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The building will be erected at the corner of H and Stanislaus streets and will contain four modern residential flats. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Each flat will have an open air sleeping porch. There will be open fire places and tile mantels. Each room will have composition floors and tile wainscot. Exterior will be covered with rustic. Plans are complete and figures are being taken.

HOTEL—2 story and base, brick, \$40,000, Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Herman Granz. The building will be erected at the corner of Inyo and I streets covering a ground area of 100 by 140 feet. There will be seven stores on the first floor besides the hotel entrance and lobby. Upper floor will contain about fifty guest rooms and a number of public and private baths. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Stores will have large plate glass windows and patent store fronts. Exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

LAUNDRY—1 story and base, brick, \$20,000, Fresno, Fresno Co., Cal. Architect, R. L. Felchin, Fresno. Owners, Fresno Steam Laundry. Contractor, Emmett Riggins, Fresno. Contract price, \$20,000.

CITY HALL ALTERATIONS—2 story and base, brick, \$26,050, Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Yancy and Rodgers, 1933 Chester avenue, Bakersfield. Contract price, \$26,050.

STORE ALTERATIONS—1 story and base, brick, \$5,555, Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteous. Contractor, Fred Stone, Fresno. Contract price, \$5,555.

Building Contracts.

FRESNO COUNTY.

LOT 16, LUCERNE TRACT, Fresno.
All work for two-story frame dwlg. Owner, Amy C. Algeo, Fresno. Architect, C. C. Samuelson, Fresno. Contractor, C. Samuelson, Fresno. Filed Dec. 16, '13. Dated Dec. 15, '13.

Roof on	\$808.75
When plastered	808.75
When completed	808.75
Usual 35 days	808.75
TOTAL COST,	\$3235.99

Bond, \$1700. Sureties, H. A. Hansen and A. M. Loper. Limit, March 1, '14. Forfeit, \$5 per day. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story and base, frame, Cost not stated, Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: W. H. Thompson, 410 East Market street, 2 story frame, \$3,200; Albert Nelson, 1421 East Channel street 2 story frame, \$2,200; Hans Axel, 425 South East street, 2 story, frame, \$2,500; Ben R. Farrar, Stockton, 2 story, frame, \$3,000; C. A. Leipelt, 321 East Park street, 1 story cottage, \$800, and C. A. Eldridge, Poplar and Center streets, 2 story, frame, \$2,250.

RESIDENCES—4 2-story and base, frame, \$2,500 to \$3,000 each, Sacramento, Cal. Architect, none. Owner, E. A. Pierce, 2207 1st avenue, Sacramento. These houses will be erected in the Baxter Tract and each has been designed to contain seven rooms and bath. Interiors will be finished in pine, redwood and some hardwood veneer. Oak doors will be used in the principal rooms. The more expensive houses will have furnace heat as well as open fire places. Mantels will be of tile and brick. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath, rustic, shiplap and shingles. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

LIBRARY—2 story and base, Class A construction. Cost not stated, Sacramento, Cal. Engineer, Givan, City Engineer, Sacramento. Engineer Givan has prepared preliminary plans for the new building which is to be erected by the Carnegie Association in Sacramento. These plans have been forwarded to New York for the approval of the association. The exact location and further information relative to the building will be published later.

POSTOFFICE—2 story and base, brick and steel, \$75,000, Chico, Butte Co., Cal. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are nearly complete for the new Federal Building to be erected in Chico. The structure will be practically fireproof and will cover a ground area of approximately 7,500 square feet. Interior finish will be of pine, hardwood and metal. There

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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will be steam heat. Exterior will be faced with pressed brick and terra cotta. Plans will be forwarded to this coast not later than Feb. 10th. An official proposal will be published in these columns.

SCHOOL—2 story and base, reinforced concrete. Cost not stated, Eureka, Humboldt Co., Cal. Architect, William H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Architect William H. Weeks has completed working drawings for the new High School building, which is to be erected in Eureka, Humboldt County. The building will cover an area of 214 feet by 180 feet and is designed in the classic style. Construction will be of reinforced concrete except the upper story, which will be of the slow burning type. Exterior is to be faced with cement plaster in imitation of stone. Eight class rooms, a principal's office, the teachers' rooms, the bookkeeping and typing department and the assembly hall take up the space of the first floor. All class rooms throughout the building are equipped with book-cases and teacher's closets. The assembly hall has a seating capacity of 700 students and will be used for a study hall. The floor is level, but the stage is raised and built on a slant. This room is one of the most artistic in the building. As additional equipment, along with several other rooms, it has a complete motion picture outfit, including a fire-proof box for the moving picture machine. There are a total of five exits

to the hall, three main and two fire

exits being provided. The library opens off the assembly hall. The second floor is given over to five class rooms, two science rooms, the biological, chemical and physical laboratories, a girls' rest rooms and storage rooms. The drawing rooms are also located on this floor and have both side and ceiling lights, regulated by shades, which will permit of the adjustment of the lights and shadows as desired. The chemical laboratory is absolutely fire-proof. Bids for the work are now being taken.

STORES AND OFFICE—1 story and base, brick and steel, \$13,000, Sacramento, Cal. Architect, E. C. Hemmings, Sacramento. Owners, West Sacramento Co. The building will be erected in West Sacramento and has been designed to contain one store and twenty-two modern offices. Interior finish will be of pine and hardwood. Some marble and tile will also be used. Metal window sash and frames are specified. Exterior of the building will

be faced with cut stone. Plans are complete and figures are being taken.

Contracts Awarded.

JUDGE HALL—3 story and base, brick. Cost not stated. Porterville, Tulare Co., Cal. Architect, Joseph L. Roberts, Monache Bldg., Porterville. Owners, Porterville Odd Fellows' Association. Contractor, A. L. Laidlow, Porterville. Contract price not stated.

Building Contracts.

SACRAMENTO COUNTY.

LOT 7 AND W 60 FT. LOT 6, J. K. 2ND and 3rd Sts., Sacramento. Repair fire damages. Owner.....Morrison & Burns, 215 - St., Sacramento. Architect...None. Contractor, — Anderson. COST, \$2112

LOT 12 BLK 4 Baxter Tract Sub. 1, Sacramento. Erect dwelling. Owner.....E. A. Pierce, 2207 1st Ave., Sacramento. Architect...None. Day's work. COST, \$29

LOT 13 BLK 1 Baxter Tract Sub. 1, Sacramento. Erect dwelling. Owner.....E. A. Pierce, 2207 1st Ave., Sacramento. Architect...None. Day's work. COST, \$3000

LOT 11 BLK 4 Baxter Tract Sub. 1, Sacramento. Erect dwelling. Owner.....E. A. Pierce, 2207 1st Ave., Sacramento. Architect...None. Day's work. COST, \$

LOT 2 SUB 2 Baxter Tract Sub 2, Sacramento. Erect dwelling. Owner.....E. A. Pierce, 2207 1st Ave., Sacramento. Architect...None. Day's work. COST, \$3000

N 15 FT. LOT 2 BLK 18, Oak Park, Sacramento. Erect dwelling. Owner.....Arthur H. Gasick, 3607 Orange Ave., Sacramento. Architect...None. Contractor, H. M. Earle, 3028 Magnolia Ave., Sacramento. COST, \$1500

W 1/4 OF S 1/2 LOT 8, 1, J. 7TH & 8TH Sts., Sacramento. Alter building. Owner.....A. Bondi and E. Angelo, 701 J St., Sacramento. Architect...None. Contractor, G. H. Cleighton, 711 E St., Sacramento. COST, \$1100

W 1/2 OF S 1/2 OF LOT 5, V, W, 29TH and 30th Sts., Sacramento. Erect dwelling. Owner.....H. E. Carstens, 1821 I St., Sacramento. Architect...None. Day's work. COST, \$2000

LOT 2, K, L. 13TH AND 14TH STS., Sacramento. Addition to machine shop. Owner.....C. H. Dunn, Nicolaus Bldg., Sacramento. Architect...None. Contractor, Murrell & Haley, 2nd and V Sts. Sacramento. COST, \$800

LOT 11 BLK "LA" Highland Park, Sacramento. Four-room house and garage. Owner.....Charles E. Weldenman, 2318 J St., Sacramento. Architect...None. Contractor, G. E. Horvie, 2212 T St., Sacramento. Filed Dec. 12, '13. Dated Dec. 9, '13. COST, \$2420

LOT 1, M, N. FRONT AND 2ND STS., Sacramento. Addition to building. Owner.....Northern Elec. Railway Co., 803 J St., Sacramento. Architect...None. Contractor, Murrell & Haley, 2nd Cor. V St., Sacramento. COST, \$23,900

LOT 1, M, N. 1ST AND 2ND STS., Sacramento. Erect building. Owner.....Hall, Luhrs & Co., 908-16 2nd St., Sacramento. Architect...None. Contractor, Murrell & Haley, 2nd Cor. V St., Sacramento. Filed Dec. 12, '13. Dated Dec. 5, '13. COST, \$19,850

E 1/2 OF LOT 5, 1, J, 7TH & 8TH STS., Sacramento. Alter building. Owner.....Griffith Realty Co., 926 6th St., Sacramento. Architect...None. Contractor, Barton & Hite, 302 L St., Sacramento. COST, \$500

LOT 1, M, N. 1ST AND 2ND STS., Sacramento. Alterations and additions to warehouse, store building and office. Owner.....Northern Realty Company. Architect...None. Contractor, Murrell & Haley, 11th and K Sts., Sacramento. Filed Dec. 18, '13. Dated Dec. 1, '13. COST, \$1050

LOT 1, M, N. 1ST AND 2ND STS., Sacramento. Alterations and additions to warehouse. Owner.....Northern Realty Co. Architect...None. Contractor, Murrell & Haley, 11th and K Sts., Sacramento. Filed Dec. 18, '13. Dated Dec. 1, '13. TOTAL COST, \$3020

S 1/4 LOT 8, V, V, 22RD AND 21TH Sts., Sacramento. Erect dwelling. Owner.....W. D. McKay, 1211 X St., Sacramento. Architect...None. Day's work. COST, \$2800

LOT 65 COLOMA HEIGHTS, Sacramento. Alter dwelling. Owner.....Frank Belle, 13 West Ave., Sacramento. A edited...None. Contractor, A. P. Valine, 15th, bet. W and X Sts., Sacramento. COST, \$600

Building Contracts.

SAN JOAQUIN COUNTY

LOT 1 BLK C W, Stockton. Erect frame building. Owner.....W. H. Thompson, 410 E. Market St. Stockton. Architect...None. Day's work. COST, \$2200

LOTS 2, 4, 6, 8, 10 AND 12 BLK 46 E. Stockton. Erect awning. Owner.....San Joaquin Lumber Co., 417 S-Center St., Stockton. Architect...None. Day's work. COST, \$500

LOT 18 BLK 2 THE OAKS, Stockton. Erect frame building. Owner.....Albert Nelson, 1421 E-Channel, Stockton. Architect...None. Day's work. COST, \$2200

LOT 11 BLK 270 E, Stockton. Erect frame building. Owner.....Hans Axel, 425 S-East St., Stockton. Architect...None. Day's work. COST, \$2500

LOT 18 BLK 9, Yosemite Terrace, Stockton. Erect frame building. Owner.....Ben R. Farrar. Architect...None. Day's work. COST, \$3000

LOT 6 BLK 15 E, Stockton. Remodel frame building. Owner.....C. A. Leipelt, 321 E-Park St., Stockton. Architect...None. Day's work. COST, \$800

N 1/2 OF LOT 13 BLK 97 W, Stockton. Erect frame building. Owner.....C. A. Eldridge, Poplar and Center Sts., Stockton. Architect...None. Day's work. COST, \$2250

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Dec. 11, 1913—LOT 11 Riviera No. 1, Porter C Anderson to W M Kennedy.....Dec. 11, 1913

Release of Liens

SACRAMENTO COUNTY.

RECORDED AMOUNT
Dec. 13, 1913—LOT 4, N, Y, 24TH AND 25th Sts., Sacramento. Clark & Henry Constr Co to C A Nuttall Estate.....

LIENS RELEASED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Dec. 18, 1913—E 1/2 LOT 7 AND E 1/2 Lot 8, R, S, 19th and 20th Sts., Sacramento. Clark & Henry Constr Co to A P Bertoloni, \$73.60; Same to Same.....\$375.20

LOS ANGELES AND SOUTHERN CALIFORNIA.

HOTEL—12 story and base, class A construction. Cost not stated. Los Angeles, Cal. Architect, James W. Fairwell, Story Bldg., 1. A owners, Ira W. Burne and Frank L. Spaulding. The building will be erected at the intersection of New High, Spring and Franklin streets covering an area of 150 by 125 feet. Construction will be of the class A type throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. There will be a total of 7

guest rooms, nearly all of which will have private baths. Reception halls and parlors have been provided for on each floor. Main floor will contain the general offices, lobby, parlors, dining rooms and stores. Marble and tile will be used in the corridors. Plans provide for steam heat, vacuum cleaning, hot water system and six elevators. Metal window sash and frames are specified. Exterior of the building will be faced with tile and terra cotta. Plans are being prepared.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$25,000. San Juan de Capistrano, Orange Co., Cal. Architect, A. B. Benton, 114 North Spring street, L. A. Owner, John Forster. Contractor, F. B. McCabe, 1306 West 50th street, L. A. Contract price, \$25,000.

HOTEL—4 story and base, Class C construction, \$43,000. Los Angeles, Cal. Architect, E. B. Rust, Title Insurance Bldg., L. A. Owner, C. A. Mathewson. Contractor, John Herington, 650 Hawthorne ave., L. A. Contract price, \$43,000.

SCHOOLS—1 2-story and 2 1-story, brick, \$76,718.86. Long Beach, Los Angeles Co., Cal. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, City of Long Beach. Contractor, J. W. Davison, 323 Walnut street, Long Beach. Contract price, \$76,718.86.

PORTLAND AND OREGON.

APARTMENT HOUSE—2 story and base, frame and concrete, \$32,000. Portland, Ore. Architect, none. Owner, E. M. Rasmussen, 277 Peerless Place, Portland. The building will be erected on 23rd street near Sandy and will have a street frontage of 56 feet by a depth of 96 feet. Interior will be arranged for suites of two and three rooms with baths and wall beds. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and subcontracts are now being let by the owner.

SEATTLE AND WASHINGTON.

TUNNEL AND SHAFT CONSTRUCTION—\$300,000. Seattle, Wash. Engineer, City Engineer, Seattle, Owners, City of Seattle. Bids will soon be called for the construction of a 1200 ft. tunnel 12 ft. in diameter under Lake Union from Northlake to Southlake at a cost of \$300,000, which includes the cost of construction of two 150 ft. shafts 16 ft. in diameter. Bids for the shafts which were opened recently have been rejected and new bids will be figured on a basis of construction to two different levels and price for both shafts and tunnel.

GRAIN ELEVATOR—Reinforced concrete construction. Cost not stated. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. At a special meeting of the Port of Seattle Commission a resolution was passed directing the engineer to prepare plans for a grain elevator to be erected in the East Waterway. The structure is to have a capacity of 500,000 bushels and is to be fireproof. No estimate of the cost or structural

details can be given at this time. Further mention will be made of the work as plans progress.

HOTEL—6 story and base, brick and steel, \$60,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy. The building will be erected at the corner of 6th avenue and Jackson street and will cover an area of 60 by 120 feet. Several stores and the main office and hotel lobby will occupy the first floor. Upper floors will be subdivided into a total of 136 guest rooms and a number of public and private baths. Metal window sash and frames and some marble and tile work will be specified. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition. Exterior will be faced with pressed brick. Plans are being prepared.

GARAGE, SAUCER TRACK AND GRAND STAND—Concrete and frame construction, \$75,000. Seattle, Wash. Architect, Julian Everett, Walker Bldg., Seattle. Owners, Seattle Motor Speedway Association. These buildings will be erected at the Renton Junction Track and will consist of a large fireproof garage, machine shop and repair department. A saucer track and large grand stands are also contemplated. Preliminary plans have been approved but money is not yet available for construction. Further mention will be made of the work as the plans progress.

SCHOOL—2 story and base, brick and terra cotta, \$35,000. Seattle, Wash. Architect V. W. Voorhees, Ellet Bldg., Seattle. Owners, School District No. 41. This work has been mentioned here before when plans were first out for figures. Revised plans have been completed and new figures will be opened on December 26th. Plans can be secured from the architect. The building will cover an area of 76 by 116 feet. There will be steam heat, a modern system of ventilation and program clocks and vacuum cleaning. Exterior of the building will be faced with pressed brick and terra cotta. Frank Steil, 752 North 89th street, Seattle, is Clerk of the School Board.

DEPARTMENT STORE—4 story and base, Class A construction. Cost not stated. Architect's name not given. Owners, Hudson Bay Co. Bids for the construction of a large department store for the Hudson Bay Co. are being received. Bids to close Dec. 27th. Proposals will be received for the following work: Mason, reinforced and plain concrete, architectural terra cotta, ornamental iron, carpenter and joiner, roofing, sheet metal, plastering, painting, glazing, marble and tile. Plans are in the hands of H. V. Pratt, manager of the company at Victoria, B. C.

THEATRE—4 story and base, reinforced concrete, \$125,000. Seattle, Wash. Architect, Warren H. Milner, Arcade Bldg., Seattle. Owners, Alaska Theatre Co. The building is to be erected at the corner of Second avenue and Seneca street. The work has been mentioned in these columns before. Plans are now being revised. The structure will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, a modern system of ventilation

and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans will shortly be out for figures.

DAM—Earth and concrete. Cost not stated. Sheldon, Wash. Engineer, City Engineer, Sheldon. Owners, City of Sheldon. Plans have been completed and figures are now being taken for a dam for the municipal water system at Sheldon. Bids will be opened by the City Council on January 15th. Plans and specifications can be secured from the City Clerk, P. D. Fairch, Sheldon.

POSTOFFICE—2 story and base, brick and stone. Cost not stated. Pocatello, Idaho. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. H. E. Doering, 568 Maple street, Portland, submitted the lowest figures for the construction of the Federal Building at Pocatello. His bid for this work was \$93,174 for limestone and \$94,218 for sandstone. A contract has not been awarded.

Contracts Awarded.

SYNAGOGUE—2 story and base, brick and steel, \$32,000. Seattle, Wash. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owners, Cheva Bekur Cholum. Contractors, Westering Engineering Co., 563 Railroad avenue, Seattle. Contract price, \$32,000.

SUMMARY OF BUILDING PERMITS.

Applied for at the Bureau of Permits and Licenses, Oakland, California, For the Month of November, 1913.

Classification of Bldgs.	No. of Permits	Cost
1-story dwellings.....	41	\$ 72,480.00
1-st dwlg with stores.....	1	2,500.00
1½-story dwellings.....	5	12,350.00
2-story dwellings.....	10	31,500.00
3-story apartments.....	1	40,000.00
1-story stores.....	3	2,380.00
2-st brk htel with strls	1	10,000.00
4-story brick and steel hall and store bldg.....	1	78,810.00
1-story office.....	1	100.00
1-st brk cabinet shop.....	1	4,000.00
Brick bake oven.....	1	1,800.00
Hog serum station.....	1	4,800.00
1-story concrete stable and garage.....	1	7,500.00
4-st concrete garage.....	1	55,000.00
1-st brick garage.....	1	10,000.00
1-st frame garage.....	1	14,115.00
Work shops, tank frms and barns.....	7	1,300.00
Garages, sheds and stables.....	20	3,748.00
Alterations, additions and repairs.....	114	54,729.25
Totals.....	217	\$114,226.25
New construction.....	103	\$359,497.00
Alterations, additions and repairs.....	111	54,729.25
Totals.....	217	\$114,226.25

NOTICE TO BIDDERS ON FEDERAL BUILDING.

The following circular letter has been received at this office from the Treasury Department at Washington:

LOCAL MATERIALS AND LABOR. Circular Letter No. 11.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., Nov. 20, 1913. To whom it may concern;

The Department is frequently requested to include in its specifications for the construction, etc., of Federal buildings the requirement that the successful bidder for the work shall use a particular material, fixture, appliance, or method, or that certain of the materials and labor to be used in the construction of the buildings must be obtained in the localities in which they are to be erected. The Department is compelled to deny these requests for the following reasons:

The law requires that proposals for the construction of Federal buildings shall be solicited by public advertisement unless the public exigencies require the immediate delivery of the articles or performance of the service sought to be obtained. The obvious purpose of the law is to secure through broad competition the lowest terms obtainable. This object would be defeated if bidders were restricted to the products of any particular State or locality, or if the bidding were similarly restricted to residents of any particular section of the country.

The Department always declines to indicate by name or brand the particular materials, fixtures, appliances, methods, etc., to be used, but specifies the grade of both materials and labor. Bidders are free to procure these anywhere obtainable, provided they meet the specification's requirement.

Nothing in the specifications for the different buildings prevents local contractors from bidding on the work. Nor is there ever anything in the Department's specifications which would prohibit a successful bidder residing elsewhere from obtaining his materials or labor from the manufacturers or dealers and the artisans of the locality in which the proposed building is situated, provided the specification requirements, as to quality, etc., are met.

The Department is always gratified whenever local materials and labor are found to answer its requirements, but it can not undertake to restrict competition by limiting bidders to local materials and labor. Whenever the Department has information concerning an available local stone or face brick, it endeavors to draw its specifications so that proposals may be submitted on these materials, but can not do so to the exclusion of materials of the same class produced elsewhere.

Those interested in the development of local industries or the employment of local labor are always free to bring the same to the attention of the successful bidder for a particular Federal building. Whenever materials, etc., the use of which it is sought to have the Department specify or require, are submitted for approval by a contractor for a Federal building, they are invariably given due consideration.

[Signed] W. G. McADOO,
Secretary.

UNITED STATES CIVIL-SERVICE EXAMINATION.

CIVIL ENGINEER STUDENT (MALE).

January 7, 1912.

The United States Civil Service Commission announces an open competitive examination for civil engineer student, for men only, on January 7, 1912. From the register of eligibles resulting from this examination certification will be

made to fill vacancies as they may occur in this position in the Office of Public Roads, Department of Agriculture, at salaries of \$750 per annum, and in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

An appointment as a result of this examination, and satisfactory service in the position, will afford young engineers an excellent opportunity to acquire experience in highway engineering. A part of the time will be devoted to laboratory and office work and the remainder to practical road building in different parts of the United States. The appointee is thus enabled to become familiar with these phases of the work. As this work involves considerable travel throughout the United States, all traveling expenses, and subsistence not to exceed 30 days on any one assignment, will be paid by the department.

As insufficient eligibles were secured from the examinations for this position held on April 9, 1911, and August 6, 1911, qualified persons are urged to enter this examination.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

- | | |
|--|----------|
| Subjects. | Weights. |
| 1. Mathematics and mechanics, pure and applied | 50 |
| 2. Surveying, construction, and materials of construction..... | 50 |

Total

100
An educational training equivalent to that required for graduation in civil engineering from a recognized school or college is a prerequisite for consideration for this position.

No sample questions of this examination will be furnished.

Age, 20 years or over on the date of the examination.

This examination is open to all men who are citizens of the United States and who meet the requirements.

Persons who meet the requirements and desire this examination should at once apply for application Form 1312 to the United States Civil Service Commission, Washington, D. C., or the secretary of the local United States Civil Service Board, Post Office Bldg. No application will be accepted unless properly executed and filed with the Commission at Washington in time to arrange for the examination at the place selected by the applicant. In applying for this examination the exact title as given at the head of this announcement should be used.

Issued December 4, 1911.

CIVIL SERVICE EXAMINATION.

TOPOGRAPHIC DRAFTSMAN, COPYIST TOPOGRAPHIC DRAFTSMAN.

January 7-8, 1912.

The United States Civil Service Commission announces an open competitive examination for topographic draftsman and copyist topographic draftsman, for both men and women, on January 7 and 8, 1912. From the register of eligibles resulting from this examination certification will be made to fill vacancies as they may occur in the positions of topographic draftsman and copyist, topographic draftsman, unless

it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The salary of the position of topographic draftsman ranges usually from \$1,000 to \$1,500 per annum, and for copyist topographic draftsman from \$900 to \$1,500 per annum.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

- | | |
|--|----------|
| TOPOGRAPHIC DRAFTSMAN, Subjects. | Weights. |
| 1. Drawing (a specimen of topographic drawing will be given for reproduction in India ink)... | |
| 2. Lettering (tests of short words in different styles of lettering, and numbers are given)..... | 35 |
| 3. Mathematics (comprising arithmetic, algebra to and including problems involving quadratics, plane and solid geometry, plane trigonometry, logarithms, mensuration and projections)..... | 30 |

Total

100
Time allowed, two days of seven hours each.

Competitors who fail to attain an average rating of at least 70 in the subjects of drawing and lettering will not be eligible for appointment. Not more than five hours will be allowed on the second day for the work in lettering. No submitted drawings will be accepted. Competitors who average 70 per cent or over in the subjects of drawing and lettering may also have their names entered on the copyist topographic-draftsman register, provided that they state in answer to Question 1 of the application that they desire both examinations.

All topographic-draftsman positions in the Departments at Washington are filled from this register, or, if there are no eligibles thereon, from the copyist topographic-draftsman register.

COPYIST TOPOGRAPHIC DRAFTSMAN.

Subjects. Weights.

- | | |
|--|----|
| 1. Drawing (a specimen of topographic drawing will be given for reproduction in India ink)... | 50 |
| 2. Lettering (tests of short words in different styles of lettering, and numbers are given)..... | 50 |

Total

100
The tests in drawing and lettering are identical with those given in the topographic-draftsman examination. Competitors who take both examinations will take these tests but once. No submitted drawings will be accepted.

Time allowed, two days of seven and five hours, respectively.

ACCIDENT BOARD ISSUES ADDRESS.

Mode of Operation of State Insurance Fund Outlined.

The State Industrial Accident Board has issued the following address to employers relative to the workmen's compensation act and the insurance and safety act, which go into effect on the first of the year:

Commencing January 1, 1912, employers will be held liable under the workmen's compensation, insurance and safety act for any accidental injuries sustained by employees while at work. The State, through its compensation insurance fund provided for un-

der the act, has prepared to insure employers against such loss at the lowest standard rates. These rates will average from 20 to 40 per cent lower than compensation rates that have hitherto prevailed in California.

"Except in the case where the workers themselves are guilty of intoxication or willful misconduct, the employer, under the law, will be held liable for any injury sustained by his employees by accident arising out of and in the course of the employment, and also for the death of any such employee if the injury shall proximately cause death. The only exceptions relate to those employees engaged in household domestic service or in the various forms of agriculture.

SURPLUS TO BE CREATED.

"After paying losses, operating expenses, setting aside required reserves and a moderate percentage to bond up a surplus to meet possible catastrophe losses, the balance, if any, will be in the nature of a profit, that, in the case of stock companies, would be paid to the stockholders in dividends; but in the case of the State insurance fund it is the intention of the Industrial Accident Commission to have the policy holders reap the benefit thereof.

"This makes the State insurance fund practically a mutual company. It therefore makes to the interest of employers to give the State fund every preference and support. The 'fund' has been organized with the same care exercised in organizing private undertakings. Insurance experts have been chosen purely on merit regardless of political faith. Employers will, therefore, have every right to expect that the 'fund' will be conducted in accordance with the highest business principles, giving its policy holders the most perfect protection at the lowest cost.

"The fact of an employer holding an unlimited policy in the State compensation insurance fund, whatever may be its reverse will, in the event of an accident to any of his workmen, no matter what may be the cost, at once relieve the employer of any expense in the way of medical aid or compensation. The entire burden will be assumed by the 'fund,' and the injured workmen will receive the best medical services and every penny of compensation to which, under the law, they may be entitled.

RELIEVED OF LIABILITY.

"In the event of a catastrophe loss wiping out the reserve of the State fund, however, large or small such reserve may be, the employer is, in any event, relieved of any liability, and it is not conceivable that the great State of California would permit the injured coming under its policies to suffer the loss of compensation. This feeling should afford employers insuring with the State as policy holders, as well as their workmen, a peace of mind in itself worthy of every consideration.

"The new law goes into effect on January 1, 1914. This means that many thousands of California employers will want immediate insurance protection; it also means a great rush of applications for insurance on the part of employers on or about that date. In order, therefore, to be fully protected when the law goes into effect, it is important that employers should make

prompt application to the State compensation insurance fund at its headquarters, 525 Market street, San Francisco.

"In making such application the employer takes no risk in the matter of rates, since the State Board will issue policies at the lowest possible rates established by standard companies for the State of California."

DYNAMITE IN PILE SINKING.

The use of dynamite or other high explosives in sinking concrete piles has attracted a great deal of attention. A Swiss concern "utilizes the mushroom type of certain patented piles, but its novelty rests in the fact that the enlarged base is made by the use of dynamite or some other high explosive. An iron tube, containing a wooden pile with an iron point and a device at the upper end for deadening the blows of the pile driver, is driven into the ground. The wooden pile is then removed and a cartridge with an electric detonator is fixed in position at the bottom of the hole. The tube is then filled with wet concrete a little above the level of the surface of the ground. The iron tube is then drawn up some so as to prevent its end from becoming battered when the cartridge is exploded.

In the detonation the concrete sinks down, filling the space hollowed out by the explosion. Finally the tube is filled with concrete and drawn up gradually as the concrete is put into it. After the completion of the process and time has been allowed for the settling of the concrete, there is in position in the ground a pile with a base of greater lateral diameter than it is possible to produce by any other means and the explosion compressed the adjacent earth. In fact, one pile on this system serves the purpose of several piles of many other types, insuring great economy. By using cartridges of greater or less strength the size of the excavation made by the gas can be controlled; a cartridge 600 or 700 grams in weight makes a spherical hollow of three to four feet in diameter, according to the quality of the soil."—Record and Globe.

CONSERVATION OF FORESTS IN SWITZERLAND.

(Consul General R. E. Mansfield, Zurich.)

Because of the limited area of Switzerland and the fact that it is so mountainous, leaving only a small portion of the territory available for cultivation, the conservation of the natural resources of the country is extremely important. To this end both the Federal and the cantonal government give aid and encouragement in the way of subsidies, especially for the protection and conservation of the forests, which cover about one-fourth of the total area of the territory comprising the Confederation.

In addition to the importance of the protection and maintenance of the forests as a commercial and economic question is in the protection of life and property in the villages and communities in the mountainous districts from avalanches. The pines, firs, larches, and other trees that grow and thrive in the higher altitudes and sterile soil of the mountains offer the only

protection against avalanches and landslides, which not infrequently destroy whole villages and do great damage to communities in their devastating courses. In Switzerland only small tracts of the forests are denuded at one time. The portions from which the timber is cut are immediately replanted, and by the process of removal and replacing the forest area is always covered with growing trees.

Article 24 of the Federal Constitution, adopted by popular vote in 1887, says: "The Confederation has the right of surveillance over the police in the control of the forests. It also has the right of correction of causes of the overflow of streams and of the replanting of forests along their sources." The result of the application of the system of conservation and protection of forests in Switzerland furnishes some data that of the general interest. In 1894 the total forest area of Switzerland was 2,991,000 acres, representing 20.2 per cent of the total surface area of the country. In 1911 the forest acreage was 2,255,000, equal to 21.86 per cent of the total area of the country, an increase of 167,000.

Instead of being an expense, the forests of Switzerland are a source of profit to the Government. The method of cutting the timber is usually by contract with individuals or corporations at a fixed price per acre, for the timber, which includes the land and replanting the trees.

Berne has 392,000 acres of forest, a larger area than any other Canton in the Confederation. The Canton Grisons has 348,285 acres, Vaud 206,475, Valais 445,000, Tessin, 183,000 Zurich 98,000, Aargau 92,000, and St. Gall 89,000 acres. The Cantons with the smallest forest area are Geneva and Basel. Of the total 2,255,000 acres of forest, covering nearly one-fourth of the territory comprising the Confederation, 1,679,000 are under Government control and protection. The increase in the acreage of forests in Switzerland in recent years is due to the protective policy of the Federal and cantonal governments in the conservation of the existing forests and the forestation of additional territory.

MUNICIPAL BONDS SALES LARGER.

Municipal bond issues throughout the United States during the month of November, including state and county issues, reached a total of \$38,401,600, against \$35,064,400 the previous month, and \$49,492,519 in November, 1912. This brings the total for the eleven months of 1913 up to \$382,740,150, as compared with \$352,865,040 for the corresponding period last year.

Among the more important bond issues of states and municipalities last month were the following: Connecticut, \$4,000,000; California, \$1,675,000; San Francisco, \$2,000,000; Minneapolis, \$1,315,000; Houston, Tex., \$1,200,000; Allegheny County, Pa., \$1,100,000; North Carolina \$620,000; Rhode Island, \$250,000.

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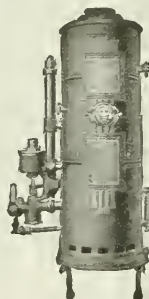
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son
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L.
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Holland, J. P.
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O'Day Co., D.
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Works,
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 Trawser & P.
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 Curlling, Grannie
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 Williams, F. A.
 Wright, Chas.
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A.
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wig
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bray,
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lins
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Fay, John
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Caffery.

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Gregg & Clute
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New Clark Hotel Recently Completed at
Stockton, Cal. Designed by Architect
Glenn Allen, San Francisco.

New County Court House At Sacramento.
Designed by Architect R. A. Herold, Sac-
ramento.

WEDNESDAY, DECEMBER 31, 1913.

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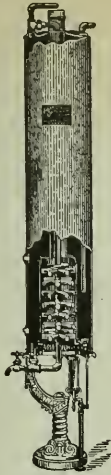
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ARCHITECT
Horace Trumbauer

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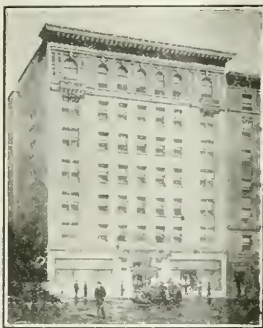
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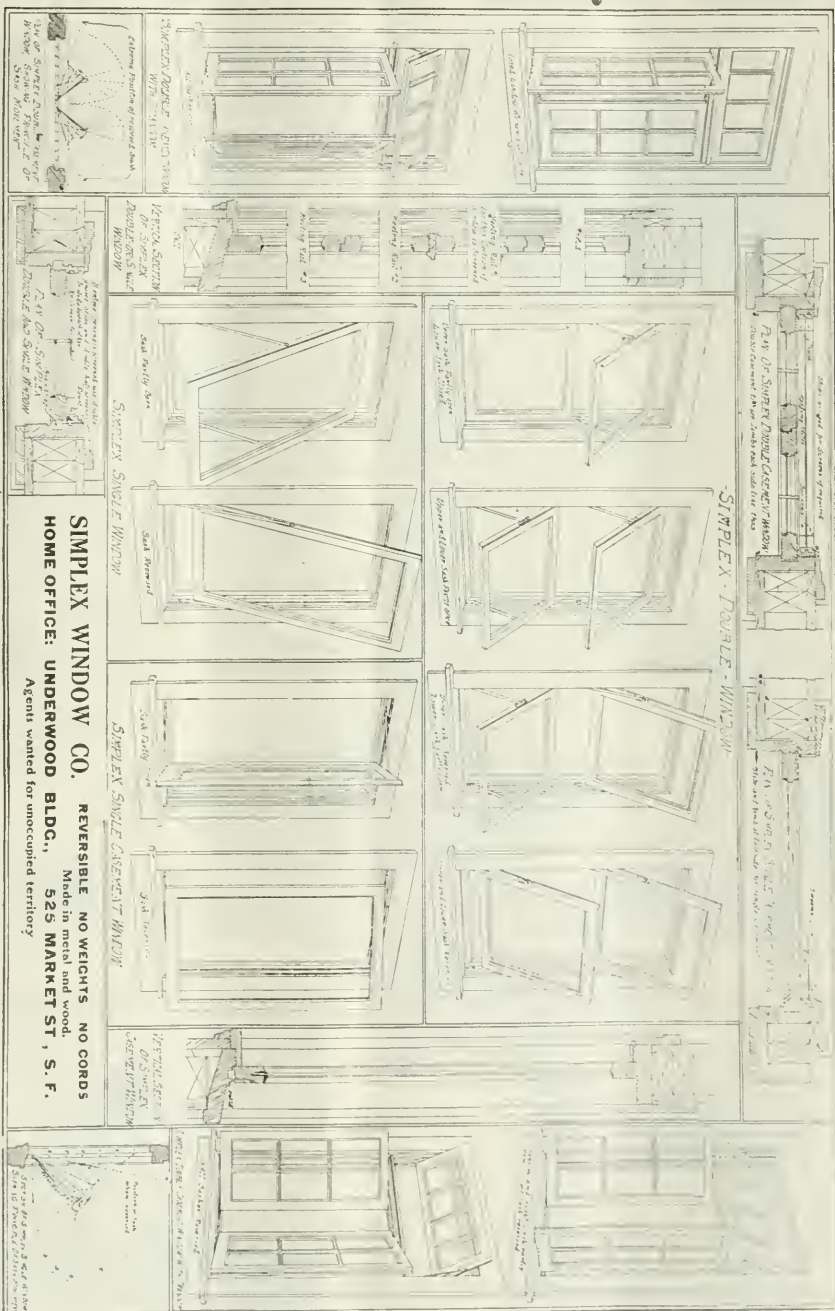
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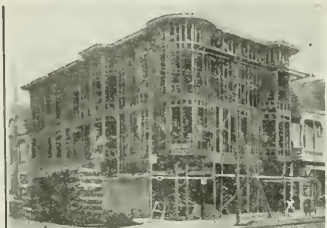


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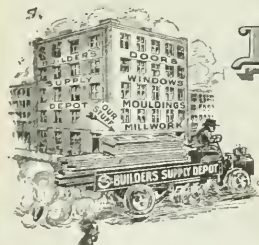
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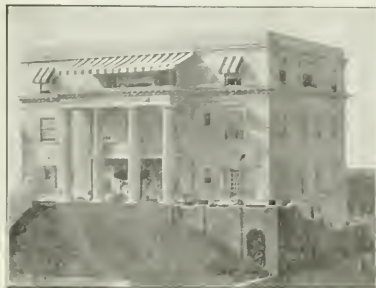


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Editorial Comment.

The Christmas observance has a subjective phase which gives it a value to all humanity. The essential element of the teaching of Christ is peace on earth, good will to men. And this is the essence of moral progress in the history of the world. In the light of recent geological investigations which places the antiquity of the human race on this earth back at least five hundred thousand years in the abyss of time, the progress of the last 1913 years is far beyond all the untold years that preceded them. The old poets were wont to place the golden age behind us. But compared to the long, long night of barbarism that preceded the Christian era the last two thousand years with all their wars and religious persecutions and bigoted intolerance are wonderful strides toward the light of day.

So with all our imperfections and seemingly turning around in the same circle we have in reality been ascending in a spiral toward a higher civilization. And as each succeeding Christmas comes we are working out by slow degrees a broader humanity, a more universal brotherhood. Each year sees legislation looking to better sanitation and better health, lightening the load of labor and giving a better chance to the under dog in the struggle for existence. The tendency is for the employer and employee to get together. The time has passed when one man can exploit the labor of his fellow men and become rich by the advantage of the law over his brother. So that the great teachings of Christ have borne and are bearing fruit in the history of the world. And the years go by and the discoveries of science strip religion of its foolish dogmas and leave its moral teachings bare in their simplicity the world will get together in a common effort for the betterment of man. To the future we must look for the Saturnian age, to the time when demon of want and greed will be exercised, when the Christmas spirit will at last be realized and there will in truth be a brotherhood of man.

Among the many uses for oil not the least is its use at sea in time of storm or rough weather. It is said that at the time of the destruction of the ship Voltorno by fire that a high sea was running and not until an oil burning rescue ship, that was standing by poured oil on the waters was there much chance of rescuing the people from the burning vessel.

Such large ships as the Titanic for instance, stand out of the water almost as high as a skyscraper. To launch a life boat in a rough sea from the deck of such a vessel means certain

death to the occupants. So that without the use of oil it is almost impossible to escape from a wreck in a storm.

Many contrivances have been invented for placing oil on rough seas, such as rockets to be shot on the windward side of a vessel that would distribute the oil. These could even be used by life saving crews from shore. It is thus seen what a great advantage even in this direction an oil burning vessel has over a coal burning ship. Aside from economy of space the factor of safety is increased not only in safe navigation but in rescue work in time of disaster as well.

The crowd of unemployed that has been parading the streets for the past two days seems to be led by a band of hoboes who are irresponsible and not inclined to works if they had the chance. Where there is a large number of unemployed the labor question is always a serious one. And an irresponsible element that creates excitement among people who are out of work are factors that have to be dealt with in a serious manner.

The more irresponsible the leaders of labor are the more serious is the question. It is invariably the case that where all kinds of labor is imported, and the less assimilable are the elements the more trouble there is in the end. Thus in South Africa just now there is a great deal of trouble with the Hindu element. Great numbers of Hindus have been imported into Natal under contract for cheap labor and now the Hindu population is as great as the whites. They do not assimilate and become a part of the people so that there is a question of handling them or of deporting them and the government has a contract on its hands that it can not fulfill. It has sown the wind and is reaping the whirlwind.

Canada has taken advantage of this experience and has excluded all immigration until next March when the Parliament will act in relation to the Hindu problem. The Hindus in this State are small in number and as yet no serious menace. But the time has come in this country when no race that is not assimilable should be admitted. We have a negro problem in the South as a result of the slave institution. There are enough foreign born people in the unemployed crowds of our streets of today. The time has come when our immigration should be restricted to assimilable races and to that class of those races that will make good citizens.

San Francisco and many other cities seem to be having a carnival of crime. This is not to be wondered at when we consider the way criminals are being treated in the press and on the

stage. When criminals are Olderized and notoriety given to every phase of crime it is not a subject of wonder that the irresponsible element of humanity should resort to crime when they find themselves hard up for money or out of a job during hard times.

Now that the currency measure has been passed we may hope for some immediate action to relieve the money situation. The program of the President thus far is good. There is to be a reduction in the tariff which will mean cheaper necessities. There is an income tax which will tend to place the burden of taxation upon those best able to bear it. So that where there is a decrease in the governmental revenue in one department it will be made up in another. And when the bankers grip on the money situation is loosened and every man has a free chance on the financial market as he ought to have business will take on a healthy tone and be under the control of natural laws that should of right guide the situation.

Heretofore the Wall street bankers and the great trust magnates have absolutely controlled the situation. They have been the engineers on the steam roller and unless an individual came to them on suppliant knee and paid to them their levy he was promptly flattened out. With the government control of the banking reserve and a means of supporting independent institutions, a different situation will be developed. Instead of all being vassals of these arrogant overlords there will be individual freedom with something of an equal chance.

The public has long been bunkoed into the idea that all the financial wisdom of the world was lodged in the domes of a few overfed financiers who were mainly ignorant of any moral law. When their bluff is called people will be surprised to see how empty was their claim and upon what a bubble they had builded their castle of strength and power.

Take the Parcel Post for example. The Chronicle has for years declared against. Every organ of the special privileges have shown how utterly impossible it was for the government to make a success of it. Look at the result. Even the stores of San Francisco send their parcels to be delivered in the city by the post. And the government is making money even in its present crude state. The express rates have been cut in two and they are still doing business. The howl that employees wages would be reduced has proved to be but a hollow pretense for when the facts have become known there was nothing else to it than that the public was being robbed through public franchises and had been robbed for years. Let the good work go on for when the money question is solved the most important thing of all will be settled.

Electrical Protection of Ships' Hulls.

This corrosion of the exterior of ships hulls is very largely due to electrolytic action is pretty extensively recognized. The joined plates, immersed in sea water, form so many battery cells owing to the chemical dissimilarity of the plates, and in each such cell the positive plate becomes pitted. It is well known that boilers,

condensers and the like may be protected against electrolysis tending to destroy them by attaching plates of zinc in their interiors, since by the electro-negative relation of the iron of the boiler or condenser to the zinc the latter is corroded and the iron rendered immune from corrosion. The new method of protection of the hull is to make the latter electro-negative to a specially disposed iron anode set in the hull in contact with the sea water. The special anode or anodes, insulated from the hull, are connected to an electric generator the other pole of which is grounded on the hull. In this way the destructive action of the sea water is directed to the anodes alone; and the merit of the idea lies in fact that these anodes are easily and cheaply renewed when necessary.

IN AN ARGUMENT.

Benjamin Franklin confides to the readers of his "Autobiography" the method which experience has taught him is the most effective for convincing people in an argument. The person who really desires to convince another, he says, should not be dogmatic. He should preface his argument with the remark, "I am inclined to believe," or, "Perhaps I am mistaken, but I think." In this way, according to Franklin, antagonism is disarmed, and the person is put in a receptive attitude.

It is rather difficult to lay down general rules of this sort, for method that may fit one personality may not be at all adapted to another. One man may be naturally diplomatic, and another may never get results from going around in his stocking feet. Franklin was highly successful with his diplomatic methods. But the prophets of Israel would have scorned anything so wobbly. "Thus saith the Lord," backed their messages, and they depended on a tremendous postiveness of statement to help bring conviction.

A man who has had unusual success in winning over hostile men to the support of measures he advocates, says he has found nothing like concrete cases for the basis of his appeal. The average man, he finds, is indifferent to general principles. But if an actual episode from life is put up to him, he instinctively takes the right side unless hopelessly blinded by self-interest.

You may find a man, for instance, who proclaims himself a stickler for individual liberty—or what he calls, individual liberty—and who announces that he is against "paternalism" in government. If you should try to argue with him on general principles you would get nowhere. But if you tell him about various cases of illness from bad milk, he would agree that there should be rigorous inspection by the city.

The famous philosopher, Kant, is said to have used just one illustration in expounding his great system of philosophy. That was to show the badness of illustrations. To use them, he said, was like trying to milk a he-goat into a sieve. You got no milk and if you did you couldn't keep it.

But that one illustration is about all that an average person can remember about Kant.

BURLESON TO THE FRONT.

The Postoffice Department is an enormously important business organi-

zation. It spends considerably more than 200 million dollars a year. It is the one department of the government in which the United States affects the lives of every family.

In Postmaster General Burleson the department has a head who measures up to the responsibility of the position. He has shown his ideals and his efficiency in his policy of extending the merit system, and in his conduct of the postal business. Now he advocates an extension of the usefulness of the service by recommending to Congress that it include the telegraph and telephone systems of the country. As he points out, these are really parts of the postal service; they are monopolistic in character, and their ownership by the government is the only practicable solution of the problems involved.

Congress will find that a strong public sentiment exists in support of the Burleson plan, which undoubtedly is approved by President Wilson. The Panama Canal has removed the doubt that once existed as to the ability of the federal government to conduct such enterprises as the telegraph and telephone systems.—Kansas City Star.

The Examiner editorially points a moral in the case of the burglar Bastian. That artist in his particular line of work seems to have had a criminal record in the East before he ever came here and the tale he told the officers of the law seems to have been principally moonshine.

As this was a skinning mark for sympathy and a good subject for the brand of pathological psychology which Fremont Older is handing out to his readers the result is not unexpected. Bastian seems to be a cunning criminal, a man in good health, in his right mind and having an advantage of knowing a trade whereby he could make a living. What excuse then has he to offer for burglary or wherein is he any more wronged by society than many thousand of others who are daily battling for their bread and at the same time leading honest lives.

While the Examiner's criticisms are just its own methods are usually about as open to criticism. It is anything to get circulation in the same manner as the theatres get business for the box office.

MAN'S POSSIBILITIES.

Man is the crowning work of God on earth; but though so nobly endowed, we must not forget that we are the lofty children of a race whose lowest forms lie prostrate within the water, having no higher aspiration than the desire for food; and we cannot understand the possible degradation and moral wretchedness of man, without knowing that his physical nature is rooted in all the material characteristics that belong to his type and link him even with the fish. The moral and intellectual gifts that distinguish him from them are his to use or abuse; he may, if he will, abjure his better nature and be veritable more than man. He may sink as low as the lowest of his type, or he may rise to a spiritual height that will make that which distinguishes him from the rest far more the controlling element of his being than that which unites him with them.

—AGASSIZ.

The San Francisco Gas Rate.

An Opinion by a Competent Lawyer and a Comment by a Federal Judge.

Somewhat more than a year ago the Board of Supervisors of the City and County of San Francisco fixed the rate of payment for gas in the City and County of San Francisco at 75 cents per thousand feet. Last September the Gas Company voluntarily raised the rate to 85 cents and is compelling all consumers to pay the new charge. The company has come into the federal courts and secured an injunction restraining the Board of Supervisors from enforcing the ordinance establishing the rate and in the meantime the company has asked to have the money impounded pending the outcome of the question in the courts. Judge Van Fleet of the federal court has wisely demanded that the gas company give a bond for the repayment of the excess charge with interest in the event that the case should go against the gas company. The legal situation is ably presented in the Labor Clarion of December 19, by Mr. Henry B. Lister, attorney, with offices in the Pacific Building. The article is quoted in full herewith:

Ever since the adoption of section 19 of article 11 of the State Constitution the City and County of San Francisco has been involved in litigation with its public service corporations concerning the validity of rates fixed by the Board of Supervisors for the services of said corporations in supplying the inhabitants with water and artificial light. This litigation has frequently suspended in its entirety the function of the Board of Supervisors to fix these rates as contemplated by the provisions of above-mentioned section. Inasmuch as the said corporations derive their franchise or privilege to use the streets of the city by virtue of the provisions of said section, and that this franchise or privilege is granted, as therein stipulated, "upon condition that the municipal government shall have the right to regulate the charges" of such services, it becomes extremely important to examine by what mode of procedure and legal reasoning the governing body of our city has been enjoined by Federal Judges from performing its rate-fixing function. The result of the litigation has been invariably that the corporations have proceeded to charge whatever rate they please, and the people have been unable to find any legal remedy to meet the aforesaid usurpation of public rights.

The following is an attempt in briefest outline possible to describe the legal principles and reasoning that underlies efforts now being made to obtain substantial relief in the courts against this absurd and anomalous condition in our city government.

The streets of a municipality are the property of the State and held by it in trust for the use and benefit of the people of the State. By provisions of the constitution and general laws passed in pursuance thereof the State has delegated to the municipality of San Francisco the functions of regulating

uses of its streets and thoroughfares. Some of these functions fall under the so-called police power, others under specific and limited powers, among which the function delegated to the municipality under said section 19. As owner in fee simple of the real property dedicated to public streets, the State, and in pursuance of delegated powers the municipality, exercises over its property, the said public streets, the same rights of dominion and disposition, including the right to make contracts in relation to the use thereof by others, as owners of private property have over their lands. As such owner of the public streets, the State grants to any person or corporation accepting the offer held out by it under the provisions of said section 19, a franchise or privilege, in the nature of an easement, to use the streets of the municipality for the purpose of supplying its inhabitants with water or artificial light, upon one condition, and that condition constitutes the rental, charge, consideration, equivalent, thing of value, or whatever it may be termed, which the State exacts for the use of such franchise or privilege. By acceptance of this offer, any person or corporation who actually enters upon the business of furnishing the aforesaid services, undertakes and becomes bound to the obligation to observe the rates fixed by the municipal government. Thus, the contractual relation is established. And in its capacity as a sovereign State California may not under the specific declaration of the tenth amendment be deprived thereof by the United States or by any of its courts. In other words, and with the facts in view of a specific case, unless the Pacific Gas and Electric Company fulfills its franchise condition and observes the rates fixed by the Supervisors of our city, it forfeits whatever rights it may have enjoyed under the provisions of section 19 as above mentioned, and becomes a tenant of the streets by sufferance merely and may at any time be ousted by proper application to a court having jurisdiction thereof. But, here we come to the crucial and significant point: has our Board of Supervisors fixed the rates in accordance with the plain provisions of section 19 of the constitution? I agree with the gas company that it has not fixed any rates; that the company is bound by its obligation in the premises to observe. But while I thus agree in that respect, I do so for a reason far different from that upon which the company is resting its case in the Federal court. There the corporation in its bill of complaint, paragraph 3, states that the municipality "is invested with the power to make and enforce within its limits, through the agency of its own officers, all local, police, sanitary and other regulations, which are not in conflict with general laws, and possesses subject to the limitations in the constitution of the United States of America and the constitution of the State of California, the power to

regulate the business of furnishing light, heat and power to itself and its inhabitants, and the power to fix and determine each year, by ordinance to take effect on the first day of July in such year the rates or compensation to be collected by any person or corporation for gas furnished," etc. With artful pleading the fact that a contractual relation exists is included but totally obscured in the foregoing language, and, strange to say, the legal representative of the city is apparently, as we shall see, willing to acquiesce in the legal assumption that the main question for determination of the court is whether or not the ordinance fixing the gas rates conforms to the law of regulation under the State's police power.

If the rate-fixing ordinance falls completely under the police power, the contention of the gas company that the act of the board in passing same is a legislative act, is perfectly proper. And very recently the City Attorney in a communication to the Board of Supervisors advised them that they were acting in their legislative capacity in fixing the gas rates, and that until the Federal court had passed upon the Federal questions involved, there was no legal means to prevent the company from charging its customers 85 cents or in excess of the rates fixed by the supervisors. The only remedy would be for a consumer to go into a court and oppose a particular rate by showing that it was unreasonably high, but in such case the court could not fix any rate but would merely declare the particular rate void. Thus, the city's legal representative falls in line with the company's legal theory, and ignores completely the legal points here presented.

In order to afford the public further insight into the competency of my view, I will submit the following authoritative judicial decisions on various aspects thereof.

Nearly a generation ago the question of water rates was submitted to the United States Supreme Court, in the case of Spring Valley Water Works vs. Schottler. That court considered then the effect of this very section of our State constitution, and held that our Board of Supervisors under said section were a special tribunal, acting judicially to determine the rate to be charged for water. This point has never since been up again for decision by that court. Hence as a precedent it has still full force and effect. Our own Supreme Court has held in many instances that certain bodies of administrative or governing character are invested with judicial function and power. One of the early cases still law is that of Whitney vs. Board of Delegates of San Francisco Fire Department, 11 Cal 478, wherein the court held that the latter body was acting judicially in determining certain facts in connection with declaring the results of an election in the department. In referring to the fact that legislative

or administrative bodies sometimes may be authorized to act judicially, the court says: "It is unnecessary for the determination of this point to advert to the familiar distinction between courts of limited and general jurisdiction."

In the case of *in re Jarwin*, 174 Mass. 151, the Supreme Court of Massachusetts, one of the ablest courts of any State, held that in conferring the power to fix water rates on two Supreme Court Justices the legislature was not compelling the Supreme Court to perform legislative functions, but was compelling it to perform judicial functions. At first that court felt inclined to think it was asked to act in a legislative capacity, but on more mature consideration it admitted the function was judicial in character.

Thus our Board of Supervisors sits as a special tribunal and adjusts a proper rate to be observed by the gas company in compliance with its contract obligation fixed by our State constitution. While so sitting, the board must hand down its decree like any other tribunal and may not do anything further in excess of its judicial power in the premises. Hence, as the board in the gas rate fixing ordinance makes the non-observance of the rates fixed therein a misdemeanor punishable by a certain penalty, it clearly violates its judicial power in the premises. On its face therefore the ordinance violates the constitution of the State. This ought to be so plain that in the future no Board of Supervisors in this city will have the hardihood to repeat the performance.

To bring the point home, read the decision of the U. S. Supreme Court in the case of *Gompers v. Buck Stove Co.*, 221 U. S., where it drew distinction between a civil and a criminal contempt, and said, suppose a man should be sued in a civil action for damages for assault and the court should render a decision ordering him to be committed to jail for committing the assault—such a decision would be beyond the jurisdiction of the court. Hence the criminal ordinance passed by the supervisors cannot on any pretext stand as a judicial decree determining the rates to be charged by the gas company for rendering services to the consumers of gas. And further, this ordinance does not apply only to those persons using the public streets, but is applicable to all persons selling the commodity, and makes no reference whatever to the persons and corporations proposing to derive their power under section 19 as aforesaid.

It may be admitted, though not necessarily, that the company is right when it states that, in attempting to enforce a void criminal ordinance, the Board of Supervisors is violating the provisions of the fourteenth amendment, and on that ground the federal court has a valid claim to take jurisdiction of the case.

But in arriving at that result all parties concerned have worked hand in hand, for had our supervisors and the legal representatives of the city acted as provided by the State constitution and general laws of the State, the federal court could not successfully establish its right to overturn the rates fixed by the supervisors in conformity therewith.

By an act of Congress, adopted

March 4, 1913, a State law can be enjoined only by a U. S. court in which a Justice of the supreme bench, or a Justice of the Circuit Court of Appeals is sitting with two other judges of the district court, after notice to the Attorney General and Governor of the State, whereupon such court will determine the question whether such law is violative of the federal constitution, and an appeal is granted immediately to the Supreme Court of the United States. The action must have the right of way over other pending actions and must be given an immediate hearing on an application for a preliminary injunction, and an appeal from the granting or denying of the preliminary injunction without waiting for final determination lies to the Supreme Court which will determine whether or not such law is or is not in violation of the federal constitution. And this act contains a further provision, more difficult to construe, which says that if at any time before the final determination action is brought in a State court to enforce the law, upon an order of the State court staying proceedings, all proceedings must be stayed in the federal court, until the State court may itself determine upon the constitutionality of the law.

In the foregoing act of Congress, the city's legal representatives may perhaps find some remedies not hitherto considered in connection with this gas litigation. At any event, the State must be made a party to the action; if not and if the point is pressed, it is obvious that the case may not proceed further in the court where it is now pending.

The essence of the pleading of the company is that it has a franchise to the use of the streets. This does not appear to be denied by the city; whereas it only has a conditional franchise, and the object of their suit is to evade the condition upon which the franchise depends.

The point herein urged by Mr. Lister that the Board of Supervisors act as a judicial body has been lately sustained by our Supreme Court in deciding the Telephone cases where his contention is upheld that the Railroad Commission is a judicial body in fixing rates.

That these questions should drag out week after week and month after month while the people have to pay meanwhile is a thing that ought to be remedied. And in the opinion of most people the fault lies with the City Attorney's office. Thus Judge Van Fleet in his opinion concludes with the following comment:

"I deem it not inopportune to add that, in my judgment, the difficulties growing out of the question here presented could be largely avoided or reduced to a minimum by a greater diligence in pushing these rate-fixing cases to a conclusion. Indeed the question of maintaining the status quo only becomes a serious one because of the long delay usually experienced in having such cases prepared for final hearing—something for which, so far as my observation goes, there exists no adequate reason inhering necessarily in their nature. As counsel are well aware, this delay does not rest with the Court. By reason of the fact that the cases usually involve numerous and complicated questions of fact, the Su-

preme Court has indicated that they are proper cases to be sent to the Master for the taking of the evidence and finding the facts. (Chicago, etc. R. Co. vs. Thompson, 176 U. S. 167.) This can be done immediately the pleadings are in, and the Master will be found ready and willing to give them early hearing; and when in a state for final hearing the Court is always ready to lend its aid to facilitate a prompt determination. But beyond this the Court is powerless, since it does not lie with it to prepare a case for presentation, nor can it decide it until ready for submission. I make these suggestions in no censorious spirit, but with the hope that in the future in disposing of this class of litigation, involving, as it always does, questions of public interest, it may be found compatible with the other obligations of counsel and the court to give it a readier disposition.

"An order will be entered granting a modification of the restraining order in accordance with the suggestions herein indicated. Such an order counsel may prepare.

CONCRETE TILE BLOCKS AT PANAMA CANAL.

Some of the permanent buildings, primarily the administration building, along the Panama Canal, are to be constructed of a patented hollow concrete tile block. Operations at the factory near Corozal, where these blocks are to be made, was started last month. The process of manufacture is the invention of A. A. Pauley, and is known at the "Wet," or "Steam" method in contradistinction to what is ordinarily called the "Dry" process. The exclusive right of manufacture on the Isthmus was acquired by the Canal Commission, and the inventor personally supervised the installation of the moulding machinery.

Concrete for the blocks is mixed in the following proportions: Four and a half parts of punta Chaume sand; six parts of screenings from Ancon quarry, and three parts of cement. The materials are hoisted by an elevator to a platform at the top of the building and dumped into a $\frac{1}{2}$ -cubic yard concrete mixer. This mixer discharges by means of a 2-way chute into two wooden troughs, each served by an agitator, consisting of an iron rod to which are attached a series of blades. The agitators move forward and backward horizontally, the passing of the blades through the mixture serving to keep it constantly stirred up. The object of the agitators is to prevent the concrete from stiffening and to give it the proper age. The agitator troughs are provided with valves, one to each of the twelve moulding machines. These machines are arranged in two rows, six machines on each side of the agitator troughs, and are capable of producing blocks of the following sizes: 12 by 12 by 18 inches, for foundations, or walls; 8 by 12 by 16 inches, for corner; 6 by 12 by 12 inches and 4 by 12 by 12 inches, for partitions; and 3 by 12 by 12 inches, for interior columns.

Each moulding machine is of cast steel construction they are raised a short distance, thus placing the top of all machines on a level line 65 inches above the floor, and are capable of turning out four blocks at a single operation, except the 12 by 12 by 18-

inch machines, which turn out three blocks per operation. The forms are enclosed within a double cast steel lining with a space between for the admission of steam. In moulding a block, the first step is to insert a cast iron frame, called a palatte, having the shape of the solid portion of the required block, at the bottom of the mould; this acts as a base and support for the block. The valve in the agitator trough is then opened, and the concrete is allowed to flow down a short chute to the top of the mould. The workman in charge of the machine, using a trowel, then diverts the thin or wet concrete into the crevices around the forms until all are filled level with the top. Steam which may be graduated to the desired pressure by a series of valves located beneath the machine, is then turned on for a period of four minutes. The steam causes the mixture to heat until a sufficient amount of moisture is evaporated and the thin concrete stiffened so that it will stand alone, when it is turned out of the mould by means of a crank, which pushes the palatte, and the block which rests upon it, upward until they are in the clear above the top of the machine. Careful handling at this stage is necessary, the blocks being lifted from the mould and transferred to short lengths of wooden planking placed on receiving racks, or elevators, by means of a wooden device which clamps the sides of the block closely and also fits beneath the palatte. There are six of these receiving racks or elevators, so constructed that when the first plank or shelf is loaded with tile, the turning of a crank lowers the shelf about 20 inches and another plank is placed for loading, on the angle iron brackets which automatically appear at the top of the rack; this result is obtained by spacing trackets, at equal distances of 19 1/2 inches, along four endless chains which pass over sprockets actuated by the crank. Each elevator has a capacity of four loaded shelves. The elevators are set with the top shelf on a level with the top of the tile-making machinery, and each elevator serves two machines. The blocks are removed from the elevator to the curing rooms, or alleys, by a special truck provided with arms, which when extended under the elevator shelves, and raised by means of a lever on the truck, remove the planks and their loads, from the elevator, the same resting securely on the arms of the truck.

The curing room consists of 24 galvanized iron compartments, each about 45 feet long, four feet wide and eight feet high, entirely enclosed, and equipped with racks in tiers. Twelve of these compartments are situated on one side of the plant, and 12 on the other. In these rooms, the blocks are given their perfecting treatment, which consists of a combined steam and water-dripping process, calculated to facilitate the setting up and hardening of the blocks, so that within a period of 48 hours they are ready to be removed to the storage yard.

Each mould is attended by one man, with a helper for each two machines. The men now employed are all new to the work, and have not yet attained proficiency. It is proposed to place a double shift in effect shortly one shift working from 7 a. m. to 3:30 p. m., with a half hour for lunch, and the other shift working from 3:30 p. m. until

midnight, with a half hour for supper. Under this arrangement, with the plant operated at its maximum capacity, it is estimated that about 5000 blocks can be produced during the 16 hours of labor. The loss in defective output is expected not to exceed .02 per cent. The storage yard consists of a large space adjacent to the plant on the west, which has been leveled off, with trucking ways concreted through it. A railroad track for loading the blocks on cars extends along the outer side of the yard.

Each unit of the machinery is operated by individual electric motors, the power being furnished from the Miraflores station. Steam is generated by two boilers located in a shed outside the plant.

FEATURES OF THE NEW EQUITABLE BUILDING.

Some interesting statistics regarding the new Equitable building, now under way on the site of the old structure in lower Broadway, New York City, will convey in a measure at least the magnitude of the undertaking.

Among other things there will be required 33,000 barrels of cement in the foundations, 120,000 cu. ft. of cement in the building itself, 1,215,000 cu. ft. of broken stone, 168,000 cu. ft. of terra cotta, 4,000,000 hollow tiles, 350,000 sq. ft. of marble trim and material for flooring, 1,350,000 cu. ft. of sand and 17,500,000 common brick. This estimate is about 5,500,000 more brick than was required for the Pennsylvania railroad terminal and about 10,000,000 more than was used in the construction of the twin Hudson Terminal buildings. There will be 152 steel supporting columns, the weight of the heaviest of which will be 32 tons. The structural steel work will require 18,000 gallons of paint to coat it.

There will be 50 elevators in the building so arranged that if a firm occupies several floors it will have its own private elevator. All the elevator shafts will be enclosed in brick and will have fireproof doors. The stairways, enclosed completely in tile or brick, also have fireproof doors. The building will contain 5,000 windows and all offices will have wash-basins with hot and cold water connections.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$28,000. Architect, M. Mattanovich. David Hewes Bldg., S. F. Owners, Lachman Bros. This building has been mentioned here before when plans were first started. The building will be erected on the east line of Mission street south of 16th, and has been designed for stores on the first floor and a number of apartments on the upper floors. The structure will have a frontage of 75 feet and a depth of 35 feet. There will be a total of 42 apartments of two and three rooms. All suites will have private bath rooms and wall beds. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Interior finish will be of pine with some elm panels. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be carried on by Beach and Hefferman. David Hewes Bldg. Material bids are now being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, A. Reinholdt Denke, Humboldt Bank Bldg., S. F. Owner, Mrs. Hattie Becker. The building will be erected on Presidio avenue and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood. Oak floors will be used in the living room. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house alterations, 3 story and base, frame, \$6,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mrs. Willis. The present three story flat building located on Green street near Larkin will be altered into a modern apartment house containing six two and three room suites. Interior finish will be of pine throughout. There will be a new steam heating system, wall beds and hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are now out for figures.

OKLAHOMA, CAL.—Apartment house, 3 story and base, frame, \$12,000. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owners, Midway Co. The building will be erected in Adams Point and has been designed to contain a number of two and three room suites all with private baths and wall beds. Interior finish will be of pine with elm panels and oak floors in the living rooms. Plans provide for steam heat and a hot water supply. Vacuum cleaning will also be installed. Entrance will be finished in marble. Exterior of the building will be faced with cement plaster on metal lath. A garbage incinerator will also be installed. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick, \$17,000. Architects, R. D. King and E. C. Taylor. Consolidated Realty Bldg., L. A. Owner, E. A. Shedden. The building will be erected on a site covering an area of 50 by 130 feet. First floor will contain three stores besides the entrance to the apartments. There will be 40 rooms divided into 14 suites on the second floor. Plans provide for steam heat and a hot water system. All suites will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath

rooms. Interior finish will be of pine. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared. The work will be done by Day Labor.

BRIDGES AND DAMS.

PASADENA, LOS ANGELES CO., CAL. Bridge, reinforced concrete, \$50,000. Engineer, City Engineer, Pasadena. Owners, City of Pasadena. Plans are now being prepared for a reinforced concrete bridge over the Arroyo Seco at California street. The structure will be 379 feet long with a 28 foot driveway and two five foot sidewalks. There will be five spans. An ornamental system of electric lighting will be installed. Plans and specifications and full particulars can be secured from the City Engineer at Pasadena. Further mention of the work will be made in these columns when figures are called.

LOS ANGELES CAL.—Harbor work, \$1,147,400. Engineer Jubb, Los Angeles. Owners, City of Los Angeles. Estimates of cost submitted to the Harbor Commission by Harbor Engineer Jubb show that the cost of completing harbor improvements on the Mormon Island Channel in the inner harbor, the Water street wharf and harbor improvements on municipal dock No. 1 in the outer harbor including transit sheds, etc., and the construction of an approach from Fourteenth street to municipal dock No. 1, will aggregate \$1,147,400. The estimated cost of completing pier A or the improvements on the Mormon Island Channel in the inner harbor is summarized as follows: Street improvements including Fries to Front, \$28,000; water main from Fries street, \$8,000; Alta Planing Mill, extra for shed and wharf changes, \$12,000; water side doors, \$7,800; 405-foot wharf extension, \$30,000; 405-foot shed, including water and lighting, \$51,600; railroad tracks, \$11,000; 450-foot street extension, \$5,000; additional dredging, Slip No. 1, \$25,000; total, \$178,400. Water street wharf estimate follows: Shed, 100x150 feet, \$51,000; sprinkler system, \$10,000; electrical system, \$2,000; water mains, \$3,000; paving, \$25,000; railroad tracks and trestle, \$9,000; total, \$100,000. Municipal dock No. 1 estimates: Steel shed, 100x1800 feet, \$225,000; sprinkler system, \$30,000; tank and street mains, \$15,000; electrical layout, \$7,000; equipment \$15,000; paving shed and wharf deck, \$30,000; street improvement, \$60,000; tracks, \$15,000; administration and engineering, \$17,000; total, \$414,000. Harbor Boulevard estimates: Timm's Point excavation, \$98,000; Fourth street to Fourteenth street excavation, \$25,000; Palos Verdes to Fourth, 145,000 yards at 30 cents, \$43,500; Harbor Boulevard paving, 600,000 square yards at 20 cents, 120,000; Timm's Point viaduct, 2000 feet, at \$75, \$150,000; moving library, grading, etc., \$13,000.

PORTLAND, ORE.—Dock and bulkhead construction. Cost not stated. Engineers, Harbor Commission, Portland. Owners, City of Portland. Plans and specifications for a bulkhead to be built in connection with Public Dock No. 1 at the foot of 15th and 17th streets are now being prepared in the office of the Public Dock Commission and will be completed within a few days, when bids will be called for.

Plans are also completed for the proposed East Side Dock to be erected between E. Oak and Washington Streets. This will be similar in design to the dock now under construction on the West Side by the Lewis A. Hicks Co. It will be 525 feet long and will be of concrete and mill construction. Bids will be called for about January 10.

Contracts Awarded.

TACOMA, WASH.—Bridges, 2 steel construction. Cost not stated. Engineer, A. R. Cook, Chief Engineer Northern Pacific R. R. Co., Tacoma. Owners, Northern Pacific R. R. Co. Contractor, Widell Co., Mankato, Minn. Contract price, 15th street bridge, \$150,000; 21st street bridge, \$100,000.

CHURCHES.

HOLLYWOOD, LOS ANGELES CO., CAL.—Church, 1 story and base, brick. Cost not stated. Architect, Frank T. Kegley, Consolidated Realty Bldg., L. A. Owners, Hollywood Presbyterian Church. The design is in the classic style. Main auditorium will have a seating capacity of 400 people and the lecture hall 250. Besides these rooms plans show a pastor's study and social rooms. There will be a central heating system, art glass windows and pine trim. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Church, 1 story and base, frame and artificial stone, \$20,000. Architect W. H. Slack, 617 South Evergreen street, L. A. Owners, Euclid Heights Methodist Church. Contractor, W. H. Slack, 617 South Evergreen street, L. A. Contract price, \$20,000.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Stables, etc., 2 story and base, frame and corrugated iron, \$11,000. Architect, none. Owners, California Fruit Cannery Association, 120 Market street, S. F. The building will be erected on the north side of Bay street west of Taylor covering an area of 85 by 173½ feet. Stalls will be equipped with metal feed boxes, water distributing system and other modern equipment. Phoenix barn doors are specified. Plumbing and electric work will be let separately. Exterior of the building will be covered with corrugated iron. Roof will be of fireproof asbestos. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Winery addition, 2 story and base, reinforced concrete, \$20,000. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, M. Sattul. An extensive addition will be made to the plant at the corner of 23rd and Bryant streets. New portion of the building will be fireproof throughout with reinforced concrete walls and floors. There will be a number of large wooden tanks. Metal window sash and frames will be specified. Exterior of the building will be faced with cement plaster. Plans for this work are now being prepared.

WINEHAVEN, CONTRA COSTA CO., sewerage system, etc., reinforced concrete construction, \$50,000. Architect, none. Owners, California Wine Association, 150 Townsend street, S. F. The California Wine Association have had plans prepared for a large sewer sys-

tem to be installed at their \$3,000,000 plant at Winehaven. The company will construct about 100 cottages for their employees and install additional fire protection. Buildings will be of reinforced concrete. A total of \$50,000 will be spent for these improvements.

LOS ANGELES, CAL.—Box Factory, 4 story and base, brick and steel. Cost not stated. Architect, J. Martyn Hansen, Story Bldg., L. A. Owners, Renshaw, Jones & Sutton. The building will be erected at the corner of 9th and Alameda streets covering an area of 120 by 165 feet. Besides the factory the building will house the general offices. Interior finish will be of pine. There will be steam heat and power, metal window sash and frames and fireproof doors. An automatic sprinkler system will also be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Factory, 6 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, F. O. Pfaffman and William F. Schifferl. These men have purchased a site covering a large area at the corner of Pico Boulevard and Featherston avenue and will start construction of the first unit of a food products plant within three months. The first building will be but one story high and will cost about \$50,000. A large amount of special equipment will be required. Details of the project are being handled by The Merchants' Realty Co., Van Nuys Bldg., L. A. Further mention will be made of this work.

FIRE HOUSES.

Contracts Awarded.

BERKELEY, ALAMEDA CO., CAL.—Fire house, 2 story and base, reinforced concrete, \$23,375. Architect, William H. Ratchiff Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. Contractors, Clinton Fireproofing Co., S. F. Contract price, \$23,375. Note—A complete list of the figures opened for this work appears under the heading of Oakland and Alameda County in this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, brick, \$5,000. Architect, none. Owners, Egan Bros., 1150 Folsom street. The building will be erected on the north side of Folsom street east of 8th covering an area of 25 by 97 feet. The first floor will contain a store and upper floor two modern flats of four and five rooms. Interior finish will be of pine and redwood. There will be automatic water heaters and tile wainscot. Exterior of the building will be faced with stock brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, Theo W. Lanzen, Humboldt Bank Bldg., S. F. Owner, R. C. Bingley Jr. The building will be erected on the east side of 9th avenue between I and J streets and has been arranged for store and living apartments on the first floor and one large residential flat on the second. Interiors will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be one

large open fire place with brick mantel. Bath room will have composition floor and tile wainscot. Tile will be used in the kitchen. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Naval Supplies.

On dates indicated below bids will be opened by the paymaster general of the navy for furnishing the following supplies:

Schedule 6065—Yards and Docks

To be opened January 13.

Class 1, Pearl Harbor, Honolulu, Seattle, and San Francisco—10,000 bbls Portland cement.

Class 2, Seattle and San Francisco—10,000 bbls Portland cement.

Fort Mason, Cal., Storehouse.

The following awards have been made for the construction of two reinforced concrete storehouses for the Army supply depot, Fort Mason, Cal.: M. Fisher, San Francisco, Cal., construction proper, using concrete pile construction as per alternate 10, \$118,454.

Wm. P. Scott, San Francisco, Cal., plumbing \$5,565.

Globe Electric Works, San Francisco, Cal., \$4,200 for wiring and fixtures.

H. Hasset Warehouse Co., San Francisco, Cal., spiral chutes, \$1,575.

Plumbing fixtures manufactured by the Crane Co. specified.

Bids for elevator rejected and new bids will be asked for the installation of one elevator in each storehouse instead of two elevators

Selig Extension Canal.

The secretary of the interior has authorized the Reclamation Service to execute contract with the Orman Construction Co., of Pueblo, Colo., for excavating a portion of the Selig extension canal, Uncompahgre irrigation project, Colo. The work involves the excavation of 26,200 cubic yards of material and 4,000 cubic yards of overhauled. The contract price is \$7,199.

Portland, Oreg., Mezzanine Floors.

The following bids were received by the custodian, U. S. post office and court house, Portland, Oreg., recently for the construction of mezzanine floors in main post office workroom, Portland, Oreg.:

N. M. Hall, Portland, Oreg., \$619; 21 days

J. H. Tillman, Portland, Oreg., \$945; Findley & Jacobson, Portland, Oreg., \$1,271; 20 days.

PROSPECTIVE BIDDERS.

Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Brigham City, Utah, Construction, January 2.

Campbell Building Co., Salt Lake City, Utah.

The George Hinchliff Co., Security Building, Chicago, Ill.

King Lumber Co., Charlottesville, Va.

W. C. Boyer, P. O. Box 91, Grand Junction, Colo.

J. H. Wiese, City National Bank Building, Omaha, Neb.

Parrott Bros. Co., 305 Newhouse Building, Salt Lake City, Utah.

Grand Junction, Colo., Construction, January 4.

J. H. Wiese, City National Bank Building, Omaha, Neb.

King Lumber Co., Charlottesville, Va.

J. E. Jenkins, Ocala, Fla.

Parrott Bros. Co., Newhouse Building, Salt Lake City, Utah.

Hilo, Hawaii, Construction, January 15.

Sound Construction and Engineering Co., 1007 Lowman Building, Seattle, Wash.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Henry D. Whitfield, 160 Fifth avenue, New York City.

W. N. Concannon, Monadnock Building, San Francisco, Cal.

Southwestern Construction Co., Central Building, Los Angeles, Cal.

Grant Pee, 2440 16th street, San Francisco, Cal.

Spalding Construction Co., Grant avenue and Bush street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

A. L. Young Machinery Co., San Francisco, Cal.

George Marshall, Hotel Sutter, San Francisco, al.

Reclamation Service, Transformers.

The following bids were received at the office of the Reclamation Service, Los Angeles, Cal., for furnishing two 5-K. V. A. transformers for the Truckee-Carson project:

Pittsburgh Transformer Co., Pittsburgh, Pa., \$100; delivery Pittsburgh, 15 working days.

Allis-Chalmers Mfg. Co., Los Angeles, Cal., \$107.50; delivery Los Angeles, Cal., 1 day.

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., \$113.56; delivery Salt Lake City, Utah, 5 days.

Wagner Electric Co., Los Angeles, Cal., \$115; delivery San Francisco, 2 days.

B. F. Kierulff, Jr. & Co., Los Angeles, Cal., for Ft. Wayne transformers, \$194.50; delivery San Francisco, 1 day.

San Francisco, Cal., Files.

The contract for furnishing and installing four special mahogany files cases for the U. S. court officers, San Francisco, Cal., has been awarded to Wollgaear Mfg. Co., at \$1,530.

Honolulu, H. T., Repairs.

The contract for reshelving roofs of all cabin quarters, etc., U. S. quarantine station, Honolulu, H. T., has been awarded to W. N. Concannon Co. at \$1,985.

Honolulu, H. T., Alterations.

The contract for miscellaneous alterations at the U. S. post office, old, Honolulu, H. T., has been awarded to Lord-Young Engineering Co. at \$685.

Pocatello, Idaho, Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, including plumbing gas piping, heating apparatus, electric conduits and wiring, and interior lighting fixtures, and the approaches

of the U. S. post office at Pocatello, Idaho:

Bid 1, H. E. Dorrington, 568 Maple street, Portland, Oreg.

2, Palmberg & Mattson, Astoria, Oreg.

3, Parrott Bros. Co., Salt Lake City, Utah.

4, Campbell Building Co., Salt Lake City, Utah.

5, Northern Construction Co., Milwaukee, Wis.

6, North Pacific Construction Co., Twin Falls, Idaho.

For using limestone for all stonework, except where granite is required—Bid 1, \$93,174; 2, \$93,575; 3, \$95,617; 4, \$98,338; 5, \$99,860; 6, \$106,500.

For using sandstone for all stonework, except where granite is required—Bid 1, \$94,218; 2, \$94,675; 3, \$96,000; 4, \$98,338; 5, \$100,900; 6, \$106,500.

For alternate A (substituting brick for macadam in connection with the driveway, as specified), add—Bid 1, \$260; 2, \$900; 3, \$800; 4, \$1,750; 5, \$570; 6, \$1,326.

For alternate B (substituting stone for exterior terra cotta, as specified), add to limestone bid—Bid 1, \$4,750; 2, \$4,950; 3, \$4,250; 4, \$4,610; 5, \$4,700; 6, \$3,545. Add to sandstone bid—Bid 1, \$5,100; 2, \$4,950; 3, \$3,250; 4, \$4,610; 5, \$6,700; 6, \$4,665.

For alternate C (substituting granite for concrete in connection with terrace steps at Arthur avenue entrance, as specified), add—Bid 1, \$420; 2, \$500; 3, \$1,500; 4, \$282; 5, \$350; 6, \$267.

For alternate D (substituting terrazzo floor with marble borders, marble cross strips, marble base, marble thresholds, etc., for wood floor, base, etc., in second story corridor, as specified), add—Bid 1, \$450; 2, \$690; 3, \$600; 4, \$447; 5, \$400; 6, \$1,100.

For alternate E (substituting Keene's cement for hard plaster, as specified), add—Bid 1, \$1,286; 2, \$900; 3, \$500; 4, \$575; 5, \$750; 6, \$375.

Amount included in the proposal for all work in connection with approaches—Bid 1, \$1,592; 2, \$2,100; 3, \$3,000; 4, \$2,275; 5, \$2,600; 6, \$2,245.

Amount included in the proposal for subdrainage system, complete, including catch basin—Bid 1, \$225; 2, \$350; 3, \$600; 4, \$375; 5, \$230; 6, \$250.

Amount included in the proposal for all work in connection with waterproofing of basement walls, including the brick or terra cotta lining—Bid 1, \$325; 2, \$500; 3, \$200; 4, \$115; 5, \$480; 6, \$752.

Amount included in lump-sum proposal for window and door screens—Bid 1, \$500; 2, \$440; 3, \$700; 4, \$35; 5, \$400; 6, \$700.

Amount included in the proposal for all work specified under head of "Plumbing," based on the number of fixtures as given in the schedule, exclusive of plumbing marble—Bid 1, \$3,840; 2, \$6,450; 3, \$6,600; 4, \$4,750; 5, \$7,200; 6, \$9,750.

Amount included in the proposal for all marblework and terrazzo floors, complete, in place in all toilet rooms and in janitor's sink closet—Bid 1, \$1,975; 2, \$2,300; 3, \$2,000; 4, \$2,750; 5, \$2,300; 6, \$2,683.

Amount included in the proposal for all work specified under head of "Gas piping"—Bid 1, \$450; 2, \$450; 3, \$275; 4, \$390; 5, \$490; 6, \$540.

Amount included in the proposal for all work specified under "Heating ap-

paratus"—Bid 1, \$4,131; 2, \$5,875; 3, \$5,800; 4, \$4,650; 5, \$4,100; 6, \$7,255. Amount included in the proposal for all work specified under head of "Conduit and wiring system"—Bid 1, \$2,464; 2, \$3,400; 3, \$3,000; 4, \$2,935; 5, \$1,800; 6, \$3,000.

Amount included in the proposal for all work specified under "Lighting fixtures"—Bid 1, \$1,650; 2, \$1,800; 3, \$1,400; 4, \$1,400; 5, \$1,500; 6, \$1,400.

Amount to be deducted from the proposal if nonconducting coverings are omitted from the hot water tank, all cold water, hot water, and circulating piping of plumbing system, except the ice water piping and piping concealed in chases—Bid 1, \$250; 2, \$175; 3, \$320; 4, \$250; 5, \$350; 6, \$404.

Amount to be deducted from the proposal if all nonconducting coverings are omitted from the breeching, and pipes and fittings of heating apparatus except risers in chases—Bid 1, \$200; 2, \$190; 3, \$400; 4, \$220; 5, \$200; 6, \$245.

Canal Requisitions.

Requisitions for the following materials have been received at the office of the Isthmian Canal Commission and an advertisement will shortly be issued calling for bids: 1 switchboard, 3 switchboard panels, 4 dipper lips, 4 forward spud timbers, 45,000 machine bolts, 2,500 lbs. hard sheet brass, 1,700 lbs. bronze, 200 ft. cable, 200 lbs flexible do, 20,000 lbs. calcium carbide, 3,900 ft. straight-link chain, 4,500 lbs. sheet copper, 192 bastard files, 276 second-cut mill files, 144 smooth flat files, 420 panes glass, 20 mounted grindstones, 156 prs. hinges or butts, 400 lbs. carpenter's chalkline, 5,000 lbs. yellow metal, 35,000 lbs. common wire nails, 4,600 lbs. wire nails, 13,520 square nuts, 5,000 lbs. hexagon nuts, 500 lbs. oakum, 200 lbs. canvas packing, 1,400 railroad picks, 1,000 do, 144 boxwood rolls, 20,000 boat spikes, 130 bars cold-rolled steel, 650 ft. brags tubing, 1,500 lbs. washers, 5,000 lbs. boiler-plate zinc, 19,600 ft. B. M., white oak, 500 memo books, 50,000 white index cards, 2,400 rolls pins, 25,000 hacksaw blades, 2,000 do, 3,300 lbs. special bronze, 360 stable brooms, 400 flat paint brushes, 600 galvanized buckets, 9,500 yds. white cotton canvas, 500 rolls bronze wire cloth, 44 reams emery cloth, 175 water coolers, 300 grease cups, 300 do, 1,368 bastard flat files, 288 second-cut files, 4,332 double-cut slim taper files, 456 second-cut mill files, 636 smooth flat files, 216 bastard files, round; 168 bastard files, square; 950 railroad signal flags, 1,000 hand-hole gaskets, 5,000 round asbestos gaskets, 6,000 ft. 1-in rubber air hose, 5,000 ft. 1 3/4-in. rubber air hose, 3,000 ft. rubber water hose, 2,500 ft. 3/4-in. steam hose, 2,200 lbs. sheet rubber packing, brass wire insertion; 2,800 lbs. rubber packing, 1,650 lbs. square flax packing, 1,950 lbs. square spiral packing, 84 sets water gauges, 1,050 tubular globes, 3,000 machinists' hammer handles, 4,000 sledge handles, 6,000 ft. leather belt lacing, 100,000 ft. long-leaf yellow pine or Douglas fir, 120 coroa door mats, 2,500 mop heads, 220 pairs white ash oars, 60 cases toilet paper, 700 ft. pipe lengths, 72 talow pots, 1,000 reams white bond paper, 1,450 lbs. copper tacks, 40 steel tapes. SAN FRANCISCO—Government work concrete and brick construction. Cost not stated. Engineer, Constructing Quartermaster's Department, Fort Mason. Owners, United States Govern-

ment. New work contemplated by the United States Government at the military posts about the bay include the following: Rock bunker at the Torpedo Waarf, Fort Winfield Scott, capacity 300 cubic yards, foundations of creosoted piles. A three ton, stiff leg derrick will also be erected. Plans for the grading of the site for the new Quartermaster Stables have been forwarded to Washington. The site is 16 acres in area and the following buildings will be erected: All the post stable sheds, store houses, forage and granary buildings for both the Presidio and Fort Scott. There will be about 23 buildings in all including a stable building with a capacity of 700 head. Plans for moving and enlarging the present brick guard house at the Presidio are under way. It is proposed to clear the entire site north of the main road to the brick barracks and west of the main road to the docks. This site is to be used by the government for the building in connection with the Exposition. The bill now before Congress calls for an appropriation for a three story fireproof building, probably with a basement. While no dimensions have been given it is understood that the building will not be less than 300x300 feet. After the Exposition this building will be remodeled for Division Headquarters. Among the projects now under way in the Constructing Quartermaster's Office at Fort Mason are the following: A drainage system for the stable site at Fort Scott, additional drainage system for roads at Fort Scott, construction of a fire house at Fort Scott, a garbage crematory for the Letterman General Hospital and a large crematory for the entire Presidio Reservation. Plans are also being prepared for enlarging the wharf at Fort Berry and constructing breakwater to protect it from the undertow. Plans for these projects have been forwarded to Washington and bids will not be called for until the department reports them back to the Constructing Quartermaster.

SAN FRANCISCO—Government work, electric wiring, etc. Cost not stated. Engineer, Constructing Quartermaster's office, Fort Mason. Owners, United States Government. Bids were opened by the Constructing Quartermaster's office at Fort Mason on Tuesday for electric and plumbing installation at the Letterman General Hospital, Presidio of San Francisco, and for the electric installations at the Army Transport docks. The Burnham Plumbing Co. were low on the work at the Letterman General Hospital at \$2,555. Three figures were submitted for the work at the Army Transport Docks with a difference of but five dollars between the highest and lowest figures. Newberry-Benheim Electric Co. bid \$1,995, the Globe Electric Co. \$1,998, and H. S. Title \$2,000.

HOSPITALS

SAN FRANCISCO—Hospital, 5 story and base. Class A construction, \$100,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Stanford University. Architects Bakewell & Brown have been commissioned to prepare plans for the new buildings which are to be erected at the Lane Hospital at the corner of Clay and Webster streets. The present building will be

enlarged and extended along Webster street and a new wing constructed adjoining the medical building. Construction will be fireproof throughout with a steel frame and brick and concrete filler walls. The two new portions will give an added capacity to the hospital of 150 patients. A smaller building, designed to house the laundry, will be erected in the court between the two larger structures. Included in the equipment of the new buildings will be special hydrotherapeutic rooms, X ray rooms, and special operating rooms. Tile and hardwood will be used extensively. There will be a modern system of steam heat and vacuum cleaning. Exterior of the building will be faced with pressed brick. The work has been estimated to cost \$100,000.

HOTELS.

SAN FRANCISCO—Hotel alterations, 3 story and base, frame. Cost not stated. Architect, none. Owner, Charles Katz, 1200 Dolores street, S. F. This work will consist of extensive alterations to the building located on the west side of Mission street south of 17th street. Included in the work will be new interior finish and partitions, plumbing and electric work. The exterior of the building and first floor will not be altered. Plans are complete and work will be done by Day Labor.

SEATTLE, WASH.—Hotel, 4 story or more. Class A construction, \$150,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. The building will be erected at the corner of Yesler Way and Post street covering an area of 68 by 178 feet. Only preliminary plans have been prepared and details of the construction can not be given at this time. The first floor will contain stores, besides the hotel lobby and office. The preliminary plans show a total of 150 guest rooms, the largest proportion of which will have private baths. There will be steam heat, elevator service and modern equipment throughout. Exterior of the building will be faced with pressed brick. Construction will be fireproof. Further mention of this work will be made as the plans progress.

LOS ANGELES, CAL.—Hotel, 12 story and base. Class A construction, \$300,000. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter. The building will be erected on the east side of Spring street between 2nd and 3rd avenues covering an area of 70 by 155 feet. There will be two stores and the lobby on the first floor and a total of 245 guest rooms on the upper floors. Nearly all rooms will have private baths. Construction will be of the reinforced concrete type with exterior walls faced with pressed brick and terra cotta. Floors and roof slab will also be of reinforced concrete. Interior partitions will be of hollow tile. There will be steam heat, two elevators and a vacuum cleaning system. Plans are nearly complete and figures will be called for shortly.

LIBRARIES.

OLYMPIA, WASH.—Library, 2 story and base, reinforced concrete, \$25,000. Architects, Blackwell & Baker, Northern Bank Bldg., Seattle, associated

with J. H. Wohleb, Talcott Bldg., Olympia. Owners, City of Olympia. A selection of the competitive plans presented has just been made. The building will be designed in the classic style and will contain two large reading rooms, children's room, office and stack room. Construction will be fireproof. Interior will be finished in pine and hardwood. There will be steam heat, metal window sash and frames and a vacuum cleaning system. Exterior of the building will be faced with cement plaster and pressed brick. Working drawings are being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Sewer work, etc. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and can be secured from the Director of Works for constructing sewers in the Court of Honor. Bids will be opened on January 8th for this work. An official proposal appears in another column of this issue.

SAN DIEGO, CAL.—Oriental buildings, frame construction, \$125,000. Architect, Frederick Heinlein Lissner Bldg., L. A. Owner, Oriental City Exhibit Co. The Oriental City exhibit at the San Diego Exposition will house exhibits from practically every country of the Orient. The project has been financed by Prince Hadji Tahar, and work will begin early in the new year on the construction. The principal features of the group will be an Oriental and European cafe, an Algerian theater, and a large Hindoo temple, two stories high, with massive dome. All the larger buildings of the group will be two stories high, with plaster and metal lath walls, cement foundation, and tile floors. There will be a main entrance finished in marble and tile, and a large amount of hardwood finish.

Contracts Awarded.

SAN FRANCISCO—New York State Building, concrete and frame construction, \$126,600. Architect, Director of Works, Service Bldg., S. F. Owners, State of New York. Contractor, Nell A. McLean, Chronicle Bldg., S. F. General construction, \$118,000; Charles Wright, 24 Stockton street, plumbing, electric work and heating, \$18,600. A complete list of all figures submitted appears under the heading of San Francisco in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,000. Architect, W. S. Rhodes, 3372 16th street, S. F. Owner, M. J. Terranova. The house will be erected on Paris street near Persia and has been designed for a seven room house with bath. Interior finish will be of pine with some elm panels and oak floors. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floors and the wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,500. Architect, Joseph A. Leonard, Phelan Bldg., S. F. Owner, George L. Savage. The house will be erected in the Ingleside Terraces and has been designed in the Spanish style. The house will contain eight rooms, baths and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be equipped with shower and will have tile floors and wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials will be purchased through Mr. Leonard's office.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman and Bro., 712 Market street, S. F. The house will be erected on the west side of Huron street south of Sikes and has been designed for a seven room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place with tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 20 Presidio Terrace, S. F. The dwelling has been designed for a six room house and will be erected on the east side of 11th avenue near Fulton street. Interior finish will be largely of pine with some elm panels in the living and dining rooms. Hardwood floors will also be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Bungalows, 2 1/2 story and base, frame, \$2,000 each. Architect, none. Owner, Charles G. Anderson, 2912 21st street, S. F. These two houses will be erected on the west side of Whitney street south of 30th street. Each dwelling has been arranged to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. The wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence 2 story and base, frame, \$3,000. Architect, none. Owner, J. S. Purcell, 856 Presidio Terrace, S. F. This house has

been designed for a seven room dwelling and will be erected on the south side of Lincoln street east of 14th avenue. Interior will be finished in pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floor will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$9,000. Architect, Ernest Coxhead, Hearst Bldg., S. F. Owner, Dr. Henry Gibbons. The dwelling has been designed to contain eight rooms, bath and sleeping porch. A splendid site on Presidio Terrace has been secured. Interior of the dwelling will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Tile wainscot will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Oakland Building Co., Security Bank Bldg., Oakland. The dwelling will be erected on the west side of Perkins street north of Van Buren and has been designed to contain seven rooms and bath. Interior finish will be largely of pine. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

PLEASANTON, ALAMEDA CO., CAL.—Bungalow, 1 1/2 story and base, frame, \$1,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner's name withheld. The house has been designed for a country home and will contain in the neighborhood of seven rooms, bath and sleeping porch. Interior will be finished entirely in pine and redwood. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and two open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shingles. Plans are complete and figures will be taken at once.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Chester H. Miller, 1412 Bldg. Oakland. Owner, Frank Spring. The house will be erected in the Thousand Oaks tract and will contain seven rooms, bath and sleeping

porch. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. The wainscot will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect, none. Owners, B. F. Butler and George Alyworth, 333 49th street, Oakland. This house has been designed for an eight room dwelling with bath and sleeping porch and will be erected at the northwest corner of San Pablo avenue and Laurel street. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Claude B. Barton. Security Bank Bldg., Oakland. Owners, Newman and Wilkinson. The house will be erected in the Claremont Tract and has been designed for a seven room dwelling with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. An automatic water heater will be installed. Bath and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, H. N. Turrell, 841 Walker avenue, Oakland. The dwelling will be erected on the west side of Walker avenue north of Cottage and has been designed for a seven room house with bath and sleeping porch. Interior finish will be largely of pine with some elm panels in the living and dining rooms. Oak floors will be used throughout. Plans provide for furnace heat and open fire places. An automatic water heater will be installed. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Cottage, 1 story and base, frame, \$2,000. Architect, none. Owner, G. D. Merila, 1251 Locust, San Jose. The dwelling has been designed for a five room house with bath. Interior finish will be of pine throughout. Oak

floors will be used in the living and dining room. There will be large open fire place and tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story, attic and base, hollow tile construction, \$75,000. Architect, W. J. Dodd, 945 South Los Angeles street, L. A. Owner, J. M. Danziger. Contractor, Frank Hudson, Higgins Bldg., L. A. Contract price, \$75,000. Note—Subfigures are now being taken on electric work, plumbing fixtures and finish hardware.

SCHOOLS.

SANTA PAULA, VENTURA CO., CAL.—School, 2 story and base, reinforced concrete, \$60,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, City of Santa Paula. The building will cover an area of 55 by 173 feet and will contain sixteen class rooms besides a large auditorium, principal's office and teachers' rooms. The auditorium will seat 600 people. The design is in the Mission style, exterior of the building being face with cement plaster and roof of clay tile. Construction will be practically fireproof. Plans provide for a central heating system, maple floors and slate blackboards. There will be a vacuum cleaning system and program clocks. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Orphans' Home, 1 2-story and 1 3-story and base, brick. Cost not stated. Architect, I. H. Seehorn, 328½ Clay street, L. A. Owners, Missionary Sisters of the Sacred Heart. These buildings will be erected on Sunset Boulevard near North Hill street and each will cover an area of 60 by 100 feet. They will contain the administrative offices, dining room, kitchens, playrooms, chapel, classrooms, 22 bathrooms, dormitories, etc. The buildings will be of fireproof construction with brick exterior and bearing walls, blue brick facing, reinforced concrete floors and roof slab, floors, hollow tile partitions, metal frames and sash, fire escapes, 100 plumbing fixtures, steam heat, electric wiring, water heaters. Exteriors will be faced with pressed brick. Plans are being prepared.

CORVALLIS, ORE.—School, 2 story and base, brick, \$75,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Corvallis School District. Only preliminary plans have been prepared and it has not been decided how many class rooms will be included in the building. Plans are being prepared so that the structure may be erected on the unit system, only one unit being completed this year. The entire project will include sixteen class rooms, auditorium and laboratories. Construction will be fireproof. Exterior of the building will be faced with pressed brick. Plans will include steam heat, program clocks and a vacuum cleaning system. Further mention will be made of the work as the plans progress.

STORES.

SAN FRANCISCO—Market, 1 story and base, frame, \$2,000. Architect, Charles Pantoni, 916 Kearny street, S. F. Owner, Angelo Belli. The building at the corner of Fillmore and Jackson streets will be moved to the rear of the lot and altered into a modern flat building. A new structure of one story designed to contain a market will be erected on the site of the old building. There will be patent store fronts and interior finish of pine. Exterior will be covered with a veneer pressed brick. Plans are being prepared.

SAN FRANCISCO—Offices, 14 story and base, Class A construction, \$1,200,000. Architect, J. Martyn Haenko, Story Bldg., L. A. Owners, Sweeney Estate. The Building and Industrial News can state on first hand information that the Sweeney Estate will secure a loan of \$850,000 shortly after January 1st and will proceed at once with the construction of the 14 story Class A office building at the southeast corner of Montgomery and Bush streets. The building will occupy the entire Montgomery street frontage except that portion at the corner of Sutter and Montgomery owned by the Donohue-Kelley people.

FAIRFAX, MARIN CO., CAL.—Stores and dance hall, 2 story and base, frame, \$5,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, Rocca Bros. The building will be erected at the corner of Fairfax Road and Fairfax avenue covering an area of 50 by 95 feet. There will be two stores on the first floor and a large dance hall and billiard room on the second floor. Interior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Lofts, 8 story and base, Class A construction. Cost not stated. Architect, J. Martyn Haenko, Story Bldg., L. A. Owner, E. C. Collins. The property at the corner of 12th and Broadway will be improved with an eight story structure. The first floor will contain stores and upper floors will be arranged for lofts. The building will cover an area of 122 by 113 feet. There will be a complete steel frame with exterior walls of brick, faced with pressed brick and terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, elevator service and vacuum cleaning. Patent store fronts, sidewalk doors and light are specified. Plans are now being prepared. Further mention will be made of the work as plans progress.

SEATTLE—Offices, 4 story and base, Class A construction, \$500,000. Architect, William Kingsley, Empire Bldg., Seattle. Owners, Times Publishing Co. This work was reported in these columns over a year ago when it was first announced that the Seattle newspaper would build. The site at the intersection of Westlake, 4th and Stewart streets is now being cleared and the architect states that specifications are nearly complete for the new building. There will be a complete steel frame, reinforced concrete walls and floors. Interior partitions will be of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwood, marble and metal trim. Plans provide for steam heat, elevator

service, mail chutes and a vacuum cleaning system. Metal window sash and frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick and terra cotta. Bids will be called for shortly.

SEALED PROPOSALS.

PROPOSALS FOR STEEL REINFORCEMENT.

STEEL REINFORCEMENT BARS—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until **2 o'clock p. m., January 29, 1914**, for furnishing about 750,000 pounds of steel reinforcement bars. For particulars address the United States Reclamation Service, Washington, D. C., or Great Falls, Mont. A. P. DAVIS, acting director.

PROPOSALS FOR STEEL REINFORCEMENT.

STEEL REINFORCEMENT BARS—Department of the Interior, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Boise, Idaho, until **2 o'clock p. m., January 29, 1914**, for furnishing about 490,000 pounds of steel reinforcement bars. For particulars address the United States Reclamation Service, Boise, Idaho, or Washington, D. C. A. P. DAVIS, acting director.

PROPOSALS FOR CEMENT.

PORTLAND CEMENT—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, 408 Commonwealth Building, Denver, Colo., until **10 o'clock a. m., January 15, 1914**, for furnishing 250,000 barrels of Portland cement, f. o. b. cars at the works of the bidder. For particulars address the U. S. Reclamation Service, Washington, D. C., or Commonwealth Building, Denver, Colo. A. P. DAVIS, acting director.

PROPOSALS FOR FLAGSTAFFS.

FLAG STAFFS—Fort Mifsonia, Mont.—Sealed proposals, in triplicate, for erection of 100-foot iron flag staff will be received here until **10 o'clock a. m., January 12, 1914**, and then opened. Information furnished on application. Envelopes containing proposals should be indorsed "Proposals for Erection of Flag Staff" and addressed to C. F. VON DEM BROSCHKE, 14th Inf., A. Q. M.

PROPOSALS FOR REMOVING ROCK.

ROCK REMOVAL—U. S. Engineer Office, 101 Castelnau House, San Francisco, Cal.—Sealed proposals for removing Centisima rock near entrance to San Francisco Bay, Cal., will be received at this office until **1 o'clock a. m., January 15, 1914**, and then publicly opened. Information on application. THOMAS H. REES, lieutenant colonel, engineers.

PROPOSALS FOR QUAY WALL.

QUAY WALL—Sealed proposals, indorsed "Proposals for Quay Wall," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **1 o'clock a. m., January 17, 1914**, and then there publicly opened for quay wall at the United States naval magazine, Puget Sound. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the navy yard. Amount available, \$147,000. BREMERSON, WILIAM M. SMITH, acting chief of bureau.

PROPOSALS FOR CLOCK SYSTEM.

Pursuant to Resolution No. 712, N. S., passed December 12, 1913, the Council of the City of Oakland will receive

proposals or bids on **January 8th, 1914**, for furnishing of all the materials, labor and workmanship required for the Clock System for the City Hall Building in the City of Oakland, California.

All proposals shall be made upon and conform to the requirements and the forms of proposals prepared and furnished by the City, through the Architects, and shall be enclosed in sealed envelopes, indorsed "Bids for furnishing of all the materials, labor or workmanship required in connection with the Clock System required for the City Hall Building," addressed to the Council and deposited by the bidder or his agent, with said Council while in session, between **eleven o'clock a. m. and twelve o'clock noon, Pacific time, on the 8th day of January, 1914**, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

No bid shall be received or considered which is not accompanied by a check, certified by the responsible bank payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the proposals submitted by the bidder. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within five (5) days after receiving notice of award.

A set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgment and specifications will be furnished contractors at length at the office of the Architects at City Hall Building. The plans and drawings may be had at the said office of the Architects after December 15th, 1913, within a reasonable time, on application, and upon a deposit of Fifteen Dollars (\$15.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architects in good condition; one complete set of plans and drawings required for the work will be furnished each applicant. Additional copies will, however, be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architects, together with the first set.

The right is reserved to the Council, in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted, and to award the contract to the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **twelve o'clock noon, Wednesday, January 16th, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work of erecting the construction and erection of the Female (Dozier) Cottages at the Napa State Hospital, Napa, California, in accordance with the plans and specifications, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Each, a bidder's bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Female (Dozier) Cottages, Napa State Hospital, Napa, California."

(Signed) W. F. McCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 212, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **10:00 A. M., Friday, January 2nd, 1914**, for Electric Wiring of Machinery Building, Education Building, Liberal Arts Building, Food Products Building and Agriculture Building in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 212, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **10:00 A. M., Friday, January 2, 1914**, for Automobile Sprinkler System for The Education Building, Food Products Building, Liberal Arts Building, Agriculture Building, Manufactures Building, Transportation Building, Mines Building and Varied Industries Building in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide

bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of fifty dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Friday, January 2, 1914, for Construction and Installation of Sewers for Ferry Building, Garden and Service Road South of Machinery Hall in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock noon, Monday, January 5, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the sand blasting of the granite work and steps of the Capitol Building, at Sacramento, California, in accordance with specifications therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of \$2.00 (Two Dollars) will be required on the specifications, the deposit to be returned immediately on the return of the specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked "Bids for Sand Blasting." "Proposals for Sand Blasting." State Capitol Building, Sacramento, California."

[Signed] W. F. McCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 25, 1913.—Sealed proposals will be opened in this office at 3 p. m., January 6, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures

and approaches) of the United States post office at Grand Junction, Colo. One story and base building, grogery area, 5,700 square feet; fireproof construction; stone and brick facing; tile and composition roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., or at this office, in the discretion of the Supervising Architect. O. Wenderoth, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

The James Graham Mfg. Co., will receive bids at their office in Newark, Cal., on or before 3 o'clock P. M., January 10, 1914, for the erection of a one-story brick warehouse.

Plans and specifications describing this work may be had from A. T. Griffin, Niles, Cal., or from the James Graham Mfg. Co. office 531 Mission St., San Francisco, Cal. (*)

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 7th day of January, 1914, for furnishing and delivering the following material:

The machine shop equipment for the Geary Street Municipal Railway.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of the bond for faithful performance of the contract has been fixed at \$5,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Thursday, January 8, 1914, for The Construction and Installation of Sewers for The Court of Honor, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered.

When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$4,000, San Francisco. Architect, W. S. Rhodes, 3372 16th street, S. F. Owner, M. J. Terranova. The house will be erected on Paris street near Persia and has been designed for a seven room house with bath. Interior finish will be of pine with some elm panels and oak floors. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$8,500, San Francisco. Architect, Joseph A. Leonard, Phelan Bldg., S. F. Owner, George L. Savage. The house will be erected in the Ingleside Terraces and has been designed in the Spanish style. The house will contain eight rooms, baths and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for fur-

nace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be equipped with shower and will have tile floors and wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials will be purchased through Mr. Leonard's office.

RESIDENCE — 2 story and base, frame, \$2,500, San Francisco. Architect, note, Owners, Oscar Heyman and Bro., 712 Market street, S. F. The house will be erected on the west side of Huron street south of Sikes and has been designed for a seven room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place with tile or brick mantel. Bath room and kitchen will have the wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base,

frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six room house and will be erected on the east side of 11th avenue near Fulton street. Interior finish will be largely of pine with some elm panels in the living and dining rooms. Hardwood floors will also be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by day labor. Materials are now being purchased.

BUNGALOWS—2 1/2 story and base, frame, \$2,000 each. San Francisco. Architect, none. Owner, Charles G. Anderson, 3942 24th street, S. F. These two houses will be erected on the west side of Whitney street south of 30th street. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, J. S. Purcell, 856 Presidio Terrace, S. F. This house has been designed for a seven room dwelling and will be erected on the south side of Lincoln street east of 4th avenue. Interior will be finished in pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

RESIDENCE — 2 story and base, frame, \$9,000. San Francisco. Architect, Ernest Coxhead, Hearst Bldg., S. F. Owner, Dr. Henry Gibbons. The dwelling has been designed to contain eight rooms, bath and sleeping porch. A splendid site on Presidio Terrace has been secured. Interior of the dwelling will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for a central heating system, probably hot water, and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Tile wainscot will also be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called shortly.

SEWER WORK, ETC.—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and can be secured from the Director of works for constructing sewers in the

Court of Honor. Bids will be opened on January 8th for this work. An official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$28,000. San Francisco. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owners, Lachman Bros. This building has been mentioned here before when plans were first started. The building will be erected on the east line of Mission street south of 16th and has been designed for stores on the first floor and a number of apartments on the upper floors. The structure will have a frontage of 75 feet and a depth of 95 feet. There will be a total of 42 apartments of two and three rooms. All suites will have private bath rooms and wall beds. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Interior finish will be of pine with some elm panels. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be carried on by Beach and Heffernan, David Hewes Bldg. Material bids are now being taken.

APARTMENT HOUSE—5 story and base, frame, \$12,000. San Francisco. Architect, A. Reinholdt Denke, Humboldt Bank Bldg., S. F. Owner, Mrs. Hattie Becker. The building will be erected on Presidio avenue and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood. Oak floors will be used in the living room. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE ALTERATIONS—3 story and base, frame, \$6,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mrs. Willis. The present three story flat building located on Green street near Larkin will be altered into a modern apartment house containing six two and three room suites. Interior finish will be of pine throughout. There will be a new steam heating system, wall beds and hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are now out for figures.

STABLES, ETC.—2 story and base, frame and corrugated iron, \$11,000. San Francisco. Architect, none. Owners, California Fruit Cannery's Association, 120 Market street, S. F. The building will be erected on the north side of Bay street west of Taylor covering an area of 85 by 173 1/2 feet. Stalls will be equipped with metal feed boxes, water distributing system and other modern equipment. Phoenix barn doors are specified. Plumbing and electric work will be let separately. Exterior of the building will be covered with corrugated iron. Roof will be of fireproof asbestos. Plans are complete and the work will be done by Day Labor.

WINERY ADDITION—2 story and base, reinforced concrete, \$20,000. San Francisco. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, M. Sattul. An extensive addition will be made to the plant at the corner of 23rd and Bryant streets. New portion of the building will be fireproof throughout with reinforced concrete walls and floors. There will be a number of large wooden tanks. Metal window sash and frames will be specified. Exterior of the building will be faced with cement plaster. Plans for this work are now being prepared.

FLATS—2 story and base, brick, \$5,000. San Francisco. Architect, none. Owners, Egan Bros., 1150 Polson streets. The building will be erected on the north side of Polson street east of 8th covering an area of 25 by 97 feet. The first floor will contain a store and upper floor two modern flats of four and five rooms. Interior finish will be of pine and redwood. There will be automatic water heaters and tile wainscot. Exterior of the building will be faced with stock brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Theo W. Lenzen, Humboldt Bank Bldg., S. F. Owner, R. C. Bingley Jr. The building will be erected on the east side of 9th avenue between I and J streets and has been arranged for store and living apartments on the first floor and one large residential flat on the second floor. Interiors will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be one large open fire place with brick mantel. Bath room will have composition floor and tile wainscot. Tile will be used in the kitchen. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

GOVERNMENT WORK — Concrete and brick construction. Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. New work contemplated by the United States Government at the military posts about the bay include the following: Rock bunker at the Torpedo Wharf, Fort Winfield Scott, capacity 300 cubic yards, foundations of crescent piles. A three-ton, stiff leg derrick will also be erected. Plans for the grading of the site for the new Quartermaster Stables have been forwarded to Washington. The site is 16 acres in area and the following buildings will be erected: all the post stable sheds, store houses, forage and granary buildings for both the Presidio and Fort Scott. There will be about 23 buildings in all including a stable building with a capacity of 700 head. Plans for moving and enlarging the present brick guard house at the Presidio are under way. It is proposed to clear the entire site north of the main road to the brick barracks and west of the main road to the docks. This site is to be used by the government for the building in connection with the Exposition. The bill now before Congress calls for an appropriation for a three story fireproof building, probably with a basement. While no dimensions have been given it is understood that the building will not

be less than 300 by 300 feet. After the exposition this building will be remodeled for Division Headquarters. Among the projects now under way in the Constructing Quartermaster's Office at Fort Mason are the following: A drainage system for the stable site at Fort Scott, construction of a fire house at Fort Scott, a garbage crematory for the Letterman General Hospital and a large crematory for the entire Presidio Reservation. Plans are also being prepared for enlarging the wharf at Fort Berry and constructing breakwater to protect it from the undertow. Plans for these projects have been forwarded to Washington and bids will not be called for until the department reports them back to the Constructing Quartermaster.

HOSPITAL—5 story and base, Class A construction, \$100,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Stanford University. Architects Bakewell & Brown have been commissioned to prepare plans for the new buildings which are to be erected at the Lane Hospital at the corner of Clay and Webster streets. The present building will be enlarged and extended along Webster street adjoining the medical building. Construction will be fireproof throughout with a steel frame and brick and concrete filler walls. The two new portions will give an added capacity to the hospital of 150 patients. A smaller building, designed to house the laundry, will be erected in the court between the two larger structures. Included in the equipment of the new buildings will be special hydrotherapeutic rooms, X ray rooms, and special operating rooms. Tile and hardwood will be used extensively. There will be a modern system of steam heat and vacuum cleaning. Exterior of the building will be faced with pressed brick. The work has been estimated to cost \$100,000.

GOVERNMENT WORK—Electric wiring, etc. Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids were opened by the Constructing Quartermaster's Office at Fort Mason on Tuesday for electric and plumbing installation at the Letterman General Hospital, Presidio of San Francisco, and for the electric installations at the Army Transport Docks. The Burnham Plumbing Co. were low on the work at the Letterman General Hospital at \$2,556. Three figures were submitted for the work at the Army Transport Docks with a difference of but five dollars between the highest and lowest figures. Newberry-Benhelm Electric Co. bid \$1,995, the Globe Electric Co. \$1,993 and H. S. Tittle \$2,000.

HOTEL ALTERATIONS—2 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, Charles Katz, 1200 Dolores street, S. F. This work will consist of extensive alterations to the building located on the west side of Mission street south of 17th street. Included in the work will be new interior finish and partitions, plumbing and electric work. The exterior of the building and first floor will not be altered. Plans are complete and the work will be done by day labor.

MARKET—1 story and base, frame, \$2,600. San Francisco. Architect, Charles Fantoni, 316 Kearny street, S.

F. Owner, Angelo Belli. The building at the corner of Fillmore and Jackson streets will be moved to the rear of the lot and altered into a modern flat building. A new structure of one story designed to contain a market will be erected on the site of the old building. There will be patent store fronts and interior finish of pine. Exterior will be covered with a veneer pressed brick. Plans are being prepared.

OFFICES—14 story and base, Class A construction, \$1,200,000. San Francisco. Architect, J. Martyn Haenke, Story Bldg., L. A. Owners, Sweeney Estate. The Building and Industrial News can state on first hand information that the Sweeney Estate will secure a loan of \$850,000 shortly after January 1st and will proceed at once with the construction of the 14 story Class "A" office building at the southeast corner of Montgomery and Bush streets. The building will occupy the entire Montgomery street frontage except that portion at the corner of Sutter and Montgomery owned by the Donohue-Kelly people.

Contracts Awarded.

NEW YORK STATE BUILDING—Concrete and frame construction, \$126,600. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, State of New York. Contractor, Neil A. McLean, Chronicle Bldg., S. F. general construction, \$118,800. Charles Wright, 24 Stockton street, plumbing, electric work and heating, \$18,000. A complete list of all figures submitted appears under the heading of San Francisco in this issue.

Bids Opened For Government Work.

Electrical Installation and Plumbing at Letterman Hospital and Army Transport Docks.

Bids were opened by the Constructing Quartermaster's Office at Fort Mason on Tuesday for electric and plumbing installation at the Letterman General Hospital, Presidio of San Francisco, and for electric installation at the Army Transport Docks. The Burnham Plumbing Co. were low on the work at the Letterman General Hospital at \$2,556.

Three figures were submitted for the work at the Army Transport Docks, with a difference of but five dollars between the highest and lowest figures. Newberry-Benhelm Electric Co. bid \$1,995, the Globe Electric Co. \$1,993 and H. S. Tittle, \$2,000.

Berkeley Fire House Contract Awarded.

Fifteen Sets of Figures Were Opened At Tuesday's Meeting Clinton Fireproofing Co. Are Awarded Work.

Bids were received at the Tuesday afternoon session of the Berkeley Council for the construction of the two-story and basement reinforced concrete fire house, designed by Archi-

tect William H. Ratcliffe Jr. The contract was awarded to the Clinton Fireproofing Co., of this city, at \$23,375. The following is a list of all bids received:

Ben Pearson	\$27,044
Tieslau Bros.	26,685
Clinton Fireproofing Co.	23,375
H. F. Smith.....3.....	25,952
Royd, Kerr & McLean.....	24,990
T. W. Clennahan Co.....	27,484
John M. Bartlett.....	25,920
Fluth & Morton.....	31,900
Phil Sheridan	33,873
H. P. Nelson.....	29,230
W. G. McGinty & Son.....	26,500
Foster, Vogt Co.....	28,857
Hluxome & Co.....	29,500
Thurston & Co.....	26,994
J. L. Merrilies & Co.....	33,164

New York Contract Goes To McLean.

New York Commission Awards Big Fair Contract to Neil A. McLean. Other Work to Charles Wright.

(By Special Wire.)

Bids opened in New York by the Panama-Pacific Commission of the State of New York for the construction of the state building show Neil A. McLean low at \$118,800 for the general construction. A contract has been awarded to him at that figure. The plumbing, heating and electric work were awarded to Charles Wright on his bids as follows: Plumbing, \$8,000; heating, \$5,500, and electric work, \$4,500. Kiernan & O'Brien bid on the heating and plumbing, but their bid stipulated all work or nothing and was rejected. The following is a complete list of the bids as opened:

General Construction.

Neil A. McLean.....	\$118,800
Ringrose & Vogt.....	121,757
Denell Constr. Co.....	133,391
Dunnivant & Co.....	122,399
F. P. & L. F. Fischer.....	123,574
Charles Wright	123,000
Grant Fee	134,650
Commary-Peterson Co.	144,000
James L. Brown.....	145,000
Reese-Rountree & Co.....	151,000

Plumbing.

Denell Constr. Co.....	\$9,350
Dunnivant & Co.....	9,640
F. P. & L. F. Fischer.....	8,365
Charles Wright	8,000
Grant Fee	8,275
Commary-Peterson Co.	8,700
Reese-Rountree & Co.....	10,500
Kiernan & O'Brien.....	7,736
Alex. Coleman	8,156
Turner Co.	8,285
Wittman-Lyman & Co.....	9,167
J. E. O'Mara.....	9,500

Heating.

Denell Constr. Co.....	\$6,720
Dunnivant & Co.....	5,600
F. P. & L. F. Fischer.....	6,075
Charles Wright	5,500
Grant Fee	5,790
Commary-Peterson Co.	6,300
Reese-Rountree & Co.....	6,603
Kiernan & O'Brien.....	6,550
Turner Co.	6,000
Wittman-Lyman & Co.....	6,394
J. E. O'Mara.....	6,347

Electric Work.

Denell Constr. Co.	\$5,500
Dunnivant & Co.	4,800
Charles Wright	4,500
Grant Fee	4,800
Connary-Peterson Co.	5,000
Reese-Rountree & Co.	5,500
Turner Co.	5,500

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
4562	Hooker	Keefe	2750
4563	Same	Byron	1764
4564	Same	Cavanagh	16750
4565	Same	Farrell	4105
4566	Same	Petersen	3890
4567	Same	Artistic Mtl	1875
4568	Same	U. S. Metal	1000
4569	Same	Mangrum	2325
4570	Same	Gladding	1090
4571	Same	Anderson	1627
4573	Smith	Smith	500
4574	Nelson	Nelson	2300
4575	Grannell	Grannell	1000
4576	Homestead	Grahn	1200
4577	Purcell	Purcell	2985
4578	Bergman	Dunn	400
4579	Katz	Katz	5000
4580	Hannah	Hannah	3000
4581	Vorrath	Vorrath	650
4582	Anderson	Anderson	1800
4583	Bredon	Bredon	1000
4584	Bredon	Bredon	1000
4585	Pedrin	Montani	1610
4586	French Bank	Snook	5000
4587	Aguilar	Trace	414
4588	Schlessinger	Linden	6136
4589	Same	Kiernan	490
4590	Jensen	Jensen	1400
4591	Hayman	Hayman	2400
4592	Rosenthal	Arthur	500
4593	Robson	Sattler	450
4594	Oellerich	Oellerich	550
4595	Leone	Nelson	400
4596	Pane	Pane	400
4597	Giam	Giam	1000
4598	Werner	Moise	400
4599	Hansen	Hansen	1000
4600	Webb	Perry	1400
4601	Sargent	Rickon	10615

(4562) S PACIFIC AVE 32-6 E Walnut E 110X8 127-84. Painting for two-story and basement frame residence.

Owner.....Mrs. Katherine P. Hooker, 3277 Pacific Ave., S. F.
Architect.....Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor.....J. H. Keefe Co., 820 O'Farrell, San Francisco.

Filed Dec. 22, '13. Dated Dec. 20, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2750

Bond, \$1375. Surety, Fidelity & Deposit Co. of Maryland. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4563) ELECTRIC WIRING & LIGHT fixtures on above:

Contractor.....Byron Elec. Constr. Co., 1534 5th Ave., S. F.
Filed Dec. 22, '13. Dated Dec. 18, '13.
Payments same as above.....

TOTAL COST, \$1764
Bond, \$882. Surety, U. S. Fidelity & Guaranty Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4546) CARPENTRY ON ABOVE.
Contractor.....Thomas A. Cavanagh, 180 Jessie, San Francisco.

Filed Dec. 22, '13. Dated Dec. 16, '13.
Payments same as above.....

TOTAL COST, \$16,577
Bond, \$8320. Sureties, D. O. Druffel and P. Beaver. Limit, June 30, 1914. Forfeit, \$20. Plans and specifications filed.

(4565) EXCAVATION, FOUNDATIONS and concrete on above.
Contractor.....Farrell & Reed, M. A. Gunst Bldg., San Francisco
Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$1105
Bond, \$2060. Surety, Aetna Accident & Liability Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4566) PLUMBING ON ABOVE.
Contractor.....Petersen-James Co. 710 Larkin, San Francisco.

Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$3880
Bond, \$1945. Surety, Pacific Coast Casualty Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4567) ORNAMENTAL IRON WORK on above.
Contractor.....Artistic Metal Works, 1426 Howard, San Francisco.

Filed Dec. 22, '13. Dated Dec. 19, '13.
Payments same as above.....

TOTAL COST, \$1875
Bond, \$940. Surety, U. S. Fidelity & Guaranty Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4568) ROOFING AND SHEET METAL on above.
Contractor.....The United States Metal Products Co., 525 Market, San Francisco.

Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$1000
Bond, \$500. Surety, New England Casualty Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4569) STEAM HEATING ON ABOVE.
Contractor.....Mangrum & Otter, Inc., 361 Mission, San Francisco.

Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$2325
Bond, \$1175. Surety, National Surety Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4570) TILE ROOFING ON ABOVE.
Contractor.....Gladding & McBean, Crocker Bldg., S. F.

Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$1080
Bond, \$545. Sureties, Geo. R. Chambers and R. C. Davis. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4571) BRICK WORK ON ABOVE.
Contractor.....Anderson & Rainey, 110 Jessie, San Francisco.

Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$1627.50
Bond, \$815. Surety, Aetna Accident & Liability Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4572) EXTERIOR AND INTERIOR lath and plaster on above.
Contractor.....C. C. Morehouse, Sharon Bldg., S. F.

Filed Dec. 22, '13. Dated Dec. 17, '13.
Payments same as above.....

TOTAL COST, \$2562
Bond, \$2631. Surety, United States Fi-

delity & Guaranty Co. Limit, June 30, 1914. Forfeit, \$10. Plans and specifications filed.

(4573) E TWENTY-FIFTH AVE 100 S Clement. Plaster and finish dwelling and build new foundation.
Owner.....E. Smith, 2617 Clement, San Francisco.

Architect.....None.
Day's work..... COST, \$500

(4574) E ELEVENTH AVE 120 N Fulton. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect.....None.
Day's work..... COST, \$2500

(4575) E ELSIE 200 N Eugenia. One-story frame dwelling.

Owner.....M. Grannell, 101 Elsie, San Francisco.

Architect.....Bungalow Craftsman, Chamber of Commerce Bldg., Los Angeles.
Day's work..... COST, \$1000

(4576) W SAN JOSE 75 S Goethe. One-story and basement frame dwlg.

Owner.....Homestead Realty Co., 202 Mutual Bank Bldg., S. F.

Architect.....None.

Contractor.....Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1200

(4577) S LINCOLN WAY 58-6 E 4th Ave. Two-story and basement frame dwelling.

Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco.

Architect.....None.
Day's work..... COST, \$2985

(4578) NO. 355 TWENTY-SEVENTH Ave. General repairs and alter residence.

Owner.....Ed. A. Bergman, Prenises.

Architect.....None.

Contractor.....Dunn Bros., 2630 Hyde, San Francisco.
COST, \$100

(4579) W MISSION 100 S 17th; No. 2110 Mission. Alter and add to frame store and rooms.

Owner.....Chas. Katz, 1200 Dolores, San Francisco.

Architect.....None.
Day's work..... COST, \$5000

(4580) E ADA COURT 97-6 N O'Farrell. Two-story concrete offices.

Owner.....J. D. and J. S. Hannah, Monadnock Bldg., S. F.

Engineer.....L. M. Hausmann, Sharon Bldg., San Francisco.

Contractor.....J. D. Hannah, Monadnock Bldg., San Francisco.
COST, \$3000

(4581) SE GEARY & HENDERSON Repairs to building.

Owner.....Wm. A. Vorrath, 629 10th Ave., San Francisco.

Architect.....None.
Day's work..... COST, \$650

(4582) W WHITNEY 425 S 10th. One- and one-half-story frame dwlg.

Owner.....Chas. G. Anderson, 3942 24th, San Francisco

Architect.....None.
Day's work..... COST, \$1800

(4583) W WHITNEY 400 S 30th. One and one-half-story frame dwlg.
Owner.....Chas. G. Anderson, 3942 24th, San Francisco.
Architect...None.
Day's work. COST, \$1800

(4554) E TREAT AVE 425 S Precita. One-story and basement frame dwlg.
Owner.....A. Breddon, 1581 Treat Av. San Francisco.
Day's work. COST, \$1000

(4555) S FRANCISCO 70 E Grant Ave E 30xS 122-6. All alterations and additions, except concrete and excavation for two-story frame addition to factory building.
Owner.....F. Pedrini, Matteucci & Vannucci Co. and E. Giambastiani, Premises.
Architect...J. A. Porporato, 619 Washington, San Francisco.
Contractor..S. Montani & G. Stefanini 1753 Greenwich, S. F.
Filed Dec. 23, '13. Dated Dec. 20, '13.
Rough frame up.....\$300
Rustic and gravel roof on..... 300
Completed and accepted..... 400
Usual 35 days..... 610
TOTAL COST, \$1610
Bond, \$1610. Sureties, F. Borcelli and G. Guisti. Limit, 60 days. Forfeit, \$2
Plans and specifications filed.

(4586) W TRINITY 68-9 N Sutter W 61-3 1/2xN 34-4 1/2. Plumbing for 10-story Class "A" annex to present building.
Owner.....French American Bank of Savings, Premises.
Architect...E. A. Bozio, 1125 Laguna, San Francisco.
Contractor..Frederick W. Snook & Co., 243 Minna, San Francisco.
Filed Dec. 23, '13. Dated Dec. 23, '13.
Payments semi-monthly on 1st and 15th of each month..... 75%
36 days after..... 25%
TOTAL COST, \$5000
Bond, \$2500. Surety, The Aetna Accident & Liability Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(4587) N UNION 113-6 W Leavenworth W 24xN 77-6. Carpenter, mill, hardware, roofing, concrete, rat proofing and patent chimneys for a two-room frame cottage.
Owner.....Minnie C Aguilar.
Architect...None.
Contractor..V. M. Trace, 1190 Haight, San Francisco.
Filed Dec. 24, '13. Dated Dec. 23, '13.
Flooring laid and outside studding up..... 34
Rustic and roof on..... 34
Completed..... 34
Usual 35 days..... 34
TOTAL COST, \$414
Bond, \$250. Sureties, S. Steinhilberg and D. Strauss. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(4588) N HOWARD 275 E Fourth E 40 xN 80. All work except plumbing for Class "C" building (one-story store building).
Owner.....Bert Schlessinger.
Architect...Alfred Henry Jacobs, 110 Sutter, San Francisco.
Contractor..William Linden, 110 Dolores, San Francisco.
Filed Dec. 24, '13. Dated Dec. 20, '13.
Brick walls completed.....\$2150
Completed and accepted..... 242

Usual 35 days..... 1544
TOTAL COST, \$6136
Bond, \$3070. Surety, Fidelity & Deposit Co. Limit, March 20, '14. Forfeit, none. Plans and specifications filed.

(4589) PLUMBING ON ABOVE.
Contractor...Kiernan & O'Brien, 1754 Mission, San Francisco.
Filed Dec. 24, '13. Dated ———
Completed.....\$367
Usual 35 days..... 123
TOTAL COST, \$490
Bond, limit, forfeit, none. Plans and specifications filed.

(4590) N TWENTY-NINTH 55 W Castro. One-story and basement frame dwelling.
Owner.....S. P. Jensen, 108 4th, S. F.
Architect...None.
Day's work. COST, \$1400

(4591) W HURON 250 S Sickness. Two-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$2400

(4592) NO. 1430 SEVENTEENTH AVE. Add porch and bath.
Owner.....M. Rosenthal, Premises.
Architect...W. Chester Gilligan, 1667 12th Ave., S. F.
Contractor..L. Arthur & Son, 1330 8th Ave., San Francisco.
COST, \$500

(4593) NE GEARY AND STOCKTON. Remove partition of store.
Owner.....Robson & Sattler, 1201 Nevada Bank Bldg., S. F.
Architect...Heiman & Schwartz, 1201 Nevada Bank Bldg., S. F.
Day's work. COST, \$450

(4594) NO. 50 Shotwell. Changes and alterations to present building.
Owner.....H. Oellerich, Premises.
Architect...None.
Day's work. COST, \$550

(4595) NO. 2925 JACKSON. Enlarge dwelling.
Owner.....G. Leone, Premises.
Architect...None.
Contractor..A. N. Nelson, 103 Broderick, San Francisco.
COST, \$10

(4596) SE MINICH 75 SW Excelsior. One-story and basement frame dwlg.
Owner.....Goe Pane, 209 Union, S. F.
Architect...None.
Day's work. COST, \$400

(4597) SE DAVIDSON AND LANE. Change and repair basement.
Owner.....Joseph Giani, 1351 Fairfax, San Francisco.
Architect...None.
Day's work. COST, \$1000

(4598) NO. 81 ELLIS. Electric sign.
Owner.....F. F. Werner Co., Premises.
Architect...None.
Contractor..Mose Klinkner, 1212 Market, San Francisco.
COST, \$460

(4599) S BRAZIL, 125 E Edinburg. Two-story frame store and flat.

Owner.....O. F. Hansen, 530 Brazil Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

(4600) N MAYNARD 50 W Congdon. One-story and basement frame dwlg.
Owner.....T. Webb, 222 Raymond Av San Francisco.
Architect...None.
Contractor..T. H. Parry, 222 Raymond Ave., San Francisco.
COST, \$1400

(4601) S LAKE 82-6 E 24th Ave E 50 xS 100. All work for two-story attic and basement frame dwelling.
Owner.....Geo. C. Sargent, 57 Post, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Contractor..Fred J. H. Rickon, 1859 Geary, San Francisco.
Filed Dec. 26, '13. Dated Dec. 22, '13.
1st floor joists in place.....\$1000
Ready for plaster..... 1600
Entirely plastered..... 1300
Sash glazed, plumbing fixtures delivered, etc..... 2000
Completed and accepted..... 2061
Usual 35 days..... 2654
TOTAL COST, \$10,615
Bond, \$5500. Sureties, A. Fry and Harry Maundrell. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

INCORPORATIONS.

H. J. Werner Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—A. Taylor, G. C. Ringolsky, R. E. Clark, 1 share each. Place of business, San Francisco.

The Auto Orchestra Co. Capital Stock, \$100,000; subscribed, \$300; shares, \$100 each. Directors—A. Taylor, G. C. Ringolsky and R. E. Clark, 1 share each. Place of business, San Francisco

Rengaw Co. Capital Stock, \$5000; subscribed, \$300; shares, \$100 each. Directors—W. H. Pylrew, D. K. Slebert and H. K. Wolff, 1 share each. Place of business, San Francisco.

California Beet Sugar and Refining Co. Capital Stock, \$2,500,000; subscribed, \$7000; shares, \$100 each. Directors—R. P. Rethel, G. W. McNear, G. W. McNear, Jr., G. E. Fairchild, C. M. Cooke, O. M. Vesper and L. Sloss, 1 share each. Place of business, San Francisco.

Reliable Electric Co. Capital Stock, \$5000; subscribed, \$220; shares, \$10 each. Directors—B. Zellenky, J. B. Sklare, 10 shares each; A. E. Cerrf, 2 shares. Place of business, San Francisco.

McFarland Estate. Capital Stock, \$10,000; subscribed, \$15; shares, \$1 each. Directors—H. B. Lester, D. J. Fitzsimmons and G. F. Corby, 5 shares each. Place of business, San Francisco
J. Russ Co. Capital Stock, \$10,000; subscribed, \$330 shares, \$10 each. Directors—J. Russ, I. Apple, S. Diner, 10 shares each; H. K. Wolff, 3 shares. Place of business, S. F.

East Grosh. Capital Stock, \$100,000; subscribed, \$5000; shares, \$100, each. Directors—C. M. Smith, W. Thomas, W. Fric, J. Sloss, M. H. Esberry, 10 shares each. Place of business, San Francisco.

ARCHITECTS' CERTIFICATE.

Dec. 26, 1913—Henry Higby Gutterson has filed his certificate of architecture.



NEW HOTEL CLARK
Stockton, Cal.

Glenn Allen, Architect
San Francisco

Building and Industrial News
December 31, 1913.

PLATE A



SACRAMENTO COUNTY COURT HOUSE.
Sacramento, Cal.

R. A. Herold, Architect
Sacramento

NOTICE OF NON-RESPONSIBILITY.

Dec. 22, 1913—E FILLMORE 55 N Lombard N 27-6xE 110. D E Wray as to improvements on leased property

ASSIGNMENT OF LIEN.

Dec. 22, 1913—S SUTTER 137-6 W Mason W 50xS 127-6 and alley way W Mason 127-6 S Sutter S 10xW 187-6. St. George Holden to Holden & Deuprey Co.....

NOTICE OF NON-RESPONSIBILITY.

Dec. 24, 1913—LOTS 24, 25 AND 26 Woodward Sub O V Land, Maude G Hannigan as to improvements on leased property.....

COMPLETION NOTICES.

San Francisco.

Dec. 1, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to City Street Imp Co, Jas B Clow & Sons, Nov. 29; John G Sutton Co, Nov. 26; Ickelheimer Bros Co, Nov. 24; John G Sutton Co.....Nov. 26, 1913
Dec. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Wm Schaffer.....Oct. 30, 1913
Dec. 1, 1913—E TWENTIETH AVE 275 N Clement N 25xE 120. Charles A and Anna E Newcomb to Charles R Hawcroft.....Nov. 24, 1913
Dec. 1, 1913—N GREENWICH 137-6 E Jones E 22-10x 137-6. Giovanni Battista Torre to Norlo Cavaglia.....Nov. 26, 1913
Dec. 1, 1913—N LOMBARD 82-6 E Jones E 27xN 100. E Boschetti to G Chiappe.....Nov. 29, 1913
Dec. 1, 1913—SW SECOND 100 NW Townsend NW 50xSW 160. Moore Inv Co to Butte Eng & Elec. Co.....Nov. 22, 1913
Dec. 1, 1913—SE VAN NESS AND Pacific Aves S 102-8½xE 100. M Krotoszyner to T W McClenahan & Co.....Nov. 28, 1913
Dec. 1, 1913—S TWENTY-SECOND 67 E Shotwell E 29-3xS 95. J P Mirassou to Gustave Anderson.....Nov. 19, 1913
Dec. 2, 1913—S POST 162-6 W Franklin W 75xS 137-6. George W Frank (as Frank Printing Co) to Barrett & Hill.....Nov. 28, 1913
Dec. 2, 1913—W NINETEENTH AVE 356 N Cabrillo 31-6x120. Jeanette Yates to whom it may concern.....Nov. 29, 1913
Dec. 2, 1913—E TWENTY-FIRST AVE 79 S Lake 25xS2-6. Jeanette Yates to whom it may concern.....Nov. 29, 1913
Dec. 2, 1913—S TWENTY-SECOND 90 E Valencia S 55xE 35. Howse Bros, Inc to J M Ploeger.....Dec. 2, 1913
Dec. 2, 1913—LOT 9 BLK 11 St. Francis Wood. Westgate Park Co to O C Holt.....Nov. 19, 1913
Dec. 2, 1913—SE RUSH & CHELSEA Place E 39-6xS 82-6. T J Crowley and H P Stollenberg to Geo Haub.....Nov. 20, 1913
Dec. 2, 1913—E THIRTEENTH AVE 100 N Kirkham N 25xE 120. Jno Bjorkman and Oscar Swanson to whom it may concern.....Dec. 1, 1913
Dec. 3, 1913—S SUTTER 164-6 E Tay-

lor E 60-9xS 137-6. Trowbridge & Perkins to H Maundrell, Nov. 26, '13
Larsen & Larsen.....Nov. 26, 1913
Dec. 3, 1913—NW SCOTT AND POST N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to Atlas Heating & Ventilating Co.....Nov. 26, 1913
Dec. 3, 1913—E POTRERO AVE 150 N 25th N 23xE 100. Theodore E Stelner to Jacob F Nielsen, Dec. 1, '13
Dec. 3, 1913—E HYDE 68-9 S Filbert S 25-10xE 68-9. Henry C Pausmann to Paul De Martini.....Dec. 2, 1913
Dec. 3, 1913—S CALIFORNIA 87-6 W Davis W 50xS 137-6. John A Grennan to J H Hjul.....Completed
Dec. 3, 1913—NE WASHINGTON & Octavia W 137-6 N 127-8½ W 127-6 S 127-8½. A B Spreckels to Vermont Marble Co.....Nov. 28, 1913
Dec. 3, 1913—E MASON 137-6 N O'Farrell N 32-6 E 17-6 S 50-10½ W 60 — 77-6. Wm F Wilson Estate to I Kissel.....Nov. 29, 1913
Dec. 3, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10½ W 60 — 77-6. Wm F Wilson Estate to Central Elec Co.....Dec. 3, 1913
Dec. 3, 1913—NW JACKSON AND Drumm N 50xW 60. Thos W Butcher to Harry Maundrell.....Dec. 2, 1913
Dec. 3, 1913—S SUTTER 164-6 E Taylor E 60-9xS 137-6. W F Perkins and H O Trowbridge to John G Sutton.....Nov. 29, 1913
Dec. 4, 1913—N NINETEENTH 185 W Church W 25xN 114. Mary T Renault to Bell & Rosslow.....Nov. —, 1913
Dec. 4, 1913—W BUCHANAN 112-6 S Waller 25x117. Mary J McLeod to J J Heaphy.....Dec. 1, 1913
Dec. 4, 1913—NW GEARY AND VAN Ness Ave N 275xW 157-6. Van Ness Realty Co to Pacific Floor Sanding Co.....Nov. 20, 1913
Dec. 4, 1913—E STOCKTON 50 S Sutter E 80xS 40-8½. Sierra Inv Co to Gus N Daniels.....Dec. 4, 1913
Dec. 4, 1913—N VALLEJO 81-3 W Octavia W 27xN 125. John V Leonard and Cella S Leonard to whom it may concern.....Dec. 4, 1913
Dec. 4, 1913—NE EIGHTEENTH AND Guerrero N 27xE 32. Eisenbach Co to A Dahlberg.....Dec. 3, 1913
Dec. 4, 1913—N HOWARD 375 E 5th N 80 W 100 N 80 E 125 S 160 W 25. Boyd Inv Co to Brandon & Lawton.....Dec. 3, 1913
Dec. 5, 1913—SW TWENTIETH AVE and Lake W 43-6xS 104. J W Leavitt to Thos Elam & Son.....Dec. 5, 1913
Dec. 6, 1913—N OTSEGO AVE 200 S Santa Isabel Ave S 25xW 125. A A Wesendunk to whom it may concern.....Dec. 5, 1913
Dec. 5, 1913—S ROSE AVE 110 E Gough E 27-6 S to NW Market SW to a pt caused by Intersection of a line at NW to Rose Ave at pt of beg with NW Market N to S. Rose Bruce Cornwall to Gus V Daniels, Nov. 28; Frank M Garden & Frank B Peake, co-partners.....Nov. 28, 1913
Dec. 5, 1913—E COMMONWEALTH AVE 200 S California S 33-4xE 120. William H Cobb to J C Warner & Sons.....Dec. 3, 1913
Dec. 6, 1913—W NINTH AVE 150 S Cabrillo S 50xW 120. Chas A Rush-ton to whom it may concern.....Dec. 4, 1913
Dec. 6, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10½ W 60 — 77-6. Wm F Wilson Est to C J Hillard Co.....Dec. 6, 1913
Dec. 6, 1913—N WASHINGTON 148-9 W Presidio Ave W 32xN 127-8½. Mrs Andrew A Jacobs to H W Arnold.....Dec. 6, 1913
Dec. 6, 1913—SE MINNA 66 SW Russ SW 25x75. Norman A Elsnor to John Hayes.....Dec. 5, 1913
Dec. 6, 1913—E MASON 137-6 N Dec. 8, 1913—W TWENTY-SIXTH AVE 100 N 26th Ave N 25 W 120 S 25 E 120. Jacob H Thorup to whom it may concern.....Dec. 6, 1913
Dec. 8, 1913—SW EIGHTEENTH AND Lexington Ave W 30xS 85. E Prat to Louis Metter.....Dec. 6, 1913
Dec. 8, 1913—NW CEDAR AVE AND Octavia N 22xW 77-6. Luigi Solari to R Fahy.....Dec. 6, 1913
Dec. 8, 1913—E JORDAN AVE 132-3½ S California S 33-4xE 120. Rearden T Lyons to L C Wooldridge.....Dec. 3, '13
Dec. 8, 1913—SE HOWARD 100 SW 8th SE parallel with 8th 160-11 NW 50 SW 34 NW 25 SW 55 NW 85 — 100. Richard I Whelan to Henry Jacks.....Dec. 6, 1913
Dec. 7, 1913—NW TEIAMA 111 SW 8th NW 50xSW 34. Richard I Whelan to Henry Jacks.....Dec. 6, 1913
Dec. 8, 1913—W STOCKTON 75 N Washington N 67-6xW 105. The A P Giannini Co to Frank Roland.....Dec. 6, 1913
Dec. 8, 1913—N ELLIS 137-6 E Leavenworth E 40 N 120 W 20 S 60 W 20 S 60. Frank J Kilmn to N P Anderson.....Dec. 5, 1913
Dec. 8, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10½ W 60 — 77-6. Wm F Wilson Estate to Klerman & O'Brien.....Dec. 5, 1913
Dec. 8, 1913—E PATTON 150 N Highland (Plymouth) Ave E 100 N 19 m or 1 W 108-3 S 26 ptn Lots 5-43 Blk 2, Holly Park. Mercy J & Chas E Hills to Jacob Witzelsberger.....Dec. 8, 1913
Dec. 8, 1913—FILLMORE NO. 537, bet Oak and Fell, Margaret Hannon Thorne to Ellingson & Holt.....Dec. 8, 1913
Dec. 8, 1913—LOT 14 BLK 4, Crocker Amazon Tract. Arthur G Duncan to L L Allen.....Dec. 8, 1913
Dec. 8, 1913—SW OAK AND DEVIDA-dero S 50xW 90. Richey Riddell to W H Barge.....Dec. 8, 1913
Dec. 9, 1913—N GEARY 112-6 W Jones W 25xN 137-6. Florentina and Wm Wankowski to Mutual Constr Co.....Dec. 1, 1913
Dec. 9, 1913—W TWENTY-SIXTH AVE 100 N California N 25xW 120. Jacob H Thorup to whom it may concern.....Dec. 6, 1913
Dec. 9, 1913—S IRVING 95 E 9th Ave E 25xS 100. Henri Leste to Jacques Narbeury.....Dec. 8, 1913
Dec. 9, 1913—SE BATTERY AND Halleck S 34-6xE 77-6. Isaack Kohn to J J Connolly & Son.....Dec. 8, 1913
Dec. 9, 1913—NE GOLDEN GATE Ave and Hyde N 92-9 E 82-6 S 24 W 48 S 69-9 W 34-6. James H Garrett to F L Hansen, Dec. 4, 1913
Dec. 9, 1913—E POWELL 37-6 N Jackson N 40xE 57-6. J A Mac-kenzie to H J Perazzi.....Dec. 6, 1913
Dec. 10, 1913—S UNION 55 E Taylor E 27-6xS 100. Matteo Brocato & Bros to Frank C Amoroso.....Dec. 9, 1913
Dec. 10, 1913—SE BATTERY AND Halleck S 84-6xE 77-6. Isaack

- Association to H. L. Petersen (as The S F Artificial Stone Paving Co.) Dec. 9, '13
Dec. 10, 1913—SW EAST & OREGON (if extended) W 74 m or 1 N 30 m or 1 E 53-4 n. or 1 SE 37 m or 1 ptn Blk "E" of 50 vara. Waterfront Realty Co to Z Narberbury.....
Dec. 10, 1913—LOT 12 BLK "A" Mission Terrace. Raymond H Banning and Ernest Leo Garcia and James E Stewart to whom it may concern.....Dec. 5, 1913
Dec. 10, 1913—E NINTH AVE 25 S Ortega S 75xE 95. Guerrero Realty Co to Emil Nelson.....Dec. 10, 1913
Dec. 10, 1913—E CASTRO 35 S 19th S 25xE 83. Benedict & Theresia Steinauer to John Carlson & Edwin Anderson.....Dec. 9, 1913
Dec. 11, 1913—E FIFTH AVE 300 N Geary N 25xE 120. Manuel C and Clara E Garcia to W. E. Grant.....
Dec. 11, 1913—PINE NO. 1617. M A Moldenhauer to Chas Wright.....
Dec. 11, 1913—W SCOTT 97-8 1/4 S Sacramento S 30xW 112-6. Henry A Jacobs to Peterson-James Co. Dec 10; J W Cobby.....Dec. 11, 1913
Dec. 12, 1913—W UTAH 91-6 N 15th N 46xW 100. Tamm & Nolan Co to Stanquist & Forbes.....Dec. 9, 1913
Dec. 12, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Healy Tibbitts Constr Co, Oct 6; The Turner Co Dec 11, 1913
Dec. 12, 1913—S ROSE AVE 110 E Gough E 27-6 S to NW Market SW to a pt caused by intersection of a line drawn at r to Rose Ave at a pt of beg with NW Market N to S Rose Ave and pt of beg. Bruce Cornwall to H A Chalmers, Dec 11; Otis Elevator Co.....Dec. 10, 1913
Dec. 12, 1913—COM 165 W TAYLOR and 60 S Pacific S 77-6 W 110 N 30 W 5-6 N 47-6 E 115-6. Theodore Gilson to whom it may concern.....
Dec. 12, 1913—LOT 10 BLK "X" of Park Lane Tract No. 3. David and Lucy Caen to Jacob F Nielsen.....
Dec. 12, 1913—W KEARNY 97-6 N Union N 37-6xW 60. Paolo and Giuseppe Tufo to F C Amoroso.....
Dec. 12, 1913—SE MARKET 43 SW Noe SW 62-2 1/4 S 88-4 E 80 N 42-9 1/4 W 32-8 N 86-0 1/2. Wm and Elias Nasser to Higginson Co.....
Dec. 15, 1913—S TURK 27-6 E Polk 30x85. Theodore Bielenberg to J G Kincanon.....Dec. 15, 1913
Dec. 15, 1913—W FOURTH 75 S Minna S 34-4 1/2x137-6. Boyd Invest Co to A W Bryant.....Dec. 1, 1913
Dec. 13, 1913—W KEARNY 35 N California N 30xW 50-5. Lachman Bros. (Gustave and Edward) to C E McMullin & Co.....Dec. 3, 1913
Dec. 13, 1913—S CLAY 84-9 E Stockton E 52-0 1/2xS 75-6. Jos B, Adrien, Eulalie and Marie Bauchou to B C Van Emon, Dec 11; John G Sutton Co, Dec 11; Wm Little.....Dec. 11, 1913
Dec. 13, 1913—N IRVING 120 W 7th Ave W 25xN 100. Jens P Nilsson to Isaac Penny.....Dec. 11, 1913
Dec. 13, 1913—NW NOREIGA AND Great Highway E 192-8 N 100 W 100 S 50 W 95-2 1/4 S 50-0 1/2. G P Spotoerno to Howard S Williams.....
Dec. 13, 1913—W EIGHTH AVE 175 S Cabrillo S 25xN 120. J J Brusher to John V Stefel.....Dec. 10, 1913
Dec. 13, 1913—S FILBERT 179-5 1/2 E Gough E 27xS 137-6. V and G Rege to Montani & Stefan.....Dec. 12, 1913
Dec. 13, 1913—N BUSH 236-11 W Mason W 32-8xN 137-6. Julia Cronan to E C Curtis and Otis Elevator Co.....Dec. 12, 1913
Dec. 13, 1913—COM AT INTR OF line drawn parallel with E Belvedere being drawn N from a point on Carmel at pt 150 E Belvedere with a line drawn parallel with N Carmel being drawn E from a pt on Belvedere 75-10 N Carmel N 25-0 1/2 parallel with Belvedere, E parallel with Carmel 122-1 1/2 m or 1 to W Clayton (Ashbury) S 25-9 W 126-4 m or 1. Joseph L and Elizabeth Taaffe to Gillogley & Sons.....
Dec. 16, 1913—S MANGLES AVE 175 W Baden W 75xS 100 Lot 34 Blk 40, Sunnyside. Rasmus Carlson to whom it may concern.....Dec. 12, 1913
Dec. 16, 1913—N SILVER AVE bet Mission and Craut Lot 11 Blk 4, College Hld, Ass'n. E Calegari to New Era Bldg Co, Inc.....Dec. 13, 1913
Dec. 16, 1913—S ELIZABETH 47-6 W Castro W 32-6xS 70. Tina Hinkel to whom it may concern.....Dec. 15, 1913
Dec. 16, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60—77-6. Wm F Wilson Est Co to W P Fuller Co.....Dec. 15, 1913
Dec. 16, 1913—S PINE 112-6 E Leavenworth E 25xS 137-6. William H and David F Kelly to Higginson & Co.....Dec. 10, 1913
Dec. 16, 1913—N HOWARD 375 E 5th N 80 W 100 N 80 E 125 S 160 W 25. Boyd Invest Co to A W Bryant.....
Dec. 17, 1913—NO. 760 MARKET AND 35 O'Farrell, Gore Cor. Market, O'Farrell and Grant Ave. Jas D Phelan to Wm H Tessier.....Dec. 16, '13
Dec. 17, 1913—W DEVISADERO 52-6 S Filbert W 112-6xS 30. Rose Thompson Ogle to Jas P Fletcher.....Nov. 29, 1913
Dec. 17, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to D J and T Sullivan.....Dec. 13, 1913
Dec. 17, 1913—E HYDE 97-6 N Filbert N 40xE 59-1 1/2. Herbert E Rose to Fidelity Constr Co.....
Dec. 17, 1913—W MASON 77-6 S Broadway S 40xW 137-6. Sarah Plead to W G Hind and A E Hind (as Fidelity Constr Co).....Dec. 16, 1913
Dec. 17, 1913—S POST 66-10 1/2 E Polk E 19-7 1/2xS 120. City Electric Co to L D Bluxome (as Bluxome & Co.).....Dec. 13, 1913
Dec. 17, 1913—LOTS 13, 15, 17 BLK 18 of the C S Allied Sub of Blks 17 and 18 West End Map 1. C S Allied to whom it may concern.....Dec. 13, 1913
Dec. 17, 1913—E TWELFTH AVE 25 S Anza S 25xE 100. Alfred T Morris to whom it may concern.....Dec. 15, 1913
Dec. 17, 1913—N TWENTY-FIFTH 142-6 E Church E 25x114. J S Purcell to whom it may concern.....
Dec. 17, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mt. Zion Hospital to John C Iles & Co.....Dec. 15, 1913
Dec. 17, 1913—SE PINE & POWELL E 68-6xS 60. California Plate & Window Glass Co vs John H Bohlgl and George H Stoffels.....1203.96
Dec. 17, 1913—N NINETEENTH 175 E Sanchez E 25xN 114 (re-recorded) A Davis vs Jos Herb, Linda E Herb and S Malmberg.....1271
Dec. 17, 1913—S MINERVA 276 E Plymouth Ave S 125xE 50; ptn Lot 2 Blk "Q" R R Hd. The Greater City Lumber Co vs Henry C Taylor and David Galloway.....1577.20
Dec. 17, 1913—N SACRAMENTO 100 W Larkin W 57-6xN 127-6. Russell Hinton vs N G Franz, A and Ben D Harris.....164
Dec. 18, 1913—SW DEVISADERO & Oak W 90xS 50. Sam Zion vs W H Bagge and Richey Riddell.....1165
Dec. 18, 1913—SW VAN NESS AVE & California W 134xS 60. C Jorgensen & Co vs Northern Constr Co and Albert Abramson.....180
Dec. 19, 1913—SW NINTH 75 SE Harliss. SW 100xE 75. T W Simmie & Co, \$75; L A Norris, \$2700; Kilgerman & Brehm, \$111; Olson-Mahony Lumber Co, \$1089.20; Wilson Elec Co, \$96.36; I Zimmerman, \$250; Schwartz & Gottlieb, \$630; A Knowles and R Rodgers, \$200; Granel Hardware Co, \$49.40; Western Asbestos Magnesia Co, \$250; Enterprise Foundry Co, \$76; Bay Development Co, \$350 vs Richard I Whelan, M Clark and H Ludwig (as Clark & Ludwig).....
Dec. 20, 1913—W TWENTY-FIRST AVE 40 N Geary N 25xW 70. Bridget and Mike Norton to Leigh & Schultz.....Dec. 16, 1913
Dec. 20, 1913—W STANFORD 106-2 S Brannan. Crane Co to W A Goerlicke.....Dec. 18, 15
Dec. 19, 1913—E TWENTY-SIXTH AVE 75 N Irving 25x95. Ralph J Button to whom it may concern.....Dec. 20, 1913
Dec. 20, 1913—E TWENTY-SIXTH AVE 50 N Irving 25x95. Ralph J Button to whom it may concern.....Dec. 20, 1913
Dec. 20, 1913—E DIAMOND 61-6 S Duncan S 25xE 105. James D and Annie T Reld to whom it may concern.....Dec. 18, 1913
Dec. 20, 1913—SW KEARNY AND Sutter. Eyre Invest Co to Frank M Garden & Co.....Dec. 19, 1913
Dec. 20, 1913—W POTRERO AVE 195 S 21st 25x100. James Simpson to J H Vermer.....Dec. 18, 1913
Dec. 22, 1913—SW CLAY & DAVIS S 47xW 55. Mrs C J Deming to Wilson & Christensen.....Dec. 18, 1913
Dec. 22, 1913—S SUTTER 165-6 W Webster W 25xS 137-6. Mrs Mattie Feeley to J Eric Jonanson.....Dec. 2, 1913
Dec. 22, 1913—N NINETEENTH 105 E Guerrero E 155xN 260. Dairy Delivery Co to Matthews Gravity Carrier Co.....Dec. 20, 1913
Dec. 22, 1913—SE SHRADER AND Rivoli Ave. Mr and Mrs Patrick and Nora Keane to J C Dowlin.....Dec. 20, 1913
Dec. 23, 1913—NW POST & TAYLOR W 60xN 30. B Hersch and B Heakins to Camp & Carrillon, Munster & Bornholdt, Frank J Kilmann, Wm H Kirsten, John G Sutton Co and C R Stern.....Dec. 17, 1913
Dec. 23, 1913—E THIRTEENTH AVE 100 N Clement E 120xN 25. Chas Hansel to whom it may concern.....Dec. 22, 1913
Dec. 23, 1913—LOT 18 BLK "H" Mission Street Land Co. Homestead

Realty Co to William H Grahm....
Dec. 22, 1913—E NINETEENTH AVE
55 N Lake E 57-6xN 45. H A Buck
to Bowers & Fann.....Dec. 20, 1913
Dec. 23, 1913—S SUTTER 164-6 E
Taylor E 60-9xS 137-6. W F
Perkins and H O Trowbridge to
H L Petersen.....Dec. 15, 1913
Dec. 23, 1913—SW ELEVENTH 200
SE Polson SE 76 SW 65 NW 76 NE
75. Alice D McAllister to Segursion
Bros.....Dec. 18, 1913
Dec. 23, 1913—NE PACIFIC AVE &
Broderick 137-6 on Pacific Ave and
265-2 1/2 deep extg to S Broadway.
E S Pillsbury to Campbell Bros.....
Dec. 13, 1913
Dec. 24, 1913—SW SACRAMENTO &
Devisadero W 110xS 26-7 Jung-
blut Estate Co to Adolph Henning,
Dec 10; Shepard Bros.....Dec. 10, 1913
Dec. 24, 1913—N CAPISTRANO AVE
441.53 E San Jose Ave 25x136 (ir-
regular). Joseph and (wife) T
Michel to Banning & Stewart.....
Dec. 23, 1913
Dec. 24, 1913—SE TWENTY-Fourth
Ave and Clement S 100x6 30. Mrs
Anna R Wissmann to whom it may
concern.....Dec. 19, 1913
Dec. 24, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 50-10 1/2
W 60 — 77-6. Wm F Wilson Estate
to H L Petersen.....Dec. 15, 1913
Dec. 24, 1913—W TRENTON 112-6 N
Jackson N 25x57. Maurice Salom-
on and Arthur Gosliner to Vito
Vadala.....Dec. 24, 1913
Dec. 24, 1913—N WASHINGTON
-361-3 1/2 E Kearny N 112 NE 14 SE
156-3 1/2 W 110-4 1/2. Elsie A Drexler
to Macdonald & Kahn.....Dec. 24, 1913
Dec. 24, 1913—S HAIGHT 199-9 W
Steiner W 31-6x137-6. Wm Rayhill
to Frank Lobb.....Nov. 10, 1913
Dec. 26, 1913—NW NATOMA 76-2 SW
Mary — 28-2 NE 80 SE 28-2 SW 80.
Foster & Orear Co to McGowan &
Butler.....Dec. 16, 1913
Dec. 26, 1913—SE CALIFORNIA AND
Leidesdorff fronting N on Califor-
nia and at rear end 107-6 extg on
E and W sides 137-6. The Insurance
Exchange to Parcels Safe Co.....
Dec. 26, 1913
Dec. 26, 1913—W DIAMOND 110 S
21st 25x115-9. Emil Nelson to
whom it may concern.....Dec. 26, 1913
Dec. 26, 1913—LOT 67 Corona Heights
Nestor Mattson to whom it may
concern.....Dec. 15, 1913

LIENS FILED

San Francisco.

Dec. 1, 1913—E FORTY-SEVENTH
Ave 260 S Balboa S 100x120. J H
Krusse vs E B Hallett.....\$37.10
Dec. 2, 1913—S DUNCAN 180 W Cas-
tro W 25xS 114. Spring Valley
Lumber Yard vs Theodore and Dora
Werner.....\$115.26
Dec. 2, 1913—NO. 131 ROTTECK N in
289 E Bosworth. The Greater City
Lumber Co vs August Hormay.\$645.05
Dec. 2, 1913—W JONES 43 N O'Far-
rell N 27-6 W 80 S 5-6 E 5 S 22 E
75. Frederick Rogers. \$56.25;
Geo H Standish. \$60.50; N Rhine,
\$32.75 vs S A Haas.....
Dec. 3, 1913—E TWENTY-NINTH
Ave 225 N Anza N 25x120. H O
Bowen vs J B Levy and Miss F
Levy and James Tarblitt and Fred
Knott.....\$120

Dec. 3, 1913—N TWENTY-EIGHTH
292 W Noe W 25xS 114. William
Myers vs Charles Anderson.....\$110
Dec. 3, 1913—E HOLLIS 75 S O'Farrell
S 25x120. David Gibbs vs J A
Bergerot and Peter Hansen.....\$248.55
Dec. 4, 1913—W JONES 43 N O'Farrell
N 50xW 137-6. Durable Paint
& Color Co, Inc vs S A Haas and
R W Rogers.....\$130.90
Dec. 4, 1913—SE PINE AND POWELL
B C Van Emon vs J Bohlig or J H
Bohlig.....\$375
Dec. 5, 1913—W JONES 43 N O'Farrell
N 27-6 W 80 S 5-6 E 5 S 22 E
75. Pacific Hardware & Steel Co
vs S A Haas, J Steur, W L Bury
and L Heipner.....\$34.45
Dec. 5, 1913—NE BUSH AND GRANT
Ave E 60xN 77-6. Pacific Hard-
ware & Steel Co vs Louis Friedman
Wm Van Herick and L Heipner.....
\$136.60
Dec. 5, 1913—NW BALBOA AND LA
Playa W 229-1 1/4 N along curve
line of Great Highway 630 to S
Anza E 250 S 210 E 168-4 1/4 S 331-5.
A Savage.....\$95
Dec. 5, 1913—E SAN BRUNO AVE
200 N 22nd N 25x120. Niels
Jacobsen vs John Harang and W
P Montague Co vs Hotaling Estate
Co and Commercial Bldg Co.....\$75
Dec. 4, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. The Daniel O'Day
Co vs Louis Friedman and Leopold
and C Mollath.....\$86.10
Dec. 6, 1913—W FILLMORE 40 S
Chestnut S 50xW 80. Pacific Port-
land Cement Co Consolidated vs
Johanna Hession and California
Sheet Monolithic Co.....\$194.94
Dec. 8, 1913—NW VAN NESS AVE &
Post N 120xW 159-9. Lindgren Co
vs Hecht Invest Co.....\$4047.26
Dec. 8, 1913—W JONES 43 N O'Farrell
N 27-6 W 80 S 5-6 E 5 S 22 E 75.
J H Kruse vs S A Haas, J Steur
and W L Bury, \$291.42; J S Guerlin
vs Same and R De Luca, Same.....\$12
Dec. 8, 1913—E TWENTY-NINTH
Ave 225 N Anza N 25x120. Eureka
Sash, Door & Moulding Mills vs J
B Levy, Fannie Levy and James
Tarbett and Fred Knott (Tarbett &
Knott).....\$345.08
Dec. 8, 1913—NE BUSH AND GRANT
Ave E 60xN 77-6. Frank Inglieri
vs Louis Friedman and Leopold
Mollath and C Mollath.....\$165
Dec. 9, 1913—SE POWELL & PINE
E 69-6xS 60. L A Hufschmidt Mfg
Co vs John H Bohlig and Geo H
Stoffels.....\$202.50
Dec. 10, 1913—W LELAND AVE 400
W San Bruno Road W 25xN 100.
Redwood Mfgs Co vs Eli Radmon-
ovich.....\$141.21
Dec. 10, 1913—E TWENTY-NINTH
Ave 225 N Anza N 25x120. F G
Norman & Sons vs J B and Fannie
Levy, Jas Tarbett & Fred Knott.....\$50.53
Dec. 11, 1913—SE PINE & POWELL
E 63-6xS 60. Ideal Cornice Co vs
John H Bohlig and G H Stoffels. \$24
Dec. 12, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. American
Radiators Co vs T J Crowley, H P
Stoltenberg and Geo Haub.....\$342.45
Dec. 12, 1913—SW CALIFORNIA AND
Van Ness Ave S 60xW 134. C J
Hillard Co vs Albert Abrams and
The Northern Constr Co.....\$730.37
Dec. 12, 1913—E POWELL 37-6 N
Jackson N 40xE 57-6. California
Plate and Window Glass Co vs J A
MacKenzie and Latin Constr Co.....\$209

Dec. 13, 1913—SW CALIFORNIA AND
Van Ness Ave S 60 — 134 — 60 —
134. Joost Bros vs Albert Abrams
and Northern Constr Co.....\$377.53
Dec. 15, 1913—N NINETEENTH 175
E Sanchez E 75xN 114. Hart-Wood
Lumber Co vs Joseph and Linda E
Herb and S Malmberg.....\$334.31
Dec. 15, 1913—W PENNSYLVANIA
100 N 18th N 50xW 100. George
Ryan vs James McHugh and Jane
Doe McHugh and F Taylor.....\$150.01
Dec. 15, 1913—LOT 12 BLK "A" Mis-
sion Terrace. Incandescent Supply
Co vs Raymond H Banning. Ernest
L Garcia, Jas E Stewart and Ban-
ning & Stewart.....\$55.30
Dec. 15, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. Archille Brun-
cardi and Americo Tovani (as A
Bruncardi & Colvs Wm VanHerick
and Louis Friedman).....\$119
Dec. 16, 1913—W SEVENTH AVE 175
N Irving N 100xW 120. F Schmitz
vs E B Hallett.....\$37.50
Dec. 16, 1913—SW CALIFORNIA &
Van Ness Ave S 60xW 134. J H
Krusse vs Albert Abrams & North-
ern Constr Co.....\$68.45
Dec. 16, 1913—NE BUSH & GRANT
Ave E 60xN 77-6. Fibrestone &
Roofing Co vs Louis Friedman and
Wm Van Herick.....\$153
Dec. 16, 1913—SW BROADWAY AND
Powell S 93-6xW 100. J A Marini
vs C A Jeffers and T Loncono (as
Jeffers & Loncono) and Jacob Sur-
face.....\$257
Dec. 16, 1913—N NINETEENTH 175
E Sanchez E 25xN 114. Re-record
62 liens 124. Eureka Sash, Door &
Moulding Mills vs Joseph Herb,
Linda E Herb & S Malmberg.....\$553.42
Dec. 17 1913—W TWENTY-SEVENTH
Ave 125 S Lake S 25 W 120 N 25 E
125. Charles and Margaret
Breuchle to Wilson & Christen-
sen.....Dec. 1, 1913
Dec. 17, 1913—S MARKET, bet 5th
and 6th; No. 929 Market. Joe
Schoong Co to Elec Equip Co.....
Dec. 15, 1913
Dec. 18, 1913—SW GOLDEN GATE
Ave (Tyler) and Taylor W 152-6 S
54-1 1/2 m or 1 SE on a course at r a
with Market 46-5 1/2 m or 1 to NW
Market at a pt 154-5 1/2 SW Taylor
NE 154-5 1/2 N 1-6 1/2 m or 1. San
Christina Invest Co, 1/4; Claus A
Spreckels and Rudolph Spreckels,
Trs, 1-6; Claus A Spreckels, 1-6;
Rudolph Spreckels, 1-6 to Mangrum
& Otter.....Dec. 17, 1913
Dec. 19, 1913—N EDDY 105-3 E Web-
ster E 25xN 120. Union Trust Co,
Grdn Estate William B. Mary F
and Sarah K. Ketter, J Craig
Ketter and Mildred Page Ketter to
Olaf and Charles Monson (as Mon-
son Bros).....Dec. 18, 1913
Dec. 19, 1913—S STEVENSON 467-6
W 7th W 28-9xS 75. Rincon Pub-
lishing Co to Ward & Goodwin.....
Dec. 15, 1913
Dec. 19, 1913—N GEARY 135 E Van
Ness Ave E 26xN 120. Jas P
Sweeney to M M Finlayson.....
Dec. 13, 1913
Dec. 19, 1913—N HANOVER 178 E
Lowell 30 on Hanover by 213, Eben
A Flsher to whom it may concern
.....Dec. 16, 1913
Dec. 19, 1913—E SIXTEENTH AVE
50 S Anza S 25x120. Emil Nelson
to whom it may concern.....Dec. 10, '13
Dec. 19, 1913—S ROSE AVE 159-6 W
Octavia W 40xS 40. G G Burnett

Est Co to H C Warwick. .Dec. 19, '13
Dec. 13, 1913—N BUSH 236-11 W Mason
W 32-S&N 137-6. Julia Cronan
to Burch & Hoffman, E C Curtis
Otis Elevator Co and Acme Iron
.....Dec. 12, 1913
Dec. 19, 1913—W NINTH 75 S Harrison
W 100X8 75. Santa Cruz Portland
Cement Co vs Richard I
Whelan and Clark & Ludwig. \$740.10
Dec. 19, 1913—SW CALIFORNIA &
Van Ness Ave S 60xW 134 WA 57.
W P Fuller & Co vs Albert Abrams
and Northern Constr Co.....\$1790
Dec. 19, 1913—SW CALIFORNIA &
Van Ness Ave S 60xW 134. Vincent
J Donovan vs Albert Abrams. \$551.50
Dec. 19, 1913—SW CALIFORNIA &
Van Ness Ave S 60xW 134. J A
Orford vs Dr A Abrams and Northern
Constr Co.....\$991.75
Dec. 19, 1913—NE BUSH & GRANT
Ave E 60XN 77-6. Golden Gate
Structural & Ornamental Iron Wks
vs Louis Friedman and Wm Van
Herick\$590
Dec. 20, 1913—SE POWELL & PINE
E 68-6X8 60. Hooper Lumber Co
vs John H Bohlig and George H
Stoffels\$246.53
Dec. 22, 1913—N POST 107-11 W
Kearny W 50XN 137-6. John T
Hayes vs Rochat Cordes Co and
Robt Cryan and Mary T E Cryan
.....\$100.75
Dec. 23, 1913—NE BUSH & GRANT
Ave E 60XN 77-6. Pacific Mfg Co
vs Louis Friedman and Wm Van
Herick\$1032.04
Dec. 23, 1913—NW NOREIGA AND
Great Highway E 192-S N 100 W
100 S 50 W 95-2 1/2 S 50-0 1/2. Archille
Brunicaudi & Americo Tovani (as
A Brunicaudi & Co) vs Charruas
and G T Spotorno.....\$52.50
Dec. 23, 1913—NE BUSH & GRANT
Ave E 60XN 77-6. Thomas McKee
and James McKee vs Louis Fried-
man and Wm Van Herick.....\$140
Dec. 23, 1913—NE BUSH & GRANT
Ave E 60XN 77-6. M W Farrell vs
Louis Friedman\$203.54
Dec. 23, 1913—S GREEN 143-4 W
Larkin W 32-5X8 121-6. Niels
Jacobson vs Annie Bowditch and
John Doe Christiansen and John
Doe Smith as Christiansen & Smith
.....\$182
Dec. 24, 1913—NE BUSH & GRANT
Ave N 77-6X E 60. J P Lorden Mill
Co vs Louis Friedman and Wm
Van Herick\$39.24
Dec. 24, 1913—E TWENTYETH AVE
275 N Clement N 25x E 120. Jas.
M Bowers and Morris Stulsaft (as
P F Howard Co of S F) vs C A
Newcombe, Anna Newcombe, C R
Hawcroft and Geo Wara.....\$91.34
Dec. 24, 1913—SE TWENTY-SIXTH
and Noe E 30xN 114. James M
Bowes and Morris Stulsaft (as P F
Howard Co) vs W A and Lottie
Hoffman and George Wara.....\$108.18
Dec. 26, 1913—S GREEN 143-4 W
Larkin W 32-5X8 121-6. Peerless
Agencies vs Annie Bowditch and
Christiansen & Smith.....\$247.30
Dec. 26, 1913—S GREEN 143-4 W
Larkin W 32-6 S 121-6 E 32-5 1/2 N
121-6 m or l. H J Hughes vs Annie
Bowditch and Christiansen & Smith
.....\$73.50
Dec. 26, 1913—S GREEN 143-7 W
Larkin W 32-5 1/2 x S 121-10 1/2.
Schwarz & Gottlieb vs Annie Bow-
ditch & Christiansen & Smith. \$220.50
Dec. 26, 1913—S GREEN 143-4 W

Larkin W 32-5 1/2 x S 121-6. New Era
Marble & Concrete Co, \$679.90;
Reinhart Lumber & Planing Mill
Co, \$898.57 vs Annie Bowditch
and Christiansen & Smith.....
Dec. 26, 1913—NE BUSH & GRANT
Ave E 60XN 77-6. Columbia Lum-
ber Co vs William Van Herick and
Louis Freidman\$2148.42
Dec. 26, 1913—S GREEN 143-4 W
Larkin W 32-5X8 121-6. Macdonald
Lumber Co vs Annie Bowditch and
Christiansen & Smith.....\$1004.40
Dec. 26, 1913—S GREEN 143-4 W
Larkin W 32-5X8 121-6. Chas
Rutherford vs Annie Bowditch and
Christiansen & Smith.....\$40

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base,
frame, \$5,000. Oakland, Cal. Archi-
tect, none. Owners, Oakland Building
Co, Security Bank Bldg., Oakland. The
dwelling will be erected on the west
side of Perkins street north of Van
Buren and has been designed to con-
tain seven rooms and bath. Interior
finish will be largely of pine. Oak
floors will be used in the principal
rooms. There will be furnace heat and
open fire places. Mantels will be of
tile and brick. The wainscot will be
used in the bath rooms and kitchen.
Exterior of the house will be covered
with cement plaster on metal lath. An
automatic water heater will be in-
stalled. Plans are complete and in
the hands of the owners who will do
the work by Day Labor. All materi-
als are now being purchased.

BUNGALOW — 1 1/2 story and base,
frame, \$4,000. Pleasanton, Alameda
Co., Cal. Architect, Smith O'Brien,
Humboldt Bank Bldg., S. F. Owner's
name withheld. The house has been
designed for a country home and will
contain in the neighborhood of seven
rooms, bath and sleeping porch. In-
terior will be finished entirely in pine
and redwood. Oak floors will be used
in the living room, dining room and
reception hall. Plans provide for fur-
nace heat and two open fire places.
Mantels will be of brick. Tile wains-
cot will be used in the bath room and
kitchen. An automatic water heater
will be installed. Exterior of the
house will be covered with rustic and
shingles. Plans are complete and fig-
ures will be taken at once.

RESIDENCE — 2 story and base,
frame, \$5,000. Berkeley, Alameda Co.,
Cal. Architect, Chester H. Miller, Dalziel
Bldg., Oakland. Owner, Frank
Spring. The house will be erected in
the Thousand Oaks Tract and will con-
tain seven rooms, bath and sleeping
porch. Interior finish will be of pine,
redwood and hardwood veneer. Oak
floors will be used in the principal
rooms. There will be furnace heat
and open fire places. Mantels will be
of tile and brick. Bath room will have
composition floor and tile wainscot.
An automatic water heater will be in-
stalled. Tile wainscot will also be in-
stalled in the kitchen. Exterior of the dwell-
ing will be covered with cement plas-
ter on metal lath. Plans are now be-
ing prepared.

RESIDENCE — 2 story and base,
frame, \$4,000. Berkeley, Alameda Co.,
Cal. Architect, none. Owners, B. F.
Butler and George Alworthy, 333 49th
street, Oakland. This house has been

designed for an eight room dwelling
with bath and sleeping porch and will
be erected at the northwest corner of
San Pablo avenue and Laurel street.
Interior finish will be of pine and red-
wood. Oak floors will be used in the
principal rooms. There will be furnace
heat and open fire places. Mantels will
be of brick. An automatic water
heater will be installed. Tile wainscot
will be used in the bath room and
kitchen. Exterior of the house will be
covered with rustic and cement plaster
on metal lath. Plans are complete
and in the hands of the owners who
will do the work by Day Labor. All
materials are now being purchased.

RESIDENCE — 2 story and base,
frame, \$3,500. Berkeley, Alameda Co.,
Cal. Architect, Claude B. Barton, Se-
curity Bank Bldg., Oakland. Owners,
Newman and Wilkinson. The house
will be erected in the Claremont Tract
and has been designed for a seven room
dwelling with bath and sleeping
porch. All interior finish will be of
pine or redwood. Hardwood floors will
be used in the living room, dining
room and reception hall. There will
be furnace heat and open fire place.
Mantel will be of brick. An automatic
water heater will be installed. Bath
and kitchen will have tile wainscot.
Exterior of the house will be covered
with cement plaster on metal lath.
Plans are complete and figures are be-
ing taken.

RESIDENCE — 2 story and base,
frame, \$4,500. Oakland, Cal. Owner,
H. N. Turrell, 841 Walker avenue, Oak-
land. The dwelling will be erected on
the west side of Walker avenue north
of Cottage and has been designed for
a seven room house with bath and
sleeping porch. Interior finish will be
largely of pine with some elm panels
in the living and dining rooms. Oak
floors will be used throughout. Plans
provide for furnace heat and open fire
places. An automatic water heater
will be installed. Mantels will be of
brick. Tile wainscot will be used in
the bath room and kitchen. Exterior
of the dwelling will be covered with
cement plaster on metal lath. Plans
are complete and in the hands of the
owner who will do the work by Day
Labor. Materials are now being pur-
chased.

APARTMENT HOUSE—3 story and
base, frame, \$12,000. Oakland, Cal.
Architect, Chester H. Miller, Dalziel
Bldg., Oakland. Owners, Middley Co.
The building will be erected in Adams
Point and has been designed to con-
tain a number of two and three room
suites all with private baths and wall
beds. Interior finish will be of pine
with elm panels and oak floors in the
living rooms. Plans provide for steam
heat and a hot water supply. Vacuum
cleaning will also be installed. En-
trance will be finished in marble. Ex-
terior of the building will be faced
with cement plaster on metal lath. A
garbage incinerator will also be in-
stalled. Plans are now being prepared.

Contracts Awarded.

FIRE HOUSE—2-story and base, re-
inforced concrete, \$23,375. Berkeley,
Alameda Co., Cal. Architect, William
H. Ratcliff Jr., First National Bank
Bldg., Berkeley. Owners, City of
Berkeley. Contractors, Clinton Fire-
proofing Co., S. F. Contract price,
\$23,375. Note—A complete list of the

figures opened for this work appear under the heading of Oakland and Alameda County in this issue.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
3622	Crum	Spark	200
3623	Markellos	Dravillas	700
3624	Marshall	Douglas	400
3625	Turrell	Turrell	4500
3626	Silva	Griffin	2925
3631	Broadhead	Broadhead	2500
3632	Burger	Burger	2500
3633	Daniels	Chambers	2500
3634	Bend	Feely	400
3635	Butler	Butler	2500
3636	Anderson	Anderson	2500
3637	Wilson	Strader	600
3638	Cook	Snyder	400
3639	Lougherty	Lamont	7500
3644	Same	Standard Elec	350
3641	Same	Looney	700
3642	Johnson	Cederborg	2538
3643	Sheridan	Sheridan	2000
3644	Graves	Graves	2000
3646	Coit	Sommarmstrom	19500
3647	Farrar	Okl Bldg	3750
3649	Montana	Corbett	400
3652	Jordan	Flittner	2221
3653	Murnien	Morser	3294

(3622) N HAMILTON PLACE 400 E Harrison, Oakland. One-story 5-room dwelling.

Owner.....Earl Crum, Premises.

Architect...None.

Contractor...David A. Spark, 736 15th, Oakland.

COST, \$900

(3623) NO. 472 TWELFTH, Oakland. Alterations.

Owner.....J. Markellos, Premises.

Architect...None.

Contractor...J. Dravillas, 1109 Rowell, Oakland.

COST, \$700

(3624) NO. 1774 BROADWAY, Oakland. Alterations.

Owner.....Marshall & Stearns Co., Phelan Bldg., S. F.

Architect...None.

Contractor...N. B. Douglas, Phelan Bldg San Francisco.

COST, \$400

(3627) W WALKER AVE 200 N Cottage, Oakland. Two-story 7-room dwelling.

Owner.....H. N. Turrell, 511 Walker Ave., Oakland.

Architect...None.

Day's work. COST \$1500

(3628) LOT 3 BLK 56, Niles. All work for one-story concrete store building.

Owner.....S. A. Silva, Niles.

Architect...None.

Contractor...F. C. Griffin & Sons, Irvington.

Filed Dec. 22, '13. Dated Dec 16, '13.

Walls poured 2 feet above floor

Joists

Concrete work completed

Completed and accepted

Usual 35 days. TOTAL COST \$2995

Bond, \$1496.50. Sureties, J. S. M. -

and T. J. Berge. Limit, 60 day. Forfeit, \$5 a day. Plans and specifications filed.

(3631) S FIFTY-FIRST 70 E 8 after Ave., Oakland. One-story 5-room dwelling.

Owner.....B. B. Broadhead, 861 57th, Oakland.

Architect...None.

Contractor...L. Broadhead, 861 57th, Oakland.

COST, \$200

(3632) E DESMOND 808 S Clifton, Oakland. One and one-half-story 6-room dwelling.

Owner.....Frank W. Burger, Okd

Architect...None.

Contractor...C. E. Burkes, 3117 Genoa, Oakland.

COST \$2500

(3633) NE GREENWOOD & EVERETT Oakland. Two-story 5-room dwlg.

Owner.....Geo. Daniels, Oakland Enquirer, Oakland.

Architect...A. J. Stern, 1522 Broadway, Oakland.

Contractor...J. T. Chambers, 1522 Broadway, Oakland.

COST \$2500

(3634) NO. 1788 ELEVENTH AVE Oakland. Alterations.

Owner.....J. V. Bend, 3142 Clamper Ave., Oakland.

Architect...None.

Contractor...Clas. Feely, 571 15th, Oakland.

COST, \$100

(3635) E OAK GROVE AVE 311 N Forest, Oakland. Two-story seven-room dwelling.

Owner.....H. S. Butler, 5319 Manly Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(3636) W BRIGHTON 300 E 12th Ave Oakland. One-story 6-room dwlg.

Owner.....Anderson & Folwick, 3233 Boyd Ave Oakland.

Architect...None.

Day's work. COST \$750

(3637) NOS. 1025-37 FIFTY-NINTH Oakland. General repairs.

Owner.....P. G. Wilson, 40 Pacific Ave., San Francisco.

Architect...None.

Contractor...J. F. Strader, 520 16th, Okd

COST, \$600

(3638) BROADWAY near Sixteenth, Oakland. Necessary support for S wall of building.

Owner.....P. P. Cook

Architect...None.

Contractor...B. G. McDougall for J F

Carlston and A J Snyder

Filed Dec. 22, '13. Dated May 12, '13.

Payments

TOTAL COST \$1000

Bond, limit, forfeit, none. Plans and specifications none.

(3639) FOUR MILES FROM PLEASANTON, Pleasanton Tp. All work except electric work and plumbing for alterations and additions to two-story dwelling.

Owner.....J. W. H. Deane, Pleasanton Township.

Architect...Zandini & Jewett, 611

Montgomery, S. F.

Contractor...Lambert & Mills, S. F.

Filed Dec. 23, '13. Dated Dec. 18, '13.

Excavation complete and foundation in place

Frame up 10000 lbs. steel and 10000 lbs. steel

Roofing

Roofing and rough plastered

Mill work delivered

are to be held when completed

Accepted

Usual 35 days. 25%

TOTAL COST, \$7500.90

Bond, \$7500. Surety, Southwestern

Street Ins Co. Limit, 30 days. Forfeit, \$10. Plans and specifications filed

(3640) ELECTRIC WORK ON ABOVE

Contractor...Standard Elec. Constr. Co.,

60 Natoma, S. F.

Filed Dec. 23, '13. Dated Dec. 18, '13.

Revised in

Completed and accepted

Usual 35 days. 25%

TOTAL COST, \$350.00

3000 new limit, begin work 3 days

after being notified. Forfeit, \$10

Plans and specifications filed.

(3641) PLUMBING ON ABOVE.

Contractor...J. Looney Co., Inc., 85 City

Hall Ave., San Francisco

Filed Dec. 23, '13. Dated Dec. 19, '13.

Revised in completed

Plumbing delivered at building

Completed and accepted

Usual 35 days. 25%

TOTAL COST, \$760

1000, new limit begin work 3 days

after being notified. Forfeit, \$10

Plans and specifications filed.

(3642) E-THIRTY-THIRD 185 E

Elm, Oakland. One and one-half-

story 6-room dwelling.

Owner.....Agnes Johnson

Architect...None.

Contractor...Cederborg & Anderson,

1033 Poplar, Oakland.

COST, \$2535

(3643) E SIXTY-FOURTH AVE 1 Blk

N E-14th Oakland. One-story five-

room dwelling.

Owner.....K. M. Sheridan, 1020

Broadway, Oakland.

Architect...None.

Day's work. COST \$2000

(3644) E WOODRUF AVE 375 N E-

7th, Oakland. One-story 6-room

dwelling.

Owner.....J. Graves, 207 Elwood Ave

Oakland.

Architect...None.

Day's work. COST, \$2000

(3645) N GRAND AVE 75 W Shat-

cock Ave, Oakland. Three-story 41-

rooms apartments

(3646) ... Colt Investment Co., 1522

Broadway Oakland

Architect...A J Stern, 1522 Broadway

Oakland.

Contractor...Sommarmstrom Bros., 1565

Alice, Oakland.

COST, \$19,650

(3647) SW MARKET AND AILEEN

Oakland. Two-story 6-room dwlg

Owner.....J. C. Farrar, 129 Cassell

Ave, Oakland

Architect...None.

Contractor...Oakland Bldg Co., Se-

cularly Bank Bldg, Okd

Filed Dec. 23, '13. Dated Dec. 18, '13.

Excavation complete and foundation in place

Frame up 10000 lbs. steel and 10000 lbs. steel

Roofing

Roofing and rough plastered

Mill work delivered

are to be held when completed

Accepted

Usual 35 days. 25%

TOTAL COST \$2750

(3648) NO. 35, TWELFTH Oakland

Alterations

Owner.....S. M. Man, Premises

Architect...None.

Contractor...Cobbett & Ray, 1110

Franklin, Okd

Filed Dec. 23, '13. Dated Dec. 18, '13.

Excavation complete and foundation in place

Frame up 10000 lbs. steel and 10000 lbs. steel

Roofing

Roofing and rough plastered

Mill work delivered

are to be held when completed

Accepted

Usual 35 days. 25%

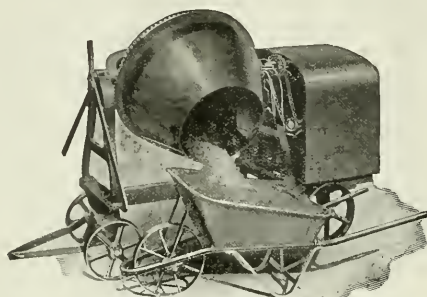
TOTAL COST \$400

(3649) LOT 4 BLK 4 MILL Bldg, H&H

Oakland. All work for two-story and

transverse dwelling and garage

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San Francisco

Owner.....Jeanette A. Jordan, S. F.
Architect...G. E. McCrea,
Contractor...Jos. Flittner, 1700 35th
Ave., Oakland.

Filed Dec. 26, '13. Dated Dec. 24, '13.

Sheathed\$1865.00

Plastered 1805.00

Completed and accepted..... 1805.00

Usual 35 days..... 1806.50

TOTAL COST, \$7221.50

Bond, \$5610.75. Surety, Southwestern
Surety Insurance Co. Limit, 100 days
after Jan. 1st. Forfeit, none. Plans
and specifications filed.

(3653) SE FORTIETH AND RUBY,
Oakland. All work for two-story
frame store and office building.

Owner.....Thomas Murnion, 263 35th,
Oakland.

Architect...None

Contractor...W. C. Morser, S. F.

Filed Dec. 26, '13. Dated Dec. 26, '13.

Framed\$1350

Roof and plumbing roughed

in, electric work installed and

plaster on 1350

Completed and accepted..... 1350

Usual 75 days..... 1214

TOTAL COST, \$5294

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
3625	Gorman	Gorman	2500
3626	Same	Same	2500
3629	Crites	Ernsberger	3380
3615	Sykes	Patrick	500
2648	Sather	King	9995
3650	Butler	Butler	3000

(3625) N HOPKINS 134 W Josephine,
Berkeley. One-story 6-room dwlg.

Owner.....H. Gorman, 431 48th, Okd.

Architect...None.

Day's work

COST, \$2500

(3626) N HOPKINS 174 W Josephine,
Berkeley. One-story 6-room dwlg.

Owner.....H. Gorman, 431 48th, Okd.

Architect...None.

Day's work

COST, \$2500

(3629) LOT 12 BOYD PLACE, Ber-
keley. All work for two-story and
basement dwelling.

Owner.....Phoebe J. Crites, Oakland.

Architect...None.

Contractor...Ernsberger & Dilline, Okd

Filed Dec. 22, '13. Dated Dec. 20, '13.

Frame up and rafters on.....\$1000

1st coat interior and exterior

plaster on 1000

Completed and accepted..... 1000

Usual 35 days..... 380

TOTAL COST, \$3380

Bond, \$2000. Surety, Aetna Accident &
Liability Co. Limit, 70 days. Forfeit,
\$10. Plans and specifications filed.

(3645) NE DOMINGO AVE & P1
Drive, Berkeley. Garage.

Owner.....A. E. Sykes, Premises.

Architect...Harris Allen, 2541 Hille-

gass Ave., Berkeley.

Contractor...Patrick-Nel-on Co., 2011

Shattuck Ave., Oakland.

COST, \$500

(3648) PTN LOTS 1 AND 2 BLK 3
Pity College Homestead Association,
Berkeley. All work for two-story
garage.

Owner.....Anne and J. P. Sather, 2471

Shattuck Ave., Berkeley.
Architect...None.
Contractor...Geo. F. King, 2437 Shat-
tuck Ave., Berkeley.

Filed Dec. 24, '13. Dated Dec. 23, '13.

As work progresses and 2nd, 12th

and 22nd of each month..... 50%

Completed and accepted..... 25%

Usual 35 days..... 25%

TOTAL COST, \$3995

Bond, \$4997.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 60

days. Forfeit, none. Plans and spec-
ifications filed.

(3650) NW SAN PEDRO AVE AND
Laurel Ave., Berkeley. Two-story 8-
room dwelling.

Owner.....B. F. Butler and George

Alyworth, 332 49th, Okd.

Architect...None.

Contractor...B. F. Butler, 333 49th, Okd.

COST, \$3000

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
3630	Postel	Johnson	3750
3651	Erickson	Johnson	2000

(3630) NW RAILROAD AVE AND
Benton W 150xN 79.33, Alameda. All

work for one-story six-room dwlg

Owner.....E. A. C. Postel.

Architect...None.

Contractor...J. Johnson and G. S.

Erickson, Alameda

Filed Dec. 22, '13. Dated Dec. 1, '13.

Signing agreement\$375

Balance monthly payments.....

TOTAL COST, lot and land together

\$3750

Bond, none. Limit, commence within
30 days. Forfeit, none. Plans and
specifications filed.

(3651) NW LINCOLN & BENTON,
Alameda. One and one-half-story 5-
room dwelling.

Owner.....J. J. Erickson, 1610 Benton

Alameda.

Architect...None.

Contractor...J. Johnson, 1610 Benton.

Alameda.

COST, \$2000

Minor Jobs About Alameda Co

2801 E-10th, Okd.; tank frame own-
er, A. Nebilo; contractor, R. W. Mur-
dock; cost, \$265.

NW Oxford and Los Angeles, Bkly.;
fire repairs; owner, F. L. Stone; con-
tractor, F. R. Peake Co.; cost, \$200.

2135 Blake, Bkly.; resinsling; own-
er, J. H. Robinson; cost, \$200.

E 31th Ave 100 S E-14th, Okd.; alter-
ations; owner, Robt. Turnbull; con-
tractor, D. McKay; cost, \$250.

525-27 Broadway, Okd.; alterations;
owner, Wallace Everson; contractor, F.
G. Jones; cost, \$175.

518 58th, Okd.; tank frame; owner,
Joe Hannack; cost, \$100.

1001 63rd, Okd.; one-story 2-room
dwelling; owner, Sarah L. Sargent;
cost, \$150.

2023 23rd Ave., Okd.; addition; own-
er, M. Van Haaren; contractor, J. R.
Davis; cost, \$100.

488 Crescent, Okd.; garage; owner,
Jno. A. Brett; cost, \$180.

NE Carleton and El-whorn, Bkly.;
addition; owner, G. F. Blankenship;
contractor, Johnson; cost, \$100.

COMPLETION NOTICES.

ALAMEDA COUNTY

Dec. 1, 1913—NW 35 LOT 1 BLK 7, Map Boulevard Park, Okd. Mrs M Richardson to E C Sydes. Nov. 24, 1913
Dec. 1, 1913—LOT 111 Sbdvn 30 Map Keshdvn Peralta Park, Bkly. Western Union Home Bldrs to Frank C Nye. Nov. 29, 1913
Dec. 1, 1913—LOT 21 BLK 2 Map Sbdvn No. 1 Adams Point Pkty, Okd. M E Hennings to John Lehman. Dec. 1, 1913
Dec. 2, 1913—N FIFTEENTH 60 E Clay E 120 N 93-9 NW 14-17 W 110 S 103-9, Okd. Robert Dalziel Co to Otto Kurtz, Dec. 2; Lewis A Hicks Co. Dec. 2, 1913
Dec. 2, 1913—E SIXTY-FIRST AVE 240 S Taylor; No. 1246 61st Ave., Okd. Loretz Peterson to W H Judson. Nov. 26, 1913
Dec. 2, 1913—SW FORTY-SIXTH & Melrose Ave W 120x33, Okd. Jemima A Laling to whom it may concern. Aug. 18, 1913
Dec. 2, 1913—PTN PLOT 18 Map Part Rancho Arroyo de la Alameda, Niles, Emily L Chittenden to A T Epence. Oct. 22, 1913
Dec. 3, 1913—NW TWELFTH AND Grave 50x112, Okd. Brugulere Co to Judson Mfg Co. Dec. 2, 1913
Dec. 3, 1913—LOT 3 BLK 6 Wheeler Tract, Bkly. Dr C L Roadhouse to Alfred Peterson. Nov. 15, 1913
Dec. 3, 1913—LOT 8 BLK 5 Berkeley Square, Bkly. Maria Callender and Carollins C Condit to whom it may concern. Dec. 2, 1913
Dec. 3, 1913—SW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to F M Maestrett and J M Younger. Dec. 1, 1913
Dec. 4, 1913—PTN LOT 1 Map Harris & Donahue Tract, Pleasanton. Peter Kroeger to C A Bruce. Dec. 1, 1913
Dec. 4, 1913—LOT 6 AND PTN LOT 5 Bkly "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern. Nov. 29, 1913
Dec. 4, 1913—W PERALTA AVE Ptn Lots 3, 4, and 5 Bkly "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern. Nov. 29, 1913
Dec. 4, 1913—S ENCINAL AVE 175 x Union W 44xS 140, Ala. A H Knox to D M Etter. Dec. 4, 1913
Dec. 5, 1913—LOT 7 BLK 4 Map Havenscmrt, Oakland. Piedmont Heights Bldg Co to C F Lodge. Dec. 5, 1913
Dec. 5, 1913—S WARD 302.5 E Ellisworth 375x134 1/2, Bkly. F R Peake Co to G Johanson. Dec. 4, 1913
Dec. 5, 1913—PTN LOT 8 BLK "B" Revised Map Piedmont Park, Piedmont. Cora H Shores to whom it may concern. Dec. 1, 1913
Dec. 6, 1913—E SAN PABLO AVE 75x2 N Addison N 30.12 E 109.52 S 85 W 106.35, Bkly. Z G Hadjopoulos to E J Aalto. Dec. 4, 1913
Dec. 6, 1913—LOT 2 BLK "B" Map Waterside Terrace, Ala. F N Strang to whom it may concern. Nov. 24, 1913
Dec. 6, 1913—E BOULEVARD 175 A 12th E 136 N 50 W 148 S 50, Okd. Robert Irvine to O M Bullock. Dec. 5, 1913
Dec. 6, 1913—N FIFTEENTH 60 E Clay E 120 N 93-9 NW 14-17 W 110 S 103-9, Okd. Robert Dalziel Co to whom it may concern. Dec. 2, 1913

Dec. 6, 1913—E BENVENCE AVE 147-5 S Russell S 45x148.53, Bkly. W J Bell to John Weltzel. Dec. 4, 1913
Dec. 8, 1913—LOT 3 BLK "B" North-bree Business Pkty, Bkly. F R Peake Co to whom it may concern. Dec. 6, 1913
Dec. 10, 1913—S TAFT AV 125 E College Ave being Lot 43 Wood-lawn Park, Okd. C A Covalt to Fred Hamblenton. Nov. 15, 1913
Dec. 10, 1913—LOT 6 BLK 4 Map Claremont, Bkly. Caroline Wolbold to Jacob Kollmer. Dec. 9, 1913
Dec. 10, 1913—LOT 2 BLK 17 Regents Park No. 4, Albany. Carl Ericsson to whom it may concern. Dec. 8, 1913
Dec. 10, 1913—LOT 19 BLK 16 Map No. 4 Regents Park, Albany. Carl Ericsson to whom it may concern. Dec. 8, 1913
Dec. 11, 1913—LOT 24 Map Ford Trct, Okd. A M Odgers to Joseph St. Mary. Dec. 11, 1913
Dec. 11, 1913—SE FIFTH AVE 100 NE E-15th, Okd. Ellen M Humphrey to J W Baughman. Dec. 8, 1913
Dec. 11, 1913—E TWENTY-EIGHTH 68 E Chestnut & 7g No. 1072 28th, Okd. E V C. to E J Coleman & James Grimmins. Dec. 11, 1913
Dec. 12, 1913—S SIXTH 125 E Brush, Okd. V Morelli to Gaspard & Sharp. Nov. 25, 1913
Dec. 12, 1913—COR DWIGHT WAY and Piedmont Ave, Bkly. T M Shearman to H D Koch. Dec. 4, 1913
Dec. 12, 1913—PTN LOTS 1, 2, AND 3 Bkly "G" Stanford Tract, Oakland. Clarence G and Bradetta S Lane to C Texdahl. Dec. 10, 1913
Dec. 13, 1913—W 40 FT. OF E 90 FT. Lot 8 Bkly "B" Map Elmwood Park, Bkly. F C Curry to Sullivan Bros. Dec. 12, 1913
Dec. 13, 1913—W 40 FT. Lot 8 BLK "B" Map Elmwood Park, Bkly. F C Curry to Sullivan Bros. Dec. 12, 1913
Dec. 13, 1913—NW CLAREMONT AVE 100 SW 60th, being No. 5953 Claremont Ave, Okd. May and Henry Kroeger to Bay Cities Bldg & Realty Co. Dec. 3, 1913
Dec. 15, 1913—LOT 1 Elmwood Court Tract, Bkly. Mrs Charles Fish to Oscar Salrauen. Dec. 5, 1913
Dec. 15, 1913—PTN LOTS 1 AND 2 Bkly 9 Claremont Park, Bkly. S G Down to J W Buskirk. Dec. 15, 1913
Dec. 16, 1913—NO. 95 PLAZA DRIVE being Lot 30 Bkly 11 Claremont Park, Bkly. V S Kidd to Jacob House. Dec. 15, 1913
Dec. 17, 1913—PTN LOT 32 AND LOT 34 Map Piedmont Tract, Okd. F G Becker to United Home Bldrs. Dec. 11, 1913
Dec. 17, 1913—S FIFTY-SIXTH 350 W Telegraph Ave W 25xS 110, Okd. Frank L Powell to United Home Bldrs. Dec. 9, 1913
Dec. 17, 1913—NE THIRTEENTH & Webster E 100xN 50, H A Powell to E Hogberg and John Ludwig. Dec. 18, 1913
Dec. 17, 1913—NW AYALA AVE AND Miranda NE 42.50 to pt 50g NE 52.50 NW 117.38 SE 30 SE 100.82 Okd. United Home Bldrs to whom it may concern. Dec. 8, 1913
Dec. 17, 1913—NW AYALA AVE AND Miranda N 127.50 to pt 10g NE 24.41 NE 813 NW 149.76 SW 28.76 SE 131.91 OKI. United Home Bldrs to whom it may concern. Dec. 8, 1913
Dec. 18, 1913—NW FIFTEENTH AND Washington N 69.58 W 193.1 S 18.92 E 14.98, Okd. Charles J Heeseman to Hudgear-Merle Co. Dec. 12, 1913
Dec. 18, 1913—LOT 17 BLK 5 on Contra Costa Road, Claremont, Bkly. Mary G Newmark to Kidder & McCullough. Dec. 12, 1913
Dec. 17, 1913—LOT 18 BLK 6 Case Tract, Bkly. Walter I Hynes to E Larner. Dec. 12, 1913
Dec. 19, 1913—SE FORTY-FIRST AVE 37 1/2 NE E-15th NE 37 1/2xSE 75, Okd. United Home Bldrs to whom it may concern. Dec. 8, 1913
Dec. 19, 1913—LOT 17 PROSPECT Park, Brooklyn Tp. United Home Bldrs to whom it may concern. Dec. 8, 1913
Dec. 22, 1913—Lot 5 Map 4th Ave Terrace Ext, Okd. Itay A and Florence Alvie Leavitt to Jersper-son & Hippo. Dec. 20, 1913
Dec. 22, 1913—HOUSE NO. 1 LOT 41 Bkly 8; House No. 2 Lot 43 Bkly 8; House No. 3 Lot 46 Bkly 17; House No. 4 Lot 45 Bkly 17; House No. 6 Lot 1 Bkly 17 Map No. 1 Regents Park, Albany. Carl Ericsson to whom it may concern. Dec. 18, 1913
Dec. 23, 1913—LINCOLN AVE NO 459 10x170 N Lincoln Ave 460 W ——— Ala. Mrs Marie Schaefer by Mathias Schaefer to Home Buyers Syndicate. Dec. 19, 1913
Dec. 23, 1913—NW LIENSE AVE 1132.91 NE County Road 1525 NE 27 NW 125, Okd. Emily L McDonald to W H Boeard. Dec. 10, 1913
Dec. 24, 1913—LOT 28 BLK "G" Map Mastick Park, Ala. Mark T Cole to whom it may concern. Dec. 23, 1913
Dec. 24, 1913—NE THIRTEENTH & Webster E 100xN 50, Okd. H A Powell to N Clark & Sons. Dec. 20, 1913
Dec. 24, 1913—LOT 8 BLK "B" Map Waterside Terrace, Ala. F N Strang to whom it may concern. Dec. 11, 1913
Dec. 24, 1913—SIXTY-FOURTH AVE 180 S E-14th 62-6x13, Okd. A V Worthington to whom it may concern. July 1, 1913
Dec. 21, 1913—LOT 2 BLK 6 Berkeley Heights, Bkly. Patrick Nelson Bldg Co to whom it may concern. Dec. 21, 1913
Dec. 24, 1913—S 30 FEET LOT 12 and 10 feet Lot 14 Piedmont Via T and Piedmont. A M Duncan by Clara M wife to T D Courtright and E Lundberg. Dec. 20, 1913
Dec. 26, 1913—W LEE 95, being ptn Plot 27 Kellersberger Mx, Runcos Vinete & Dominga Peralta, Okd. John P Maxwell to W G T ornaally. Dec. 16, 1913
Dec. 26, 1913—LOT 12 BLK 2 Meek Estate Orchard Tract St. Laurel and Soto, Hayward, Douglas Park-ers to Schwartz Bros & Son. Dec. 20, 1913

LIENS FILED.

ALAMEDA COUNTY.

Dec. 1, 1913 S VIGNAIO AVE 100 E Colas 125x140, okd. John Peters vs C D Benker \$37.60
Dec. 3, 1913—NE CENTRAL AVE & PATE E 100xN 100, Ala. Balance MUI & Lumber Co vs W G Le Bayly \$219.07
Dec. 3, 1913—N CENTRAL AVE 40 E 50 E 100xN 100, Ala. Balance MUI & Lumber Co vs W G Le Bayly \$181.33

- Dec. 4, 1913—LOT 28 AND SW 10 LOT 29 Map Holway and Laine's Subdiv Lots 31, 32 and 33, Kingsland Tract, Okd. Zenith Mill & Lumber Co vs S A Potter and H C Miller.....\$256
- Dec. 4, 1913—N CENTRAL AVE 40 E Fifth E 34xN 100, Ala. Rhodes-Jamieson & Co vs W G Le Boyd.....\$126.25
- Dec. 4, 1913—NE FIFTH & CENTRAL Ave E 40xN 100, Ala. Rhodes-Jamieson & Co vs W G Le Boyd, W Ehrenport, A A & C O'Brien.....\$144.70
- Dec. 5, 1913—S SANTA CLARA AVE 506.25 W Union W 27.33xS 137.5, Alameda. H C Nelson vs W G Le Boyd.....\$106
- Dec. 6, 1913—N TWENTY-SIXTH & W Broadway NE 189 N 52.66 W 109 11-12 S 232½ E 153¾, Okd. D Scaglia, \$70.50; Geo Chiantaretto, \$126 vs First Presbyterian Church of Oakland and Atlas Stone Co....
- Dec. 6, 1913—SUBDIVN C. D. AND E Lot 7 Blk 792 Map No. 2 Watts Trct, Okd. Zenith Mill & Lumber Co vs Rose Marcum and S B Barnett.....\$235.31
- Dec. 6, 1913—LOT 23 BLK 6 Map 4th Ave Heights, Okd. Berkeley Lumber Co vs E O and Elizabeth G Pendleton and O M Bullock.....\$422.40
- Dec. 8, 1913—N TWENTY-SIXTH & W Broadway W 153.63 N 233.20 E 199.94 S 52.13 SW 187, Okd. Royal Heating Co vs First Presbyterian Church of Oakland and General Eng Co.....\$120.95
- Dec. 8, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 th 187 to pt beg, Okd. Joseph Triboli, \$56; Americo Cristiani, \$56; Angiolo Peri, \$61 vs Atlas Stone Co and 1st Presbyterian Church of Oakland.....
- Dec. 9, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 th S 187 to pt beg, Okd. Virgilio Raiteri, \$168.25; Daniel McFee, \$128.75; Thomas Hill, \$200 vs Atlas Stone Co and 1st Presbyterian Church of Oakland.....
- Dec. 9, 1913—LOT 4 BLK 18 Map Northbrae, Bkly. Otto Bechtie vs H H Gastman and Sequola Constr Co.....\$55
- Dec. 9, 1913—PTN LOT 13-A Map Lands Trutonna Park and Homestead Ass'n, Ala. Rhodes-Jamieson & Co vs W G Le Boyd.....\$118.05
- Dec. 9, 1913—N CENTRAL AVE 176 E 5th N 135-2 to find pt of beg W 76 N 34, Ala. Rhodes-Jamieson & Co vs W G Le Boyd.....\$27.35
- Dec. 9, 1913—LOT 11, Robinson Trct being No. 1329 Palm, Ala. R B Stuart vs J B Randall.....\$270
- Dec. 10, 1913—N TWENTY-SIXTH & W Broadway NE 189 N 52.66 W 109 11-12 S 232½ E 153¾, Okd. Frank Poletto vs 1st Presbyterian Church of Oakland and Atlas Stone Co.....\$125.25
- Dec. 11, 1913—SUBDIVN NO. 1 LOT 28 Map No. 3, Glen Echo Trct, Piedmont J Catucci vs Gertrude and E E Huddleson.....\$38.10
- Dec. 11, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 W 187 to pt of beg, Okd. Frank Pucinelli, \$180; A. Parini, \$18; Phillip Zappettini, \$124.75; G Paroni, \$15; Joe Lunardi, \$193 vs First Presbyterian Church of Oakland and Atlas Stone Co.....
- Dec. 11, 1913—OLD MAY HANCH, b'ld on N County Road No. 818, E land of Murphy, S land Fasset, W by land Tonder et al, Murray Tp. J G Hart vs Herman D Murphy and L A Myers.....\$12
- Dec. 11, 1913—N TWENTY-SIXTH & W Broadway N 187 N 52.13 W 199.94 S 233.20 E 153.63, Okd. S M Pherson vs First Presbyterian Church of Oakland and Atlas Stone Co.....\$137.60
- Dec. 11, 1913—SW TWENTY-FIFTH and Telegraph Ave 50x100, Oakland Marshall & Stearns, \$568; E Rosenberg (Wedel Elec Co), \$285.50 vs Wilhelmina Street and Christiansen & Smith.....
- Dec. 12, 1913—SW TELEGRAPH AVE and 25th S 50xW 100, Okd. George H Tay vs Wilhelmina Street and Wara Bros.....\$141.91
- Dec. 12, 1913—NE E-FOURTEENTH and NW 9th Ave NW 50xNE 100, Okd. George H Tay Co vs J B Cabana and Wara Bros.....\$133.61
- Dec. 12, 1913—S SANTA CLARA AVE 206.25 W Union W 27.33xS 137.6, Ala. Sunset Lumber Co vs W G Le Boyd and N J Pickle.....\$58.76
- Dec. 12, 1913—S CENTRAL AVE 97-6 W Elm W 32-6xS 99, Ala. Sunset Lumber Co vs W G Le Boyd and A P Pollard.....\$266.71
- Dec. 12, 1913—E FIFTH 100 N Central Ave N 34-9xE 100, Alameda. Sunset Lumber Co vs W G Le Boyd and W F Kroll.....\$330.76
- Dec. 12, 1913—N CENTRAL AVE 213.2 E Fifth E 34xN 100, Ala. Sunset Lumber Co vs W G Le Boyd, G W and W Ehrenport.....\$187.28
- Dec. 12, 1913—SW TWENTY-FIFTH and Telegraph Ave 50x100, Okd. Charles Rutherford vs Christiansen & Smith and Wilhelmina Street.....\$90.75
- Dec. 12, 1913—S NINETY-NINTH AVE 197 W E-14th S 94.18xW 35, Okd. Sunset Lumber Co vs Lou and Justus Norris.....\$200
- Dec. 12, 1913—S TWENTY-FIFTH 100 W Telegraph Ave E 100xS 50, Okd. L J Neal vs Christiansen & Smith and Wilhelmina Street.....\$768.73
- Dec. 12, 1913—W PALM 215 S Central Ave W 100xS 35, Ala. Sunset Lumber Co vs Edwin B Robinson and J B Randall.....\$406.57
- Dec. 12, 1913—W PALM 215 S Central Ave W 100xS 35, Ala. H C Bigge and C W Lannon vs C B Robinson and J B Randall.....\$400
- Dec. 12, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.12 th 187 to pt beg, Okd. Giovanni Gotelli, \$78.25; Joe Zanaria, \$144.25; Rhodes-Jamieson Co, \$160.80; Sullivan Bros, \$52.50 vs Atlas Stone Co and First Presbyterian Church of Oakland.....
- Dec. 12, 1913—LOT 11, Robinson Tract, Ala. Rhodes-Jamieson & Co vs J B Randall and W T Blakely.....\$51.05
- Dec. 12, 1913—SW TWENTY-FIFTH and Telegraph Ave S 50xW 100, Okd. B K Wood Lumber Co vs Christiansen & Smith and Wilhelmina Street.....\$1719.17
- Dec. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 E 199.94 S 52.13 th 187 to pt beg, Okd. D J Henderson vs Atlas Stone Co and First Presbyterian Church of Oakland.....\$105
- Dec. 13, 1913—NE WEBSTER AND 24th E 100xN 58.60, Okd. C Carnevali Marble & Mosale Co vs C V Norcross and Leo Nichols.....\$58.50
- Dec. 13, 1913—LOT 11 ROBINSON Trct Alameda. W T Blakely vs J B Randall.....\$105
- Dec. 13, 1913—NW BROADWAY AND N 26th W 153.63 N 233.20 W 199.94 S 52.13 th 187 to pt beg, Okd. De Fremery Cadman Materials Co vs First Presbyterian Church of Oakland and Atlas Stone Co.....\$219.60
- Dec. 13, 1913—SW TELEGRAPH AVE and 25th 50x100, Okd. Union Floor Co, \$75; Otto Bechtie, \$225 vs Wilhelmina Street.....
- Dec. 13, 1913—SW TELEGRAPH AVE and 25th 50x110, Okd. Hodge & Collins Lumber Co vs Wilhelmina Street, R A Miller and Christiansen & Smith.....\$142.04
- Dec. 13, 1913—SW TELEGRAPH AVE and 25th 50x100, Okd. Union Floor Co, \$465.25; Golden Rule Sheet Metal & Iron Works, \$280; Turner Co, \$1153.38; National Roofing Co, \$123.75; W J B McWhirter, \$525; L D Frazee, \$25; Preston & Kelly, \$56.25; Reinhart Lumber & Planing Mill Co, \$1593.82; Schwarz & Gottlieb, Inc, \$123.75; C J Hillard Co, Wilhelmina Street and Christiansen & Smith.....\$120 vs Inc, \$225; Fred Jurgewitz, \$120 vs Inc, \$225—PT 100 N Central Ave and 176 E 5th N 34 2-12xW 76, Ala. Reliance Mill & Lumber Co vs Wm G Le Boyd.....\$128.32
- Dec. 15, 1913—LOTS 6 AND 7 BLK "O" Map Kelsey Tract, Okd. Brittain & Co vs Wilhelmina Street and Christiansen & Smith.....\$66.52
- Dec. 15, 1913—NE FORTIETH AND Opal SE 37.71 NE 99.59 NW 37.72 SW 101.13, Okd. Brittain & Co vs J R Morse and Christiansen & Smith.....\$37.72
- Dec. 15, 1913—SW TELEGRAPH Ave and 25th S 50xW 100, Okd. De Fremery-Cadman Materials Co vs Wilhelmina Street and Christiansen & Smith.....\$226.65
- Dec. 15, 1913—SW TWENTY-FIFTH & Telegraph Ave S 50xW 100, Okd. De Fremery-Cadman Materials Co vs Wilhelmina Street and Christiansen & Smith.....\$31.75
- Dec. 15, 1913—SW TWENTY-FIFTH and Telegraph Ave S 50xW 100, Oakland. De Fremery-Cadman Materials Co vs Wilhelmina Street and Christiansen & Smith and R A Miller.....\$530.55
- Dec. 15, 1913—SW TELEGRAPH AVE and 25th S 50xW 100, Okd. De Fremery-Cadman Materials Co, \$12.75; R A Miller, \$132.97 vs Wilhelmina Street, Christiansen & Smith and W J McWhirter.....
- Dec. 13, 1913—PT 134.2 N Central Ave and 176 E 5th N 35 W 76 S E 35, Ala. Reliance Mill & Lumber Co vs William G Le Boyd.....\$105.57
- Dec. 17, 1913—S SIXTH 125 E Brush E 25xS 100, Okd. Redwood Mfg Co vs E C Gaspard, A C Sharp, V and Altano Morelli.....\$249.60
- Dec. 18, 1913—S SIXTH 125 W Brush S 100xW 25, Okd. A H Knoch vs V Morelli.....\$100
- Dec. 18, 1913—NE OXFORD AND Eunice E 100xN 60, Bkly. Sunset Lumber Co vs Andrew M and Olive V R Wilson.....\$959.66
- Dec. 19, 1913—E FIFTH 100 N Central Ave N 34-9 th at r a 100, Alameda. Rhodes-Jamieson & Co vs W G Le Boyd and W F Kroll.....\$54.70
- Dec. 19, 1913—N FORTIETH 50 E Jefferson E 100xN 103.3, Okd. McCreary & Sampson vs J M Locke

Dec. 19, 1913—\$564.40
 Dec. 19, 1913—S SANTA CLARA AVE
 396.25 W Union W 27.33xS 137.6,
 Ala. Rhodes-Jamieson Co vs W G
 Le Boyd and N J Pickle.....\$123.25
 Dec. 19, 1913—S CLEMENT AVE 97-6
 W Elm W 32-6xS 90, Ala. Rhodes-
 Jamieson Co vs W G Le Boyd and
 A P Pollard.....\$71.65
 Dec. 19, 1913—N CENTRAL AVE
 343.2 E Fifth E 34xN 100, Alameda,
 Rhodes-Jamieson Co vs W G Le
 Boyd, G W and W Ehrenpfort.....
 \$96.90
 Dec. 22, 1913—LOT 6 AND PTN LOT
 5 and ptn Lots 3, 4, 5 BLK "F" Cor-
 rected Map Nicol Tract, Okd. H T
 Bush vs W M and Nellie L Norris
 and Wm Dutton and Edith Dell
 Bush.....\$546.80
 Dec. 23, 1913—S THIRTY-SIXTH 116
 W Grove W 50xS 120-3, Okd. John-
 son Bros vs Almond City Land De-
 velopment Co and Mary H Patter-
 son and J R Jones.....\$132
 Dec. 24, 1913—W COUNTY ROAD
 1646 being about 7½ acres adjoining
 land John McComas on N and
 in plot subdivided by Herman
 Murphy, being N County Road 818
 about 3½ miles E Livermore, Mur-
 ray Tp. Anspacher Bros vs F A
 Fagade.....\$69.20
 Dec. 26, 1913—E Woodruff Ave 95.17
 S Hoppel S 40x E 110, Okd. Fred
 Buzzell vs M P Graves.....\$151

SAN JOSE AND THE SANTA CLARA VALLEY,

COTTAGE—1 story and base, frame.
 \$2,000. San Jose, Santa Clara Co., Cal.
 Architect, none. Owner, G. D. Maria,
 1251 Locust, San Jose. The dwelling
 has been designed for a five room
 house with bath. Interior finish will
 be of pine throughout. Oak floors will
 be used in the living and dining rooms.
 There will be a large open fire place
 and tile or brick mantel. The wainscot
 will be used in the bath room and
 kitchen. An automatic water heater
 will be installed. Exterior of the
 dwelling will be covered with cement
 plaster on metal lath. Plans are com-
 plete and the work will be done by
 Day Labor.

Building Contracts.

SANTA CLARA COUNTY.

NE SAN FERNANDO AND MARKET.
 San Jose. One room.
 Owner.....Wm. Culligan, Premises.
 Architect...None.
 Day's work. COST, \$700
 NO. 85 S-SECOND, San Jose. New
 front.
 Owner.....Mrs. Catherine Dougherty.
 Premises.
 Architect...None.
 Contractor...R. O. Summers, 17 N-F'rst
 St., San Jose. COST, \$1600

Building Contracts.

SAN MATEO COUNTY.

BERESFORD. All painting and deco-
 rating interior and exterior.
 Owner.....Beresford Country Club.
 Architect...G. Albert Landsburgh and

Sylvain Schnaittacher, 1st
 National Bank Bldg., S. F.
 Contractor...D. Zellinsky, 564 Eddy,
 San Francisco.

Filed Dec. 20, '13. Dated Dec. 15, '13.
 75% of work done and material
 applied by Feb. 15, 1914.....
 Difference between the payment
 already made and 75% of contract
 price.....
 Usual 35 days..... 25%

TOTAL COST, \$7250

Bond, \$4000. Surety, Guardian Casualty
 and Guaranty Co. Limit, 75 days.
 Forfeit, none. Plans and specifications
 filed.

LOT 4 VALPARAISO PARK TRACT,
 Menlo Park. Plumbing, gas fitting
 and drainage system for south wing
 to Convent of the Sacred Heart.

Owner.....Academy of the Sacred
 Heart of Menlo Park.
 Architect...Chas. J. L. Devlin, Pacific
 Bldg., San Francisco.

Contractor...The J. Looney Co., 85 City
 Hall Ave., S. F.

Filed Dec. 15, '13. Dated Oct. 21, '13.
 On 1st and 15th of each month
 75% of work done.....\$3187.50
 Usual 35 days, 25%..... 1062.50

TOTAL COST, \$4250.00

Bond, \$2125. Surety, Equitable Surety
 Co. Limit, 30 days after completion of
 carpentry. Forfeit, \$25. Plans and
 specifications filed.

POINTING AND PATCHING WORK
 on above.

Contractor...Smyth Bros., Monadnock
 Bldg., San Francisco.

Filed Dec. 15, '13. Dated Oct. 22, '13.
 Entire work completed and ac-
 cepted.....\$150
 TOTAL COST, \$150

Bond, none. Limit, 10 days. Forfeit,
 \$25 per day. Plans and specifications,
 none.

LATHING AND PLASTERING ON
 above.

Contractor...Smyth Bros., Monadnock
 Bldg., San Francisco.

Filed Dec. 15, '13. Dated Oct. 22, '13.
 On 1st and 15th of each month
 75% of work done.....\$151
 Usual 35 days, 25%..... 1717

TOTAL COST, \$6868

Bond, \$3500. Surety, Chicago Bonding
 & Surety Co. Limit, 60 days after
 ready for lathing. Forfeit, \$25 per
 day. Plans and specifications filed.

PAINTING ON ABOVE.

Contractor...Martin Peterson, 215 29th,
 San Francisco.

Filed Dec. 15, '13. Dated Oct. 21, '13.
 On 1st and 15th of each month
 75% of amount work done.....\$1628.25
 Usual 35 days, 25%..... 542.75

TOTAL COST, \$2171.00

Bond, \$1100. Surety, G. T. Peterson
 and John E. Beck. Limit, 30 days after
 completion of carpentry. Forfeit, \$25
 per day. Plans and specifications filed.

HOT WATER HOUSE HEATING SYS-
 tem, on above and alterations in
 present West Wing and Domestic hot
 water generating system for both
 wings.

Contractor...Klennan & O'Brien, 1754
 Mission, San Francisco.

Filed Dec. 15, '13. Dated Oct. 21, '13.
 All pipe work completed, ex-
 clusive of the connections at
 boiler and water heater.....\$2350

Completed and accepted..... 2350
 Usual 35 days..... 100
 TOTAL COST, \$6271
 Bond, \$3200. Sureties, G. F. Bernard
 and H. Lawson. Limit, 130 days after
 completion of brick work. Forfeit, \$25
 per day. Plans and specifications file.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Dec. 15, 1913—53 ACRE TRACT,
 Hatfield Ranch near Palo Alto.
 Wm M Fitzhugh to F W Fox.....
 Dec. 10, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

Building Contracts.

FRESNO COUNTY.

LOTS 14, 15, 16 BLK 64, Fresno. Re-
 model brick business building.
 Owner.....T. C. White, Fresno.
 Architect...E. Mathewson, Fresno.
 Contractor...Emmett Higgins, Fresno.
 Filed Dec. 26, '13. Dated Dec. 8, '13.
 When iron is in place and each
 two weeks thereafter..... 75%
 Usual 35 days, balance..... 1
 TOTAL COST, \$2640

Bond, \$800. Sureties, G. W. Anderson
 and G. L. Long. Limit, 40 working
 days. Forfeit, \$5. Plans and specifi-
 cations filed

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
 Dec. 24, 1913—LOTS 12, 13, 14 BLK
 70, Fresno. Roeding Estate Co to
 H P Hoyt.....Nov. 15, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

STORES AND DANCE HALL—2 story
 and base, frame, \$5,000. Fairfax, Marin
 Co., Cal. Architect, C. O. Clausen, Phen-
 ix Bldg., S. F. Owners, Rocca Bros.
 The building will be erected at the cor-
 ner of Fairfax road and Fairfax avenue
 covering an area of 50 by 95 feet. There
 will be two stores on the first floor and
 a large dance hall and billiard room
 on the second floor. Interior finish will
 be of pine. A maple floor will be used
 in the dance hall. Exterior of the
 building will be covered with rustle
 and cement plaster on metal lath. Plans
 are being prepared

WINERY IMPROVEMENTS, COT-
 TAGES, SEWERAGE SYSTEM, ETC—
 Reinforced concrete construction, \$50,-
 000. Winehaven, Contra Costa Co., Cal.
 Architect, none. Owners, California
 Wine Association, 150 Townsend st., S. F.
 The California Wine Association
 have had plans prepared for a large
 sewer system to be installed at their
 \$3,000,000 plant at Winehaven. The
 company will construct about 100 cot-
 tages for their employees and install
 additional fire protection. Buildings
 will be of reinforced concrete. A total
 of \$50,000 will be spent for these im-
 provements.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Dec. 19, 1913—LOT 4 and Wly $\frac{1}{2}$ Lot
5 Blk 4, Richmond Bay Shore Tct.
Mrs A B Lee to C H McCausland
.....Dec. 17, 1913

LIENS RELEASED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Dec. 20, 1913—N $\frac{1}{2}$ LOTS 17 AND
18 Blk 2, Map City of Richmond.
H L Perry to Benjamin F Gaylord
.....\$78
Dec. 17, 1913—LOT 23 BLK 20 Brown
Andrade Tract. Gustav Werner to
John Etchebert and Herbert F Brown
Inc\$85.50

SACRAMENTO, STOCKTON &
NORTHERN CALIFORNIA.

Building Contracts.

SACRAMENTO COUNTY.

W $\frac{1}{2}$ OF S $\frac{1}{2}$ LOT 8, S. T. 23RD AND
24th Sts., Sacramento. One-story
building.
Owner.....Helen Alice Johnson.
Architect...None.
Contractor...A. Teichert Jr. and T. E.
Ambrose (Teichert & Am-
brose), Ochsner Bldg. Sacra-
mento.
Filed Dec. 19, '13. Dated Dec. 19, '13.
TOTAL COST, \$4043

S $\frac{1}{2}$ LOT 8, V.-W., 10TH AND 11TH
Sts., Sacramento. Four-story bldg.
Owner.....George T. Ryan, 2231 10th
St., Sacramento.
Architect...None.
Contractor...John Kanert, 1012 V St.,
Sacramento.
Filed Dec. 19, '13. Dated Dec. 18, '13.
TOTAL COST, \$3278

W $\frac{1}{2}$ LOT 6, E. G. 26TH AND 27TH
Sts., Sacramento. Alter dwelling.
Owner.....I. Christy, 2617 G St., Sacra-
mento.
Architect...None.
Contractor...G. A. Wendl, 2130 M St.,
Sacramento.
COST, \$500

LOT 99, 28TH STREET TRACT, Sacra-
mento. Erect dwelling.
Owner.....Schluskeber, 2604 Cali-
fornia Ave., Sacramento.
Architect...None.
Day's work. COST, \$1800

LOT 22 SUTTER TERRACE ADD'N.,
Sacramento. Erect dwelling.
Owner.....L. L. Johnson, 1219 33rd
St., Sacramento.
Architect...None.
Day's work. COST, \$2000

Building Contracts.

SAN JOAQUIN COUNTY.

E 25 LOT 4 AND W 40 LOT 6 BLK 253
Stockton. All work for remodeling
frame corrugated iron brewing and
bottling works.

Owner.....John Rapp & Sons, 1500
Bryant, San Francisco.
Architect... R. P. Morrell I. O. O. F.
Bldg., Stockton.
Contractor...Frank Tucker, 321 North
Sierra Nevada, Stockton.
Filed Dec. 18, '13. Dated Dec. 18, '13.
After 15 days..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3324
Bond, \$1662. Sureties, Chris Totten
and Geo. E. Kenning. Limit, 30 days.
Forfeit, none. Plans and specifications
filed.

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Dec. 19, 1913—LOT 13 BLK 1 R Tur-
ner Sub., Sacramento. W F Knox
vs H H Mull.....\$444.33

LOS ANGELES AND SOUTH-
ERN CALIFORNIA.

BRIDGE—Reinforced concrete, \$50,-
000. Pasadena, Los Angeles Co., Cal.
Engineer, City Engineer, Pasadena.
Owners, City of Pasadena. Plans are
now being prepared for a reinforced
concrete bridge over the Arroyo Seco
at California street. The structure
will be 379 feet long with a 25 foot
driveway and two five foot sidewalks.
There will be five spans. An ornamental
system of electric lighting will
be installed. Plans and specifications
and full particulars can be secured
from the City Engineer at Pasadena.
Further mention of the work will be
made in these columns when figures
are called.

BOX FACTORY—4 story and base,
brick and steel. Cost not stated. Los
Angeles, Cal. Architect, J. Martyn
Haenke, Story Bldg., L. A. Owners,
Renshaw-Jones and Sutton. The building
will be erected at the corner of
9th and Alameda streets covering an
area of 120 by 165 feet. Besides the
factory the building will house the
general offices. Interior finish will be
of pine. There will be steam heat
and power, metal window sash and
frames and fireproof doors. An auto-
matic sprinkler system will also be in-
stalled. Exterior of the building will
be faced with pressed brick. Plans are
being prepared.

SCHOOL—2 story and base, rein-
forced concrete, \$60,000. Santa Paula,
Ventura Co., Cal. Architects, Allison &
Allison, Hilberman Bldg., L. A. Own-
ers, City of Santa Paula. The building
will cover an area of 55 by 173 feet
and will contain sixteen class rooms
besides a large auditorium, principal's
offices and teachers' rooms. The audi-
torium will seat 600 people. The de-
sign is in the Mission style, exterior
of the building being faced with ce-
ment plaster and roof of clay tile. Con-
struction will be practically fireproof.
Plans provide for a central heating
system, maple floors and slate black-
boards. There will be a vacuum clean-
ing system and program clocks. Plans
are complete and figures are being
taken.

ORPHANS' HOME—1 2-story and 1
2-story and base, brick. Cost not stated.
Los Angeles, Cal. Architect, I. H.
Seehorn, 328 $\frac{1}{2}$ Clay street, L. A. Own-
ers, Missionary Sisters of the Sacred

Heart. These buildings will be erected
on Sunset Boulevard near North
Hill street and each will cover an area
of 60 by 100 feet. They will contain
the administrative offices, dining room,
kitchens, playrooms, chapel, class-
rooms, 22 bath rooms, dormitories, etc.
The buildings will be of fireproof con-
struction with brick exterior and bear-
ing walls, blue brick facing, reinforced
concrete floors and roof slab, floors,
hollow tile partitions, metal frames and
sash, fire escapes, 100 plumbing fixtures,
steam heat, electric wiring, water heat-
ers. Exterior will be faced with
pressed brick. Plans are being pre-
pared.

LOFTS—8 story and base, Class A
construction. Cost not stated. Los An-
geles, Cal. Architect, J. Martyn
Haenke, Story Bldg., L. A. Owner, E.
C. Collins. The property at the corner
of 12th street and Broadway will be
improved with an eight story struc-
ture. The first floor will contain stores
and upper floors will be arranged for
lofts. The building will cover an area
of 122 by 113 feet. There will be a
complete steel frame with exterior
walls of brick faced with pressed brick
and terra cotta. Interior partitions
will be of hollow tile and metal lath
and plaster. There will be steam heat,
elevator service and vacuum cleaning.
Patent store fronts, sidewalk doors and
light are specified. Plans are now be-
ing prepared. Further mention will
be made of the work as plans progress.

HARBOR WORK—\$1,147,400. En-
gineer Jubb, Los Angeles. Owners,
City of Los Angeles. Estimates of cost
submitted to the Harbor Commission
by Harbor Engineer Jubb show that
the cost of completing harbor improve-
ments on Mormon Island Channel in the
inner harbor, the Water street wharf
and harbor improvements on municipal
dock No. 1 in the outer harbor includ-
ing transit sheds, etc., and the con-
struction of an approach from Four-
teenth street to municipal dock No. 1,
will aggregate \$1,147,400. The esti-
mated cost of completing pier A, or the
improvements on the Mormon Island
Channel in the inner harbor is sum-
marized as follows: Street improve-
ments, including Fries to Front, \$28,-
000; water main from Fries street, \$8,-
000; Alta Planing Mill, extra for shed
and wharf changes, \$12,000; water slide
doors, \$7,800; 450-foot wharf extension,
\$20,000; 405-foot shed, including water
and lighting, \$51,600; railroad tracks,
\$11,000; 450-foot street extension, \$5,-
000; additional dredging, Slip No. 1,
\$25,000; total, \$178,000. Water street
wharf estimate follows: Shed, 100x
150 feet, \$51,000; sprinkler system, \$10,-
000; electrical system, \$2,000; water
mains, \$3,000; paving, \$25,000; railroad
tracks and trestle, \$9,000; total, \$100,-
000. Municipal Dock No. 1 estimates:
Street shed, 100x1800 feet, \$225,000;
sprinkler system, \$30,000; tank and
street mains, \$15,000; electrical layout,
\$7,000; equipment, \$15,000; paving shed
and wharf deck, \$30,000; street im-
provement, \$60,000; tracks, \$15,000; ad-
ministration and engineering, \$17,000;
total, \$411,000. Harbor Boulevard es-
timates: Timm's Point excavation,
\$98,000; Fourth street to Fourteenth
street, excavation, \$25,000; Palos Verdes
to Fourth, 145,000 yards at 30 cents,
\$43,500; Harbor Boulevard paving, 600,-
000 square yards, at 20 cents, \$120,000;
Timm's Point viaduct, 2000 feet, at \$75

\$150,000 moving library, grading, etc., \$13,000.

APARTMENT HOUSE—2 story and base, brick, \$17,000. Los Angeles, Cal. Architects, R. D. King and E. C. Taylor, Consolidated Realty Bldg., L. A. Owner, E. A. Sheddonly. The building will be erected on a site covering an area of 50 by 130 feet. First floor will contain three stores besides the entrance to the apartments. There will be 40 rooms divided into 14 suites on the second floor. Plans provided for steam heat and a hot water system. All suites will have well beds and private baths. Tile wainscot and composition floors will be used in the bathrooms. Interior finish will be of pine. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared. The work will be done by Day Labor.

CHURCH—1 story and base, brick. Cost not stated. Hollywood, Los Angeles Co., Cal. Architect, Frank T. Kegley, Consolidated Realty Bldg., L. A. Owners, Hollywood Presbyterian Church. The design is in the classic style. Main auditorium will have a seating capacity of 400 people and the lecture hall 250. Besides these rooms plans show a pastor's study and social rooms. There will be a central heating system, art glass windows and pine trim. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTEL—12 story and base, Class A construction, \$300,000. Los Angeles, Cal. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter. The building will be erected on the east side of Spring street between 2nd and 3 avenues covering an area of 60 by 153 feet. There will be two stores and the lobby on the first floor and a total of 245 guest rooms on the upper floors. Nearly all rooms will have private baths. Construction will be of the reinforced concrete type with exterior walls faced with pressed brick and terra cotta. Floors and roof slab will also be of reinforced concrete. Interior partitions will be of hollow tile. There will be steam heat, two elevators and a vacuum cleaning system. Plans are nearly complete and figures will be called for shortly.

ORIENTAL BUILDINGS—Frame construction, \$125,000. San Diego, Cal. Architect, Frederick Heinlein, Lissner Bldg., L. A. Owner, Oriental City Exhibit Co. The Oriental City exhibit at the San Diego Exposition will house exhibits from practically every country of the Orient. The project has been financed by Prince Hadji Tuhar, and work will begin early in the new year on the construction. The principal features of the group will be an Oriental and European cafe, an Algerian theater, and a large Hindoo temple, two stories high, with plaster and metal lath walls, cement foundation, and tile roofs. There will be a main entrance finished in marble and tile, and a large amount of hardwood finish.

FACTORY—6 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, none. Owners, F. O. Pfaffman and William F. Schiffel. These men have purchased a site covering a large area at the corner of Pico Boulevard and Featherston

avenue and will start construction of the first unit of a food products plant within three months. The first building will be but one story high and will cost about \$50,000. A large amount of special equipment will be required. Details of the project are being handled by The Merchants' Realty Co., Van Nuys Bldg., L. A. Further mention will be made of this work.

Contracts Awarded.

RESIDENCE—2 story, attic and base, hollow tile construction, \$75,000. Beverly Hills, Los Angeles Co., Cal. Architect, W. J. Dodd, 945 South Los Angeles street, L. A. Owner, J. M. Danziger, Contractor, Frank Hudson, Higgins Bldg., L. A. Contract price, \$75,000. Note—Subfigures are now being taken on electric work, plumbing fixtures and finish hardware.

CHURCH—1 story and base, frame and artificial stone, \$20,000. Los Angeles, Cal. Architect, W. H. Slack, 617 South Evergreen street, L. A. Owners, Euclid Heights Methodist Church. Contractor, W. H. Slack, 617 South Evergreen street, L. A. Contract price, \$20,000.

PORTLAND AND OREGON.

SCHOOL—2 story and base, brick, \$75,000. Corvallis, Oregon. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Corvallis School District. Only preliminary plans have been prepared and it has not been decided how many class rooms will be included in the building. Plans are being prepared so that the structure may be erected on the unit system, only one unit being completed this year. The entire project will include sixteen class rooms, auditorium and laboratories. Construction will be fireproof. Exterior of the building will be faced with pressed brick. Plans will include steam heat, program clocks and a vacuum cleaning system. Further mention will be made of the work as the plans progress.

DOCK AND BULKHEAD CONSTRUCTION—Cost not stated. Portland, Ore. Engineers, Harbor Commission, Portland. Owners, City of Portland. Plans and specifications for a bulkhead to be built in connection with Public Dock No. 1 at the foot of 15th and 17th Sts. are now being prepared in the office of the Public Dock Commission and will be completed within a few days, when bids will be called for. Plans are also completed for the proposed East Side Dock to be erected between E. Oak and Washington Sts. This will be similar in design to the dock now under construction on the West Side by the Lewis A. Hicks Co. It will be 525 feet long and will be of concrete and mill construction. Bids will be called for about January 16.

SEATTLE AND WASHINGTON.

HOTEL—4 story or more, Class A construction, \$150,000. Seattle, Wash. Architect, A. Wikstrom, Lyon Bldg., Seattle. Owners, Yesler Estate. The building will be erected at the corner of Yesler Way and Post street covering an area of 68 by 178 feet. Only preliminary plans have been prepared and details of the construction can not be given at this time. The first floor will contain stores besides the hotel lobby

and offices. The preliminary plans show a total of 100 guest rooms, the largest proportion of which will have private baths. There will be steam heat, elevator service and modern equipment throughout. Exterior of the building will be faced with pressed brick. Construction will be fireproof. Further mention of this work will be made as the plans progress.

LIBRARY—2 story and base, reinforced concrete, \$25,000. Olympia, Wash. Architects, Blackwell & Baker, Northern Bank Bldg., Seattle, associated with J. H. Wohleb, Talcott Bldg., Olympia. Owners, City of Olympia. A selection of the competitive plans presented has just been made. The building will be designed in the classic style and will contain two large reading rooms, children's room office and stack room. Construction will be fireproof. Interior will be finished in pine and hardwood. There will be steam heat, metal window sash and frames and a vacuum cleaning system. Exterior of the building will be faced with cement plaster and pressed brick. Working drawings are being prepared.

OFFICES—4 story and base, Class A construction, \$500,000. Seattle, Wash. Architect, William Kingsley, Empire Bldg., Seattle. Owners, Times Publishing Co. This work was reported in these columns over a year ago when it was first announced that the Seattle newspaper would build. The site at the intersection of Westlake, 4th and Stewart streets is now being cleared and the architect states that specifications are nearly complete for the new building. There will be a complete steel frame, reinforced concrete walls and floors. Interior partitions will be of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwood, marble and metal trim. Plans provide for steam heat, elevator service, mail chutes and a vacuum cleaning system. Metal window sash and frames and patent store fronts are also specified. Exterior of the building will be faced with pressed brick and terra cotta. Bids will be called for shortly.

Contracts Awarded.

BRIDGES—2 steel construction. Cost not stated. Tacoma, Wash. Engineer, A. R. Cook, Chief Engineer Northern Pacific R. Co., Tacoma. Owners, Northern Pacific R. Co. Contractor, Widell Co., Mankato, Minn. Contract price, 15th street bridge, \$150,000; 21st street bridge, \$100,000.

LAW AS THE FOUNDATION OF SUCCESS IN ANY BUSINESS OR PROFESSION.

Stripped of its technicalities, law is the theory and practice of human relations and human conduct. It is evident, therefore, that law concerns you because it governs and controls your business, your social, and your political life.

All the acts and undertakings of your life, whether in the conduct of your business, the regulation of your domestic affairs, the performance of your public duties, or your personal conduct as a member of your community, involve questions of law.

It is one of the peculiar anomalies of life in America, where the citizen assumes the responsibilities of government, that our educated classes devote



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valuable years to the study of Latin, Greek, and other classical subjects which have only an indirect value and remain in astounding ignorance of the simplest principles of American law, which directly and vitally affects them at every turn of their careers. This situation is due to the old idea of education, now rapidly being discarded, that it was an accomplishment, a matter of scholarly attainment, a mark of personal distinction, something for the gifted few, and had little to do with the practical, daily requirements of the many. While not depreciating the value of the classical studies, there is a general disposition today to recognize the immediate importance and practical value of an education comprising subjects found closer to the lives of the people.

Recent economic developments have emphasized the necessity and importance of a knowledge of law, and there never was a time in the history of the world when so many people were studying law for its business, social, political, and general advantages and benefits, without any intention of practicing law, as there are today.

It is a notable fact that the number of law students is greatly increasing each year—and statistics show that a larger percentage of the students attending the resident universities have no intention of practicing, but are taking law as one of the chief essentials of a liberal business education.

This is attributable to the fact that most of the students attending resident universities are sons of successful business men—men who have been handicapped in their struggles for success by an insufficient knowledge of law and who are determined to give their sons the advantage of the legal training which they lacked. They realize that whereas they managed to pick up a working knowledge of law through costly experiences, conditions have changed, and if their sons are to continue their successes, it is absolutely essential that they begin their business careers with a knowledge of law.

Why the Business Man Needs to Know Law.

The development of the modern corporation, accompanied by endless legislation for restriction and regulation, enacted by both federal and state governments, has brought about a condition epitomized in a phrase by J. P. Pierpont Morgan, who says: "The greatest risk in business is legal risk."

The pathways of commerce are strewn with wrecks of business enterprises which ran counter to the law.

Business sharps and crooked promoters have fattened on the legal ignorance of honest, successful business men. Many a partner has been ruined financially through not understanding the law of partnership. Millions of dollars are charged to Profit and Loss annually on account of ignorance of the law of credits and collections. Business expectations are shattered and fortunes dissipated everywhere because of invalid contracts. Trade advantages are sacrificed and heavy advertising investments lost, due to inact and inadequate knowledge of the law pertaining to patents, trademarks, copyrights and unfair competition.

Every live business man today realizes, as never before, the urgent necessity of having exact and reliable legal knowledge covering every phase of modern business, easily and instantly accessible without incurring heavy, constant expense for legal services. The great complexities of state and federal laws make this an imperative need in every business, large or small.

Every man is presumed to intend the legal consequences of whatever he voluntarily does. All his business transactions, therefore, comes within this rule and, since every business transaction is governed or controlled by some principle of law, it follows that no business can safely proceed unless guided by a thorough understanding of the principles of law.

Current business problems are so interwoven with legal problems that the study of law is today, as never, regarded as the best possible training for business. The hiring of labor, making of contracts, selling of goods, signing of notes, and all the common commercial transactions require a practical working knowledge of law. A smattering of legal knowledge, gained through experience and therefore promiscuous and unorganized, no longer suaves in an epoch when the ranks of business are so rapidly being filled with men of trained legal minds.

The business man, by reason of his mature mind, his experience, his knowledge of affairs is particularly adapted to understand law with facility when properly presented to profit in mental discipline and development, and to increase in general business efficiency by a study of law.

General Managers, Department Managers, Treasurers, Secretaries, Credit Men, Auditors, Sales Managers, Advertising Managers, Foremen, Superintendents, Chief Engineers, Architects—all men occupying important executive positions

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and all men wishing to increase their business ability - will find that the special course offered by the Business Men's Law College of San Francisco is well adapted to their needs and worthy of their most serious and immediate consideration.

Run over in your mind the big men in public life today - Wilson, Bryan, Roosevelt, Lodge, Hughes, Beveridge, LaFollette, Root, Taft, Gompers, Mitchell, Darrow, and host of others—all of these have studied law. Go back a little in our history and call over the names of those who have left their stamp upon the age in which they lived and have moulded the destiny of our nation—Alexander Hamilton, John Marshall, John C. Calhoun, Andrew Jackson, Daniel Webster, Henry Clay, Abraham Lincoln, James Garfield, William McKinley—these again all studied law.

Few, indeed, of these famous men ever had the good fortune to study in a resident university. Some of them picked up their knowledge of law by reading a few borrowed books after a hard day's work; some, while sweeping out a lawyer's office; some studied a short time in school and then had to finish their education as best they could while making a living; some graduated from the university of hard knocks; yet they all made good; they had ambition, the divine discontent, the determination to succeed. Have you?

LABORATORY ASSISTANT (MALE).

January 21-22, 1914.

The United States Civil Service Commission announces an open competitive examination for laboratory assistant, for men only, on January 21 and 22, 1914. From the register of eligibles resulting from this examination certification will be made to fill vacancies in this position in the Bureau of Standards, Department of Commerce, Washington, D. C., at salaries ranging from \$900 to \$1,200 a year, and vacancies as they may occur in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The Bureau of Standards is engaged in research and testing of weights and measures, standards, measuring instruments, and materials. The work is similar to that in the better class of industrial and scientific research laboratories. Experience has shown that the probability of appointment of qualified eligibles is excellent. Advancement is through a series of graded

positions to the grades of assistant physicist, associate physicist, and physicist. The Bureau possesses a valuable scientific and technical library in physics, chemistry, and engineering, and the facilities for its work are unexcelled.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

Subjects.	Weights.
1. General physics	25
2. French or German	10
3. Practical questions on each optional subject chosen	35
4. Education, training and experience	30
Total	100

Each applicant will be examined in as many of the optional subjects as he may desire, and must state in answer to question 1 of application Form 1312 the optional subjects in which he wishes to be examined.

Four hours will be allowed on subjects 1 and 2 combined, and 3½ hours on the practical questions in each optional subject. The particular time at which any optional subject may be taken can not be determined in advance, but generally one optional will be given each competitor on the first day after the completion of the French or German, and two on each succeeding day. The following are the optional subjects in which examinations will be given:

1. Electricity.
2. Heat.
3. Mechanics
4. Optics.
5. Paper technology.
6. Textile technology.

An educational training equivalent to graduation from a college or university of recognized standing or the fact that an applicant is a senior student in such an institution and expects to receive a degree within three months from the date of the examination, is a prerequisite for consideration for these positions. Certification of such senior students will be contingent upon their graduation within the time specified.

Competitors must attain a rating of at least 70 per cent on the practical questions in at least one of the optionals to be eligible for application. No optional subject will be considered if the rating received in it is less than 70. A separation will be established of the eligibles qualified in each optional subject.

Applications must have reached their twentieth but not their thirty-fifth birthday on the date of the examination.

Statements as to education, training, and experience will be accepted subject to verification.

No sample questions of this examination will be furnished.

Applicants may be examined at any place at which this examination is given, regardless of their place of residence; but under an act of Congress only those who are examined in the State or Territory in which they reside and who have been actually domiciled in such State or Territory for at least one year previous to the date of the examination, will be eligible for appointment in the apportioned service in Washington, D. C. Those who can not show such residence and domicile

will be eligible only for appointment in the field service with headquarters outside of Washington, D. C., applicants endeavoring to meet the requirements as to residence and domicile which have been mentioned, in order that they may also be eligible for appointment to such positions.

This examination is open to all men who are citizens of the United States and who meet the requirements.

Persons who meet the requirements and desire this examination should at once apply for application Form 1312 to the United States Civil Service Commission, Washington, D. C.

WORLD'S HIGHEST CONCRETE BRIDGE.

The highest concrete bridge of which there is record in the annals of engineering and the largest of its kind in point of volume of masonry—the great Tunkhannock double-track viaduct for the Delaware, Lackawanna and Western Railroad—is beginning to take shape across the valley of Tunkhannock creek, near Nicholson, Pa.

The structure, a link in the forty-three-mile relocation between Scranton, Pa., and Elmira, N. Y. is 309 feet high from parapet to foundation, 2½ feet above the surface of the creek, and has a length of 2230 feet. It will consist of twelve arches—ten of 180-foot span and two of 100-foot span—and will contain about 169,000 cubic yards of concrete masonry. Construction of the main piers has been progressing rapidly and the work of placing concrete for the arch spans is under way. The excavations have been carried in open cuttings through sand, gravel and boulders to a depth of sixty feet below ground-water level.—Engineering Record.

FINDS IN MEXICO TREASURES FROM VANISHED CENTURIES.

Because of vast unknown treasures that Professor Herbert E. Bolton of the University of California has discovered in the archives of state and church in Mexico, the history will now need to be rewritten of all the Southwest—from California to Louisiana.

The keys to these historical treasure-houses are now made ready to the hand of any scholar through the publication by the Carnegie Institution of Washington of a "Guide to Materials for the History of the United States in the Principal Archives of Mexico." In this volume of 353 pages Professor Bolton tells of the extraordinary wealth of unknown manuscripts, recording the romantic history of the Spaniards in North America, which he has brought to light through a dozen years of exploration in the Mexican archives.

It will take lifetime of work of hundreds of historians to make adequate use of the historical riches. Professor Bolton has opened to the world. His pioneer work of discovery of sources in regard to the most important contribution made to the history of Western America since H. H. Bancroft's monumental task of gathering the Bancroft Library that vast accumulation of printed and manuscript material for Pacific coast and western American history when some years ago became the property of the University of California, and ever since has been

busily mined in by scores of graduate students and other historical investigators with fifty years' work still ahead.

The publication of Professor Bolton's survey of the Mexican archives as a source of American History is part of the great task which the endowed Carnegie Institution has undertaken of publishing similar guides for the archives of all the nations with which the United States has had intimate relations. Too long say the historical experts, has American history been written from a provincial point of view, and purely from American records. Now the records of neighboring nations are being searched, that the "other fellow's story" may be harkened to.

Particularly is this important for California and the Southwest. California history and western history in general cannot be understood without knowledge of the Spanish civilization on which the later times have builded. English-speaking occupation of California and all the Southwestern United States is only a matter of yesterday, while the sixteenth, the seventeenth, and eighteenth centuries, and much of the nineteenth, saw Spanish institutions everywhere. In architecture, in land matters, in Indian affairs, in agriculture, in use of words and place names, in legal institutions, in traditions, and in ways of life, the whole Southwest of today is profoundly influenced by its Spanish inheritance. The history of Texas, like that of California, the history of Arizona, like that of New Mexico, must be interpreted through understanding of the Spanish centuries. And since Spaniard and Anglo-Saxon faced each other across a wavering western frontier for a century, the whole history of western expansion necessitates Mexican evidences for its honest interpretation.

The highest officials of church and state in Mexico gave aid to Professor Bolton in his search for documents that would open up the past to men's gaze. From President Diaz to the guardians of the archives in provincial capitals, from the Apostolic Delegate for Mexico and the Archbishops to the parish priests in distant villages, the authorities gave hospitable and courteous aid to the American scholar.

It was an exciting quest that Professor Bolton pursued in Mexico, with the zest of expectation that each new bundle of papers drawn forth from some dark corner might contain a pioneer's narrative of events before only obscurely understood, a governor's official report of the establishment of a city, a mission father's careful account of the language and the customs of some native people now vanished from the earth.

There was the joy of the discovery of long lost buried treasure. At the College of the Holy Cross, for a single instance, founded in 1683 at Queretaro, on the site of a monastery then abandoned, Professor Bolton was told that the archives had long since disappeared. In the troublous times when Maximilian and the French invaded Mexico, but the few priests remaining of the order must have established their own little community, the stranger went to their gates and gave him free leave to search. Then an aged, very known remembered an old trunk in the east of

drawers somewhere in an attic. There, inches deep in dust, Professor Bolton found the annual reports for a hundred years of missions scattered far and wide over the Southwest, for it was from the College of the Holy Cross that the young apostles had been sent out to explore and Christianize the northern provinces of New Spain, from Texas to California.

This book of Professor Bolton's is not for popular consumption. It is not something to sit down and read for an account of Mexican-American history, but a vast mass of information as to the whereabouts and nature of the scores of thousands of documents recording the history of the Southwest which Professor Bolton has discovered in scores of different national, state, municipal, and ecclesiastical repositories in Mexico.

He is a pioneer blazing a trail into a vast forest. Generations of historians to come will follow his footsteps, and through long years of toil will make available for the world's knowledge the treasures whose existence he has revealed.

REPRODUCTION OF YELLOWSTONE AMONG THE WONDERS OF THE EXPOSITION.

SAN FRANCISCO, CAL., Dec. 26th.—"A million dollar Impression of Nature's millionaire wonders of the Yellowstone," is Frederic Thompson's delineation of the great Yellowstone Park concession just granted the Union Pacific System by the Committee on Concessions and Admissions of the Panama-Pacific International Exposition.

That the reproduction of the famous Government Park on a scale commensurate with the Exposition requires the skill of a genius, is evidenced by the preparations for this stupendous attraction.

Mr. Thompson, the originator of Luna Park on Coney Island, The New York Hippodrome, "Toyland" at the Exposition, and a score or more wonderful attractions, wrote the scenario and designed the new Yellowstone Park spectacle.

The Union Pacific System has secured a space 150x610 feet and the artificial production of one of Nature's wonders will be worthy of that railroad. The Yellowstone Park concession is to be located at the Van Ness Avenue entrance to the concession district. In conjunction with the Geyserland Spectatorium and Great Falls, Old Faithful Inn will be reproduced on an eminence three hundred feet high and overlooking the famous Valley. This will not be a hotel, but an immense restaurant, private dining rooms and quarters for a club house for the Union Pacific System.

A preliminary study for the plans of the Inside Inn, the greatest hostelry that will be maintained within the walls of the Panama-Pacific International Exposition, has been made by Architect Edward T. Foulkes of San Francisco, who has designed a stately structure ample for the accommodation of about twenty-five hundred persons. It will surmount a terrace beneath which is to be a band stand. The terrace and its approaches are the design of E. F. Champney of the Exposition's Department of Architecture. The curbs have been installed

throughout the big district of the Exposition grounds assigned to the pavilions of the foreign nations and States of the American Union. The roadways are nearly completed and are being smoothed and pressed by big steamrollers. The road beds are of crushed rock, a part of the general scheme of color of the Exposition.

Eight, out of the eleven main exhibit palaces are roofed and walled to a greater or less degree. The Palace of Machinery is completely roofed, and walled and is now receiving the finishing touches of its stucco covering and other details. The Palaces of Mines and Metallurgy, Varied Industries, Manufactures, Liberal Arts, Education, Food Products, and Agriculture, are in various stages of roofing and walling, and are receiving their stucco covering.

The steel frames of the Palace of Fine Arts are now being fabricated in the East and will begin to arrive in this city by January 15th next. The foundation and flooring of the Palace are being laid at the present time. The Palace of Fine Arts will be a fireproof Class "A" structure, its body built of steel and concrete. It will be temporary with a wooden foundation, as it must be removed at the close of the Exposition as its site is upon the United States Military Reservation.

The first frame of the Palace of Transportation has been erected and the flooring for this building has been completed. The total cost of the Palace of Transportation will be \$481,677 making the most costly of the eleven exhibit palaces except the fireproof Palace of Fine Arts (\$580,000) and the great Palace of Machinery (\$659,665). Its floor area is 314,000 square feet.

The dictaphone has been installed as the official dictating machine of the Panama-Pacific International Exposition. A contract has just been entered between the Exposition Company and the Columbia Graphophone Company whereby the latter are to completely furnish the different divisions of the Exposition with dictaphones.

Many of them have arrived and the stenographers are rapidly learning to operate them. The dictaphone in use in the Exposition offices is the latest model, and it is being used to advantage.

It is planned to secure for permanent record, speeches delivered by Commissioners and distinguished visitors to the Exposition. This will be done by having them dictate their speeches or messages on a cylinder, which will be kept, and later made a part of the Columbia Graphophone Company's exhibit at the Exposition.

W. S. Gray, Pacific Coast Manager of the Columbia Graphophone Company, declares that the exhibit of the graphophones and dictaphones in the Palace of Liberal Arts will be a remarkable one. It is their plan to have an exhibit that will show the whole process of making the machines and records.

PATENT ALLOWED ON BRICK CLEANING INVENTION.

MacRae Bros., Empire Bldg., Seattle, have received notice from the patent office at Washington, D. C., that their claim for patent on a brick cleaning machine invented by them, has been examined and allowed.

The machine is simple in mechanism and can be used by from 1 to 6 men, according to the size of the job. Each corundum wheel which operates on a shaft, which can be lengthened or shortened, according to the number of men working, will clean about 7,000 brick per day in comparison to about 2,500 brick, the capacity of a good hand brick cleaner.

The cement and mortar which is removed by the grinding wheels, leaving a perfectly clean brick, is taken up by a suction fan which draws it into a reservoir where a fine spray reduces it to a thin slush and is carried off through the bottom of the apparatus. A 10-h. p. motor will operate a 3 man machine.

OIL PROSPECTS ON QUENULT RESERVATION.

United States Geological Survey Makes Investigation of Petroleum and Natural Gas Possibilities on Indian Lands.

Consistently watching over the interests of its wards, the Quenult Indians of Washington, the Government has just completed a field examination of the oil and gas prospects on the Pacific Slope of the Olympic Peninsula. The investigation, which was a reconnaissance, was made by the United States Geological Survey in behalf of the Office of Indian Affairs, and in view of the necessary delay incident to the preparation and printing of even a brief report and maps, the Geological Survey has immediately issued a short advance statement regarding the surface indications of oil and gas noted by the geologist who examined the region. The report itself, which will be published within a few months, is being prepared by the Survey for the Indian Office and will contain all the information obtained during the examination of the Quenult Indian Reservation and the adjacent lands having reference to the presence of oil or gas.

The Survey geologist who made the examination, C. T. Lupton, collected samples of oil at only two prospects, and analyses of these samples by the Survey show a paraffin oil of very high grade. Mr. Lupton found some drilling in progress, but no oil has yet been struck in commercial quantities. Gas vents were also noted and several anticlines which may serve as reservoirs for oil and gas. These will be described in Mr. Lupton's printed report, to be issued later. The indications are stated to justify a reasonable expectation that petroleum and natural gas may be present in paying quantities, but their existence in this locality can be proved only by drilling.

SACRAMENTO'S WATER SUPPLY.

Shows Large Profit and Lowest Rates.

By Edward P. E. Troy.

Sacramento has always owned its water system, commencing in 1854. In the beginning, the water was pure and clear; but farming, mines and towns situated on the stream have polluted the water. Today it is disagreeable in appearance, and dangerous to drink. This water can be purified at a low cost, and thus give Sacramento the

softest and best water in California for domestic and manufacturing purposes.

The United States Census has shown more deaths from typhoid in Sacramento and Fresno than elsewhere in California. Pure water would remove this cause from Sacramento's vital statistics; it would save the lives of hundreds of children, as resulted in 1904 from the use of the pure Bull Run water. Sacramento has grown in spite of its bad water and poor street-car service.

A committee of patriotic citizens, thirteen years ago, after a careful investigation, recommended the purifying of the present supply. Three years ago, Engineer Hyde made the same recommendation, after studying all other sources. For more than twenty years corrupt banking interests have succeeded in preventing the improvement of this water, and used every endeavor to get control of it.

Sacramento has reached the limit of its pumping plant. Fire and Water Engineering of last September publishes the valuable report of Chief Engineer Ehret. It shows that August 16 last 18,885,850 gallons were pumped, and says that during that month it was impossible to keep the fire pressure of sixty pounds on the mains during irrigation hours.

The mains are now to be extended to annexed districts, adding 30,000 consumers to the system. This will cause an average demand for 23,100,000 gallons daily or 22 per cent more than the capacity of the works. The day of highest demand will call for 28,900,000 gallons, or 53 per cent more than the pumping capacity. There is grave danger of a shortage of water in Sacramento this summer.

The plant is economically conducted, and its charge for water are the lowest in the State. The unpublished report of the City Auditor shows receipts for 1912 of \$175,851.53. Chief Engineer Ehret's report shows total expenses of \$59,030.37, leaving a profit of \$116,821, or 66.4 per cent of the receipts. The profit for the past fifteen years exceeds \$1,000,000. Evidence of the ability and efficiency of Engineer Ehret's management may be found in the plant pumping nearly one billion more gallons of water last year than in 1909, and yet the cost of operation was \$9,000 less than four years ago. Even the consumption of fuel oil was twenty per cent less than in 1909.

The pumping of 308 gallons per capita per day shows excessive waste of water. The mud and grit in it cuts the valves of faucets, causing them to leak continually. In other valley towns the consumption averages 150 gallons. In San Francisco it is but 80 gallons. A purification plant can be provided at a cost of less than \$700,000. Its maintenance, operation, interest and other charges can easily be paid out of the present profit of the plant, so the rates need not be increased.

If Sacramento does not solve its water question in the near future a new city, using filtered, purified river water, may grow up on the west bank of the Sacramento River that will soon equal it in population. Now, progressive towns have eclipsed backward cities frequently in our country, as well as in the old world.

PRESIDENT TO PRESENT CUP FOR 1915 YACHT RACE.

SAN FRANCISCO, Calif., Dec. 12th.—President Woodrow Wilson has notified the Exposition that he will give a cup for the twelve meter International Yacht Race to be held on San Francisco Bay in April 1915. Two entries have been received thus far for the event. Sir Lipton having declared his intention to compete and a syndicate of local yachtsmen headed by Thomas L. Miller, President of the West Coast Life Insurance Company. Other entries are looked for, from not only European countries, but from all over the United States. The twelve meter boat is to be built under the International rules.

Visitors attending the Panama-Pacific International Exposition in 1915 will not be charged excessive prices for their meals, if the San Francisco Restaurants Men's Association can prevent it. This Association has gone on record as being opposed to exorbitant charges at any time, and particularly during the Exposition period.

In the preamble to its constitution, recently adopted, the Association announces, among other beneficent purposes of its organization, that it is formed "to promote the civic and commercial welfare of the City and County of San Francisco by making adequate provisions for the reception for the many visitors incident to the Panama Pacific International Exposition, and to use every means to prevent the charging of exorbitant prices by restaurants and cafes during the holding of the Panama-Pacific International Exposition in 1915, and to prevent as far as possible unjust and unreasonable charges for services and food."

The Association declares that it will "do all things within its power to aid in the movement looking toward the lowering of the cost of living. The leading restaurants and cafes of San Francisco are included in the Association, and they do not wish to be included among those who may anticipate killing the goose that lays the golden egg in 1915.

One of the most interesting of the numerous engineering novelties that will be included in the equipment of the Panama-Pacific International Exposition in 1915 will be the new nitrogen-filled electric lamp, developed by Dr. Irving Langmuir of the research laboratory of the General Electric Company at Schenectady, New York. This lamp will be used for the first time in general useful practice, in the standard lighting in all the small courts of the Exposition, and throughout the Court of the Sun and Stars, including the fountains in that great Central Court. The lamps will vary in candle power between 1525 and 2500 and there may be a few as high as 5000 candle power.

The bulbs of the lamps are filled with nitrogen, to increase their efficiency. For years, efforts have been made earnestly to produce lamps of greater efficiency than the ordinary tungsten lamps. For a long time it was found impracticable to improve the lamps much more than ten to twenty per cent, in life by various means, corresponding to a possible improvement in efficiency of only a few hundredths of a watt per candle. The melting of the filament of the tungsten lamp prevented any increase in efficiency more

than 0.2 of a watt per candle, for beyond that figure the bulb blackened.

Work is progressing rapidly upon the Palace of Fine Arts at the Panama-Pacific International Exposition. This will be the only one of the main exhibit palaces that will be wholly fire-proof, its material being steel and concrete, to prevent the destruction of the priceless art treasures it will contain. The foundation, however, will be of wood, and large quantities of this lumber are now arriving at the Palace's site by train over the Exposition's own standard gauge railway tracks, which lead from the ferry slips and docks directly into the exhibit palaces.

The convenience of this railway is appreciated everywhere on the Exposition grounds, but nowhere more, at present than about the Palace of Fine Arts, which is the westernmost of the main exhibit palaces, being located at the Presidio military reservation, the land of which was loaned by the Government to the Exposition. Its steel frames are being fabricated in the East.

CALIFORNIA'S RANK AS A MINERAL PRODUCER.

California, first among the states west of the Mississippi and fifth among all the states in the total value of its mineral production, rests its principal claim to distinction as a mineral producer on its output of petroleum. In this it leads all the other states, as does Pennsylvania in the production of coal. The total value of the mineral production in 1912, according to Edward J. Parker of the United States Geological Survey, was \$92,837,371, an increase of \$2,146,730 over 1911.

In the quantity of petroleum produced California is credited with nearly 10 per cent of the total output of the United States. The gold produced in California holds second place in the mineral production of the State, and first place among the states. Petroleum and gold represent about 42 and 23 per cent respectively of California's mineral output.

Next to gold, the principal metal product of California is copper, the production of which decreased from 36,216,126 pounds in 1911 to 33,451,672 pounds in 1912, but the value increased from \$1,539,517 to \$5,519,526.

In addition to being first in the production of petroleum and gold, California is also the premier producing State in asphalt and quicksilver and enjoys a monopoly in the production of borax and magnesite, the combined value of these substances being over \$2,000,000. The other mineral products of commercial importance in California are:omite, coal, feldspar, fuller's earth, gem materials, gypsum, infusorial earth, iron ore, lime, manganese ore, mineral paints, mineral waters, natron, pumice, pyrite, quartz (abrasive), salt, sand and gravel, sandstone, silex, sulphuric acid, talc and tungsten (concentrates).

PACIFIC COAST'S GREATEST MINERAL STATES.

Pennsylvania, Ohio, Illinois and West Virginia are credited with over 50 per cent of the total mineral production of the United States. Pennsylvania outranks all other States, producing nearly 25 per cent of the total. West Virginia comes second, Ill-

nois third, and Ohio fourth. California, with no standing as a producer of pig iron, iron ore, or coal, stands fifth in rank among the States, owing to its heavy production of gold and petroleum.

SEARCH FOR POTASH DEPOSITS.

Field work undertaken by the United States Geological Survey in the search of potash has heretofore been largely of an exploratory character, according to the annual report of the Director recently made to Secretary Lane, but during the last year important principles have been established which will be of material assistance in future work. During the year a number of shallow drill holes were sunk in some of the prehistoric lake basins in Nevada and California, and a careful study was made of some of these lakes. Some of these experiments are yielding significant and perhaps important results. When areas that may prove to be of value as sources of potash are discovered, the public land included in such areas is withdrawn from entry until its value for potash can be demonstrated or disproved. As a result of the Survey's reconnaissance examinations in California and Nevada, 133,829 acres have been included in potash withdrawals.

HASTE URGED ON BUILDING.

The Portland Chamber of Commerce is sending to civic organizations in all parts of the United States copies of a resolution passed by it urging that pressure be brought to bear on Congress to hasten work on 734 Federal building projects held up by the rush of work in the office of the supervising architect of the Treasury Department, the appropriations for which were passed by Congress years ago. The resolution mentions the fact that the Treasury Department is trying to hasten action in a bill before Congress providing for more help in the architect's department. Astoria, Roseburg, The Dallas and other cities of Oregon are among the number waiting for postoffices. The Portland postoffice bill carries a special clause allowing employment of outside architects.

FOREIGN TRADE OPPORTUNITIES.

[Where addresses are omitted they may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

CORRESPONDENCE WITH CONSULS.

The suggestion is made that all communications to consular officers be addressed

The American Consul,

At _____,

the name of the officer not being given. Any communication so addressed will be opened and attended to by the person who happens to be in charge of the office. If addressed to the consul by name, it might be forwarded to him unopened, should he be absent, and delay would thus result.

Consuls are requested to contribute to this department, and in doing so should in each instance state in what

language correspondence should be conducted.

No. 12066. Machinery and allied lines.

A firm of agents and merchants in the United Kingdom informs an American consulate that it is desirous of obtaining agencies for American manufacturers of machinery and allied lines, who are not at present represented in the region in which the firm does business.

No. 12067. Bee keepers' supplies.—A report from an American consul in Ireland states that a local business firm desires to be put in touch with American manufacturers of bee keepers' supplies. Bee sections are specially mentioned, and the firm wishes quotations submitted for delivery and also f. o. b. New York or Boston.

No. 12068. Leather.—An import agent in a European country, dealing in leather, informs an American consular officer that he would like to hear from American manufacturers of leather, especially glazed kid, who are not at present represented in the country in question. Correspondence may be in English, and quotations, which should be for goods f. o. b. New York, Newport News, or Galveston, may be in American money. The inquirer furnishes bank references.

No. 12072. Lead and iron pipes.—An American consul in Italy reports that a local firm is desirous of receiving catalogues and price lists from American manufacturers of lead and iron pipes; for the smaller sizes samples would be welcomed. The buyer at present is importing from England, France and Continental Italy, paying cash on delivery of goods, for which a discount of 2 to 3 per cent is allowed. Correspondence may be in English, and prices should be quoted if possible, f. o. b. an Italian port.

No. 12073. Railway construction and supplies.—An American consul reports that the construction of a railway is shortly to be undertaken by a foreign Government. It is estimated that about \$10,000,000 United States currency will be needed for the completion of the road. It may be possible for American firms to secure orders for a share of the materials needed in the construction of this line. Copy of the complete report may be obtained from the Bureau of Foreign and Domestic Commerce.

No. 12055. Cranes.—The Swansea Harbor Trustees, Swansea, Wales, invite tenders for the supply, delivery, and erection in situ complete of three portable hydraulic or alternatively electric cranes, with fixed jibs, and also three portable hydraulic or alternatively electric cranes, with jibs fitted with compensating luffing gear. Instructions to bidders, contract, specifications, and conditions may be obtained upon application to the harbor board.

No. 12063. Locomotives.—The American consul at Lourenco Marques, Southeast Africa, reports that the Direccao do Porto e dos Caminhos de Ferro de Lourenco Marques desires tenders for the supply of three heavy-goods locomotives. Copies of the conditions under which these locomotives must be supplied accompanied the report and may be obtained from the Bureau of Foreign and Domestic Commerce. All proposals must be submitted by January 23, 1914.

No. 12064. Automobiles.—An Ameri-

can consular officer in a European country reports that the proprietor of an automobile agency in his district would like to secure the agency of a good American automobile firm not now represented in the country in question. The inquirer has been established in business since 1905 and is said to possess a very important establishment.

No. 12065. Lamps, bolts and nuts, cake mixers, and wringers.—An American consul in England writes that a local trade paper in a recent issue contained inquiries for the names of American manufacturers of angle cake mixers, and wringers. Communications should be addressed to the publishers of this journal.

lamps, bright galvanized bolts and nuts,

No. 12236. Refrigerating plants.—An engineering and supply company in Canada, which furnishes references, informs an American consular officer that it desires to be put in touch with American manufacturers of refrigerating plants suitable for dairies, butcher shops, hotels, apartments, and domestic purposes. This company states that it has received numerous inquiries for plants of this kind.

SANITARY PLUMBING DEVICE.

A New Invention and a Modern Improvement.

So great has grown the demand for the most modern Sanitary device, known as the "Forster" Sanitary Water Closet Waste Connections, that the Forster Bros. Mfg. Co. are now increasing their supply of fittings as the large number of orders already received points to an overwhelming demand for 1914.

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CALIFORNIA'S HIGH MOUNTAINS.

The State of California has 70 named mountain peaks and 60 or more unnamed mountains, a total of at least 130, whose altitudes are greater than 13,000 feet above sea level. Twelve of these are 14,000 feet or more high. The highest is Mount Whitney, which is also the highest peak in the United States, with an elevation of 14,501 feet. Mount Williamson is the next highest, 14,384 feet. The elevation of Mount Shasta, probably the third highest peak in the State, has not been determined exactly, but it is generally credited with being about 14,380 feet high. Other mountains attaining more than 14,000 feet are South Peak of White Mountain, North Palisade Mountain, Mount Russell, Split Mountain, Middle Palisade Mountain, Mount Langley, Mount Muir, Mount Tyndall, and Mount Barnard.

REMOVAL NOTICE.

THE FIRESTONE & ROOFING CO. have moved their offices from the Mutual Bank Bldg. to 971 Howard street, between 5th and 6th streets. Their factory is also located at this address.

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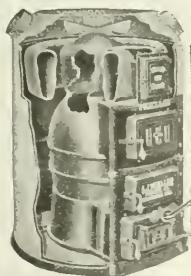
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Vulcan Iron Wks.
West Coast Wire
& Iron Works

Western Iron
Works

Zenth Iron Wks.

**Joint Hangers &
Kirk Cap.**
Mfg. Co.

Lilley & Thurst-
on Co.
Romero Co., C.
Waterhouse &
Price Co.

**Lathes, Wood &
Metal.**
Balzke, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
MacBee, E. T.
Raymond, Wm. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster
Bird Dealers.

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell Lime &
Cement Co.

Guerlin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.

Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.

Columbia Lumber
Co.
Doe Co., Frank F.

Hardy Lumber Co.
Hart-Wood Lum-
ber Co.

Hauptman Lum-
ber Co.
Krause, J. H.

Hooper Lumber Co.
Jurgins Lumber
Co., J. E.

Loop Lumber Co.
MacDonald Lum-
ber Co.

Moore Mill and
Lumber Co.
Olson - Mahony
Lumber Co.

Peterson, E. T.
Pope & Talbot &
Lumber Co.

Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.

Santa Fe Lumber
Co.
S. F. Lumber Co.

Schoulen & Co., J.
W.

Sunset Lumber Co.
Tierman & Beronio
Van Arsdale-Har-
ris Lumber Co.

Wilson Bros. Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.

Yates, Wm. F.

**Magnesian Floor-
ing.**
Artolith Mfg. Co.

Bender R.&F. Co.
Dwight & Co., J. E.
Fibrestone &
Roofing Co.

Flaherty R.&P. Co.
F. H.
Goodmannson, A. K.

Malott & Peter-
son
Watsonite Co.

**Mantels, Tiles &
Grates.**
Ginsberg Bros.

Kirwan & Dono-
van
Mangrum & Otter

Peerless Agencies
Co.
Pickey, Thos. F.

Watson Mantel &
Tile Co.

**Marble and Mosaic
Work.**
Guecco, M. H.

Grassi & Co., P.
Mission Concrete
& Mosaic Wks.

Mission Marble
Works.
Musto Sons-Keen-
nan Co.

New Era Marble
& Concrete Co.
Vermont Marble
Co.

Metal Lath.
Atlantic Fire-
proofing Co.

Reger Mfg. Co.
Holloway Metal
Lath Company.

Lilley & Thurston
Co.

Roehlings Sons
Co., John A.

Waterhouse &
Price
Western Builders'
Supply Co.

Metal Stamping.
S. F. Metal Stamp-
ing & Corr. Co.

Oils and Greases.
Hatch, J. G.
Standard Oil Co.

**Ornamental Plas-
tering.**
Benkman, Ed. G.

Hinner, Theodore
Larson, D. F.
Lipp & Co., J. P.

**Painters and Deco-
rators.**
Baker Co., W. T.

Bernstein, Wm.
Blum, Louis
Brook & James

Burns Bros.
Clark & Dickson
Cramer Bros.

Connor, E. J.
Hardy, T. W.
Lahl, T. H.

Donovan, V. J.
Erickson, Wm.
Hansen, Elbing A.

Leahy, J. P.
Miller, L.
Miller, J. A.

McCubbin, James
Maun, John
Neal, L. J.

Quandt & Son
Ruderman, I.
Salsbury, Ben.

Schaefer, Wm.
Simon Neilson Co.
Smith, J. S.

Sovig, C. B.
Reinhold & Sons,
John H.

Swanson, Peter
Walker, Mayer
Wagner, Fred

Wagner Bros.
Zelinsky, R.

**Paints, Oils Varn-
ishes, Etc.**
Clark & Dickson

Cohn & Co., Mar-
ion D.
Fuller Co., W. P.

O'Brien, S.
Paraffine Paint Co.
Pratt & Lambert

Whittier - Coburn
Co.

Patent Chimneys.
Clawson Co., L. E.

Dresser - McDon-
Hughes, H. J.
Dunlevy & Gitt-
le

Pile Driving.
Lamburth, C. E.

Planing Mills.
Anderson Bros.
Atlas Planing
Mills

Birch Co., L. H.
Builders' Supply
Depot

Cal. Door Co.
Cal. Planing Mill.
Emanuel, A. & E.
(Inc.)

Empire Planing
Herrmann, A.
Herring's Mill

Holden - Deuprey
Lorden Mill Co.,
J. P.

Main St. Planing
Moore Mill & Lum-
ber Co.

Premus Planing
Mill
Reinhart Lumber
& Planing Mill

Ryan, George
San Mateo Plan-
ing Mill

Santa Clara Val-
ley Mill & Lum-
ber Co.

Spencer St. Plan-
ing Mill
Taylor & Co.

Usuna Mfg. Co.
Western Planing
Co.

Veyhle & Collins
Yates, Wm. F.

Plasterers.
Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas. J.
Cannon, Chas.
Cashman, M. J.

Chaimers, H. A.
(Inc.)
Fay, John

Gibson, J. H.
Connell Co., J. E.
Daly, J. H.

Duthie, Chas.
Fraser, Simon
Fry, A.

Gilmour, W. G.
Jacobson, J. J.
Knowles, A.

Leaf & Kaiser
Lyden & Bickel
Madden & Co.

Mowat, Donald
Orford, J. A.
Phillips, J. J.

Sexton, T. D.
Terranova, J. J.
The Pacific Plas-
tering Co.

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**Plumbing and Gas
Fitting.**
Ahlbach & Mayer

Alton, Thom. W.
Boscos Bros.
Bernard, Geo. F.

Condon & Band
Dunn, Neil H.
Empire Plumbing
Co.

Goss, Wm. P.
Grondona, A.
Houston, J. J.

Karr, F. E.
Klernan & O'Brien
Kirschbaum, W. F.

Laucier, H. L.
Lawson, Herman
Lettich Bros.

Levy Plumbing
Co., M. C.

Looney Co., M.
May, Gus
McEnhill, Leo. J.

McLeod, J. J.
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Perazzi, H. J.

Skelly, Thomas
Shears, John
Snook & Co.,
Fred W.

Stewart, James E.
Turner Co., The
Wetzel, Theo.

Wilson & Co. Wm.

Plumbers Supplies
Mark-Lally Co.
Nelson Mfg. Co.

**Railroad Agent,
Freight & Pas-
senger.**
Kent, James B.

Railway Materials
Langford, Felts &
Myers.

Orestein - Ar-
thur Koppel Co.

Ribbing.
Lamburth, C. E.
Markley, James E.

**Roofing, Gravel &
Composition.**
Bender Roofing &
Paving Co.

Cal. Roofing Co.
Canty & Co., J. H.
Enterprise Roof-
ing Co.

Fibresone &
Roofing Co.
Flaherty, R. H.

Goodmannson, A. K.
Larkin Asphalt
Co.

Lawson Roofing
Co.
Lovett Bros.

Malott & Peterson
Parr & Co., H. M.
Raphel Roofing
Co.

Samuel Co., H. D.
Thibbets Roofing
Co.

Watsonite Co.
Western Asbestos
Works

Western Felt and
Refining Co.

**Roofing (Slate &
Tile).**
Graham, R. G.
White, Ed. A.

Roofing Materials.
Bridg & Son, F. V.
Johns & Manville
Co., H. W.

Paraffine Paint Co.
Waterhouse &
Price

Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.

Whittier - Coburn
Co.

Sand, Gravel, Etc.
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Cal. Building Ma-
terial Co.

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MacMullin Bros.
Stone Co., E. B. &
A. L.

Western Building
Material Co.
Western Develop-
ment Syndicate.

**Sanitary Garbage
Chutes.**
Bill & Jacobsen

Sand Blasting.
Meidermott, W.

Sheet Metal Wks.
Appman Corncie
Works

Atlas Heating &
Ventilating Wks.
Barth Corncie
Works

Capitol Sheet
Metal Works
Conyns & Nygren
Crown Corncie
Works

Farmer Corncie
Works
G. & M. Sheet
Metal Works

Gaffney Corncie
Hibner Sheet
Metal Works
Hughes, H. J.

Hurabelle Bros.
Ideal Corncie Wks.
Korrell & Co., J. A.

Modern Sheet Metal
Works.
Morrison & Co.

S. P. Metal Stam-
ing & Corr. Co.
United Metal
Products Co.

Western Furnace
& Corncie Co.

Sidewalk Lights.
Jackson Co., P. H.
Dwan & Co., J. H.

McGulgan & Co.,
John
Phoenix Sidewalk
Light Co.

Waterhouse &
Price

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Boller, John

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Johnson, C. Wm.
Porter, W. F.

Stewart, J. K.

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Foster & Sirt
Wright, J. H.

Steel Bars.
Baker & Hamil-
ton

Dawson & Noyes
Woods & Hud-
dart

Steel Erector.
Sutler, Fred C.
Pioneer Con. Co.

Williams Con-
struction Co.

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Coningham and
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Kawner Mfg. Co.

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Works.
Western Iron Sup-
ply Co.

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Brode Iron Wks.
Dwer Bros.
Golden Gate Iron Works
S. A. Francisco Iron Works
Raislon Iron Wks
Vulcan Iron Works
Zenith Iron Wks.
Surveyors.
Morser, E. J.
Samborn & Corlison
Teaming & Grading.
Brantley, J. P.
Button, I. V.

Carlin Bros.
Devincenzi & Co., L.
Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
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Leffler, Fred
Loggen, Ernest
McGinnies & Monohan
Montague Co., P.
O'Dell Co., D.
Pico Edw. F.
Powers, Chas. J.
Sibley Teaming & Grading Co.
Schmidt, A.
Star Contracting Co.

Wright Co., J. H.
Tiling.
Ginsberg & Co., S.
Mangrum & Otterpeers Agency
Tile Mfg. Co.
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Bill & Jacobson
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Union Elce Co.
Harward, Kimball
Wall Beds.
Marshall - Stearns

Water Company.
Spring Valley Water Works.
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Simon, N. J.
Brickey, P. J.
Reigle & Jamelson
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
Progressive Window Cleaning
United Window Clean Co.
Windows, Patent.
Birt Co., L. H.
Simplex Window Co.

Door Openers.
Rischmuller, Geo.
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California Electric Works.
Central Electric Co.
City Electric Co.
Dicker Electric Co.
Globe Elec. Co.
Hambridge, W. S.
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Otis Elevator Co.
Van Emon Elevator Co.
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S. F. Fibre & Cordage Co.

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Burnham Plumbing & Heating, Inc.
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Blume Con'g Co.
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Sullivan, D. I. A. T.
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Lorenz, Schaffner & Co.
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March Iron Works.
Pacific Rolling Mill Co.
Pacific Struc. Iron Works.

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180-188 JESSIE STREET

PHONE KEARNY 4700

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Phoenix Iron Wks
Tolson Iron Wks
Truettner Works.
St. Francis Orn. Iron Works
Telser & Kerr
Stove & Foundry Co.
Volcan Iron Wks.
Western Iron Wks
Withington, C. W.
Art Glass.
Cal. Art Glass Co
Ingerson & Glaser Co.

Blacksmiths.
Paul Kleiber
Boards.
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Actina Life Ins. Co.
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Hillman & Son, J. R.
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Lloyd & Spengler
MacMeans, H. V.
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Pacific Coast Sash & Lumber Co.
Pacific Surety Co.
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United States Fidelity and Guaranty Co.
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Bay Development Co.
Carey, J. E.
Carroll Brick & Pottery Co.
Carquinez Brick & Pottery Co.

McNear Brick Co., E. B.
Peterson - Kartschke Brick Co.
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Sacramento Trans. Co.
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San Jose Brick Co.
Steiger T. C. and Pottery Wks.
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Oakland Paving Brick Co.

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California Building Material City Supply Co.
Fernald Co., The
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Holland, J. P.
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Johns, J. C. and
Levy & Co., Rohl, S.
Lilley & Thurston Co.
Pacific Refining and Roofing Co.
Parrott & Co.
Paraffine Paint Co.
Pratt Building & Material Co.
Quality Lime and Cement Co.
United Material Co.
Waterhouse & Price Co.
Western Bldg Supply Co.
Western Building Material Co.
Building Paper.
Boyd & Moore
Lilley & Thurston Co.

Cement Dealers

Balfour, Guthrie Co.
Cowell Lime & Cement Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. F.
Maynard, Jr., J. L.
Meyer, A. C.
Pacific Portland Cement Co.
Quality Lime and Cement Co.
Western Building Materials Co.
Standard Portland Cement Co.

Concrete.

Chase, Silas A.
Camp & Carillon.
Duncan, Harrelson Co.
Foster & Vogt.
Goodman Artificial Stone Co.
Hau, C. C. W.
Keatinge and Sons, R.
Leonard, J. J.
Leonard, J. P.
Lynch, A. J.
Pasqualetti, J.
Stankquist & Taylor.
Stankquist & Forbes
Zimmerman, L. M.
Concrete Reinforcing.
Lilley & Thurston Co.

Contractors & Builders.

Allen, C. M.
Anderson, W. W.
Arthur, L.
Batemann, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Burdick, Wm. A.
Buschell & Co.
Cameron & Diss-ton.
Cavanaugh & Ve-zina.
Chisholm, R. A.
Cobby, J. W.
Concannon, W. N.
Concannon, H. C.
Creghino & Son, Lewis
Days' Sons, T. H.
Dewar, R. & Son.
Ellam, Thos. & Son
Elliott, E. W.
Fahy, R.
Fisher, Fred
Franz, Val
Frost, T. P.
Gillespie, G. G.
Gallagher, Frank
Garbner, Florent
Greig, Robt.
Hansbrough Bros.
Henley & Tibbitts
Hoskins, A. C.
Hinson, I. A.
Hill, J. A.
Holm & S. A.
Hoskins, A.
Host Bros.
Ingerson C. A.
Bucks, H. W.
Jones, W. G.
Kent S. H.

Knowles & Rich-ey.
Lang & Bergstrom.
Leiter, E. T. & Sons.
Lynch, M. C.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J. J.
McKillican, R. and
Leonard, J. P.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, B. T.
Penny, Isaac.
McLeran & Peterson.
Renshaw & Gillespie.
Savage, M. J.
Simmen, John
Smith, J. W. & Son
Spence, A. T.
Stockholm & Allyn.
Terrill, G. C.
Walker Bros. Co.
Warwick, H. C.
Buller, Thos.
White Bros. (car-penters)

Corsette Works.

Amster, C. S.
Barker, C. S.
Capitol Sheet Mf Works.
Comyns & Child.
Bender Mfg. Co.
Conlin, J.
Cronan, Wm.
Forderer Corsette Works.
Gulffay Corsette Works.
Appanna Corsette Works.
Held, Wesley
Morrison & Clark
S. F. Corsette Co.
Western Ferns & Corsette Wks.

Contracting Lather.

Lynch, Richard
Schnebl, H. H.
Traxler & Pell
Meyer, A. C.
Raymond, W. H.
Carbide, Granite.
McLachlan, S. E.
Damp Proofers.
Peters, F. J.
Reed & Thibault

Glass and Glazing

Cal. Hart & Win-dow Glass Co.
Cohen, I.
Colbiedick, Glass Co.
C. L. Bros.
Fuller, W. P. & Co.
Halenicht & Howlett
Holland, J. P.
Schwarz & Gottlieb (Inc.)

Grading & Teaming.

Church, D. O. Co.
Dillon, D.
Dierke Teaming Co.
Fay S. J.
McClure, H. N.
William, A. H.
Wolke Co. A.
Williams, F. A.
Wright, Chas.
Monahan Teaming Co.
Sibley, L. B.
McLennan, S. B.

Granite.

Bradburn, T. S.
Granite Co.
De Lano & Sons, C. L.
Hart, A. T.
Raymond Granite Co.

Hardware.

Hartman & Co.
H. H. J. H.
Lumber Sashes & C.
Meyer, A. C.
O'Brien Hardware & Tool Co.
Pacific Hardware Co.
West Hill Co.
Heat and Light.
Peters, F. J.
Reed & Thibault Electric Co.

Interior Decorators.

Snell & Dennis.
Lynch, Richard
Joint Hangers & Post Caps.
Korlick - Falls Mfg Co.
Lilley & Thurston Co.
Kauwee System.
Korlick - Falls Mfg Co.
Lilley & Thurston Co.

Light and Power

City Electric Co.
Pacific Electric & Electric Co.

Lime, Cement, Etc.

Acme Cement Plaster Co.
Arden Plaster Co.
California Lime & Hydrate Co.
Cowell Lime & Cement Co.
Holland, J. P.
Holmes Lime Co.
Lennon, Jas. E.
Lucas, E. B.
Pac Lime & Plaster Co.
S. F. Lime Co.
St. Francis Lime Products Co.
Western Building Material Co.
W. F. Cement Co.

Lumber.

Acme Lumber Co.
Christenson Lumber Co.
Hart-Wood Lumber Co.
Humboldt Lumber Co.
Hauptman Lumber Co.
Hosner Lumber Co.
Krus, J. H.
Loop Lumber Co.
Madonna Lumber Co.
Moore, R. B.
Muller Lumber Co.
Olsen Mahogany Lumber Co.
Pope & Talbot.
Santa Fe Lumber Co.
Schouten Lumber Co.
Ternan & Beron-elli
Van Arsdale-Har-ris Lumber Co.
Wasson Bros & Co.
Doe Co., F. E.
Lumber (Hard-wood.)
Diskmann & Co.
Howard, E. A. & Co.
Nichols, Ed. F. A.
White Bros.
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Machinery.
Harron, Richard & McCone.

Masons & Builders

Alexander, R.
Allen, C. J.
Anderson & Ral-
ney
Arlett, A.
Beck, A.
Brady, M. V.
Brady, O. E. & Son
Randan, E. J.
Krennan, J. E.
Brigham, H. B.
Butcher, Thomas
Butcher & Hadley
Byron, D. J. & Son
Campbell Bros.
Carr, J. W.
Drake, Harry E.
Downey, J.
Farrell & Reed
Fennell, Jas.
Gate, M. F. & Son
Gillon, J. E.
Harrison, A.
Hibbins & Baker
Hock, Chas.
Hoffman, V.
Hogberg & Lud-
wig
Larsen, H. H.
Lawson, A. W.
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Miller, J. W.
Murray & Mow-
bray
Muleahy Bros.
Nagel, W. L.
O'Connor & Col-
lins
O'Rourke, T. F.
Ralney & Phihl-
lips
Ringrose, R. & Son
Scott, W. S.
Walker, P. J.
Watson, Sage
Watson, Sidney
White, J. M.
Whitney & Davies
Wilson, James A.
Wygant, J. H.

Marble

American Marble
& Mosaic Co.
Columbia Marble
Co.
Gervais, Henry

Grassl, Peter, Co.
Hunt, Andrew T.
Maino, F. L. & Co.
Musto & Sons, Jos
Keenan Co.
Vermont Marble
Co.

Mantels, Tiles

Kirwin & Dono-
van
Mangrum & Otter
Montague & Co., W.
Peerless Agencies
Metal Furring &
Lathing.
Holloway Ex-
panded Mil Co.
Lynch, H. T.
National Lathing
& Furring
Northwestern Ex-
panded Metal
Co.
Roehling Sons,
John A.

Metal Window

Works.
Dwan, J. E.
Mosaic.
Amer. Marble &
Mosaic Co.
Gervais, H.
Maino, F. L. & Co.

Office Fixtures.

Bateman, Wm.
Forbes & Son, A. J.
Fink & Schindler
Co.
Simmen, John

Painters.

Daniels, Gus V.
Donovan, V. J.
Fraser, J. P.
Kuss, P. N.
Lewellyn, J.
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Spark, J. H.
Tucker, W. W. Co.
Neal, L. J.

Paint Burner

Paint (Damp Re-
sisting.)
Dwan Co. J. E.

Paints, Oils, Etc.

Bass - Heuter
Fuller & Co., W. P.
Kuss, P. N.
Maudrell, H.
Pacific Refining &
Roofing

Paraffine Paint Co
Whittier - Coburn
Co

Patent Chisneys.

Clawson & Co., L.
E.
Dunlevy & Gettle
Dresser - McDon-
nell Co.
Cal. Pottery Co.

Planing Mills.

Anderson Bros.
Buell Co., Guy A.
Burnham - Stan-
ford Co.
Ca., Door Co.
Cal. Milling Co.
Central Lumber &
Milling Co.

Elkington &
Hucke

Herring Mill (Inc)
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Krusse, J. H.
Lorden Mill Co., J.
P.

R. E. Moore Mill &
Lumber Co.
National Mill &
Lumber Co.
Pacific Mfg. Co.

Reinhart Lumber
& Planing Mill
Co.

Reilly, P. F.
Santa Clara Mill
& Lumber Co.
San Mateo Plan-
ing Mill.

Searle & Hayman
Taylor & Co.

Plasterers.

Binner, Theo.
Carrick, M. H.
Chalmers, H. A.
(Inc.)

Clark, D. Ross.

Crichton, J. L.
Coghlan, Frank
Connolly, J. J.
Connell, J. E.

Fay, John
Felt, R. L.
Floodberg & Mc-
Caffery.

Fraser, Simon
Gregg & Clute
Jacobson, N.

Knowles A.
Leaf & Kaiser
Lyden & Bickel
MacGruer & Co.

Mennie, Alex.
McCleod, J. C.
Morehouse, C. C.
O'Kane & Co., C.T.

O'Sullivan & Bow-
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